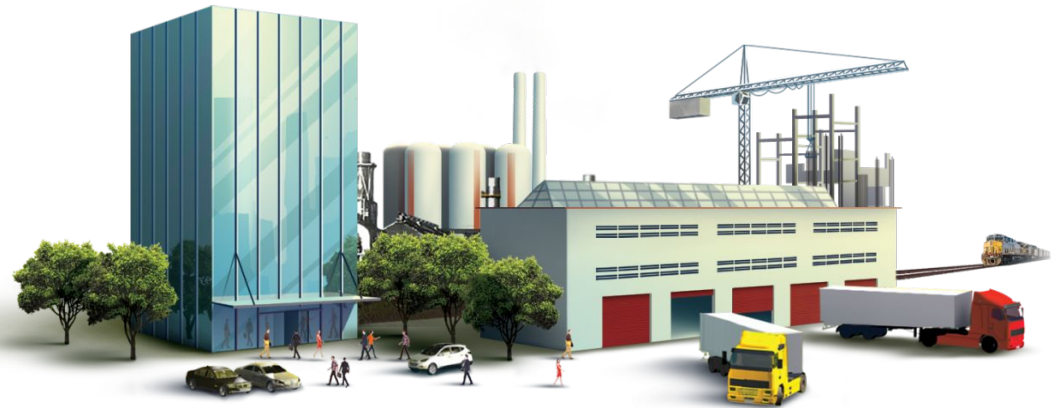


# 1C:ERP



# Case study





# Company description

- Company which produce tractors:
  - Custom production
  - Basic configurations
  - Production on a warehouse





# Scenario

1. When buying complex machinery, there is a concept of "configuration".
  - When ordering, you can specify the parameters of the tractor.
  - These parameters will affect the cost of the product and the production process.
2. Order production of a tractor under the client.
  - The customer's order for a tractor with certain characteristics.
  - Sales officer asks what parameters should be in the tractor and starts this option configuration in the system. Makes out the order of the client.
  - On the basis of this order, a production order is created and a tractor is produced for the customer.
3. Production to the warehouse.
  - Release of basic, running machines in advance to the warehouse according to the production plan. After receipt of the customer's order, this basic running machine is equipped to the specific customer and his wishes.



**Master data**



# Product options

Your Build

You have not selected a dealer.

Select Dealer

**\$58,225.00** Total Suggested List Price \*

Next: Options

Select **Build** Options Attachments > Summary > Quote

**You have 1 conflicts.**

Go to Conflicts

## 5075GL Narrow, Low-Profile Tractor



**List Price\*** **\$58,225.00**

Base Machine (0314AT) \$58,225.00

Options \$0.00

Attachments & Accessories \*\* \$0.00

Prices listed are in USD.

Change Options

Add Attachments and

### Product Features

Photo is representative and will not reflect your configured product.

**\$58,225.00** Total Suggested List Price \*

Previous: Build

Next: Attachments

Select **Build** **Options** Attachments > Summary > Quote

**You have 1 conflicts.**

Go to Conflicts

### Options

OPERATOR'S MANUAL, DECALS, AND MONITORS

TRANSMISSION

OPERATOR'S STATION

EXHAUST

HYDRAULIC PUMP

REAR SELECTIVE CONTROL VALVES

MID SELECTIVE CONTROL VALVES

FRONT WHEELS AND TIRES

REAR WHEELS AND TIRES

AXLE

POWER TAKE-OFF (PTO)

THREE-POINT HITCH

THREE-POINT HITCH ROD

FRONT ATTACHMENTS

Extended Warranty

Extended Warranty

### Options

#### BASE MACHINE

**5075GL Narrow, Low-Profile Tractor** **\$58,225.00**

#### OPERATOR'S MANUAL, DECALS, AND MONITORS

**English Operator's Manual and Decal Kit** **In Base Price**  
Option Code : 0409

#### TRANSMISSION

**24F/12R PowrReverser Transmission with 540/540E PTO (includes creeper)** **In Base Price**  
Option Code : 1380

Includes: Oil cooler, neutral start safety switch, PowrReverser Plus, de-clutch button on the gear lever, electrohydraulic Mechanical Front-Wheel Drive (MFWD), Diff lock and PTO actuation.

#### OPERATOR'S STATION

**Standard Isolated Open Operator Station** **In Base Price**  
Option Code : 2000

Isolated Open Operator Station Two Post Mid Mount Roll-Over Protective Structure (ROPS) RH Gear Levers & LH Range Levers Base seat, Polyvinyl Chloride (PVC) with driver sensor under seat



# Master data and settings

Demonstration base / 1C:ERP WE (1C:Enterprise)

Home page

- Quick menu
- Budgeting and planning
- CRM and marketing
- Sales
- Purchases
- Warehouse and delivery
- Production
- Cash flow
- Financial result and controlling
- Capital assets
- International financial accounting
- Master data and settings**

**Initial filling**

- Initial filling
- Register adjustment

**Base classifiers**

- Currencies

**Master data**

- Products**
- Product classifiers
- Partners
- Companies
- Company structure
- Warehouses and stores
- Bank accounts
- Enterprise cash accounts
- Cash registers
- Projects
- Work schedules
- Authorized signatories
- Individuals

**Settings**

- Servicing
- General settings
- Users and rights settings
- Organizer
- Configure file operations
- Print forms, reports and data processors
- CWP and equipment

**Master data and sections**

- Enterprise
- Products
- Budgeting and planning
- CRM and marketing
- Sales
- Purchases
- Warehouse and delivery
- Production
- Cash flow and mutual settlements
- Financial result and controlling
- VAT accounting, import and export
- Capital assets
- International financial accounting

**Integration**

- Applied solution design system
- Data synchronization

**See also**

- Currencies
- Banks
- World countries
- Business calendars

**Reports**

- Additional reports

**Tools**

- Products

Search (Ctrl+F)

← → ☆ Products

Search (Ctrl+F) By exact match

Create [Icons] Change selected [Icons] Generate [Icons]

More actions

Description	Product ID
1000x1000 Styrofoam	
2000x1000 foam rubber	
539047001 Filter element	
Abrasive particle No. 3	
Abrasive particle No. 4	
Abrasive particle No. 5	
Accumulator screw gun MAKITA 6261DWPE	293164
AJB7.732.004 Contact	
AJB7.732.012 Contact	
AJB7.750.004 Pump	
AJB7.755.001 Juniper	
Attachable equipment for AMKODOR 211 autoloader	
Aviation gasoline B-91/115	
Birch plywood FK 21 mm sort 4/4	
BISON electric airbrush	254547
BISON knife PREMIUM series	269432
Bolt cutter ENKOR 610 mm	246832
Box spanner set Matrix 6-22 mm 8 pcs smooth chrome	212497
Case latch T15	
Casting mold cleaning solution	
CCD materials	
Cellular polycarbonate 10 mm 600x150	
CITIZEN SDC-888TI calculator	
Concrete drilling tool MAKITA SDS+ D8x110 mm	286963
Coolant Tosol-EA0 (up to minus 40 °C)	
Copper strip 24x0.4mm	
Copper strip 24x0.75mm	
Cup grease US-2	

Segment: [Dropdown]

**Kinds and properties** Kinds Proper...

- Manufacturing
  - Metal products
    - Components of individual registration
    - Main materials
    - Paints and varnishes
    - Products
    - Provided services
    - Reusable package
    - Semi-finished products
    - Serial accounting materials
    - Serial accounting products
    - Serial inventory (cost calculation)
    - Serial inventory (FEFO)
    - Serial inventory (for reference)
    - Special cutting tool
    - Woodwork
    - Work performed
    - Work purchased
- Trade



# Production

Product kind (create) \*

**Save and close** Save Generate Navigate Files More actions Show all Collapse all

Product type: **Product** (change) ?

Group of product kinds: Manufacturing Access group: Other

Description: Tractors

Details:

When printing a cargo name in the waybill, use:

name from application settings: <none>

individual name:

Product categories: Configured for this product kind List

Characteristics: ?

Series: ?

For this type of products you can choose **only** those series accounting policies, which include receiving, then the policy shall imply cost accounting by series.

- > Additional attributes
- > Name templates
- > Quick selection in lists
- > Visibility, control filling and uniqueness
- > Values used to create
- > Additional information

Products

Search (Alt+F1) x By exact match

Create More actions

Description

- Manufacturing
  - Metal products
    - Rostselmash
      - Balers
      - Carts
      - Combines
      - Forage equipment**
      - Municipal equipment
      - Tractors
      - Windrower

Kinds and properties Kinds Proper...

- Product kind Ins
- Product kinds group Ctrl+F9
- Manufacturing
  - Metal products
    - Modules
    - Components of individual registration
    - Main materials
    - Paints and varnishes
    - Products
    - Provided services
    - Reusable package
    - Semi-finished products
    - Serial accounting materials
    - Serial accounting products
    - Serial inventory (cost calculation)
    - Serial inventory (FEFO)
    - Serial inventory (for reference)
    - Special cutting tool
    - Woodwork
    - Work performed
    - Work purchased
- Trade
  - Main product kinds
  - SPMS
    - Agency delivery service
    - Air conditioners
    - Bakery products
    - Electrical goods
    - Furniture (pre-assembly)
    - Furniture set
    - Grocery





# Production

## Product kind (create) \*

**Save and close** Save Generate - Navigate - Files

### Main

Product type: **Product** (change) ?

Group of product kinds: Manufacturing Access group: Other

Description: Tractors

Details:

When printing a cargo name in the waybill, use:

name from application settings: <none>

individual name:

Product categories: Configured for this product kind List

Characteristics: ?

Series: ?

For this type of products you can choose **only** these series accounting policies, which include balance accounting by series. At the same time, if the warehouse is advanced for shipment or receiving, then the policy shall imply cost accounting by series.

### Additional attributes

Using additional attributes, describe object properties (for example, color, size, brand, etc.)

Use one of the features:

- attributes common to all products;
- attributes common to several product kinds;
- attributes with the common value list;
- attributes specific only to one product kind.

Set an add. attribute order - attributes will follow in the object form in this order.

Add

New for the kind

From other set...

Common to all products

> Name templates

> Quick selection in lists

> Visibility, control filling and uniqueness

> Values used to create

### CAB OR OPEN STATION (Common additional attribute)

**Save and close** Save More actions -

Description: CAB OR OPEN STATION

Value type: Additional value ?

Display as a hyperlink

Main Values

Create Create group More actions -

- CAB
- OPEN

Use weighting factors

> For developers

### Edit data type

Composite data type

- Boolean
- Date
- Number
- String
- Additional value
- Additional value (hierarchy)
- Cash flow item
- Company
- Contract between companies
- Contract with counterparty
- Counterparty
- Currency
- Customer segment
- Department
- Expense item

Length: 17 Precision: 5  Nonnegative

OK Cancel



# Production

← → Products (create) ×

**Save and close** Print Reports Navigate More actions

Card Attributes

Product kind: **Tractors** Show main Show all Collapse all

Barcode:

Work name:

Print name:

Code:

**Additional attributes**

CAB OR OPEN STATION:

ENGINE HP:

**Main accounting parameters**

List group:

Access group: Other

VAT rate:

Quality: New

**Units of measure and storage conditions**

Storage unit:

[Check for uniqueness](#) It is recommended that you perform the check before you continue to fill in the fields

← → ☆ DT 460 (Products)

**Save and close** Print Reports Navigate

Card Attributes

Work name: **DT 460**

Print name: DT 460


Product ID: <not specified>

Code: 00-00000296

[Products with similar properties](#)

[Barcodes \(0\)](#)

**Details**



**Main accounting parameters**

List group: <not specified>

Access group: Other

Product kind: Tractors

Product type: Product

Characteristics: Not used

Series: Not used

VAT rate: 18%

Quality: New

[Another quality goods \(0\)](#)

**Units of measure and storage conditions**

Packagings: not used

Storage unit: pcs.

Unit for reports: pcs.

Weight: <not measured>

Volume: <not measured>

Length: <not measured>

Area: <not measured>

Warehouse group: <not specified>

[Placement of products in bins \(for reference\)](#)

**Financial accounting**

Analytical accounting group: <not specified>

Financial accounting group: <not specified>

[Sales allocation by lines of business](#)

Text description: <none>

Description file for the website: <not specified>

Files (2)

Accounting of product certificates:

**Additional attributes**

Min. supply: <value is not set>

CAB OR OPEN STATION: CAB

ENGINE HP: 460

**Manufacturer details**

Manufacturer: <not specified>

Brand: <not specified>

**Planning and marketing**





## Product options

- As an option, you can order **leather covering of the seat**, interior and audio system with a subwoofer.
- **REAR ATTACHMENT** (OPTIONAL) - the rear three-point attachment of the CAT IV with a load capacity of 6,800 kg is available as an option. As an option, a Quick-Hitch frame can be installed to facilitate aggregation with mounted and semi-mounted instruments.
- **PTO** (OPTIONAL) - independent power take-off shaft, as an optional equipment, is driven by a multi-disc clutch, providing a soft start to the connected instruments. It will never fail, despite the complexity of the operations performed. PTO 1000 rpm with 45 mm shaft, 20 slots suitable for operations of any complexity.



# Production

## ☆ Tractors (Product kind)

Save and close Save Generate - Navigate - Files

### Main

Product type: Product ?

Group of product kinds: Rostselmash Access group: Other

Description: Tractors

Details:

When printing a cargo name in the waybill, use:

name from application settings: <none>

individual name:

Product categories: Configured for this product kind List

Characteristics: ? Common to this kind of products List

Series: ?

For this type of products you can choose **only** those series accounting policies, which include balance accounting by series. At the same time, if the warehouse is advanced for shipment by series.

### Additional attributes

Using additional attributes, describe object properties (for example, color, size, brand, etc.)

- Use one of the features:
- attributes common to all products;
  - attributes common to several product kinds;
  - attributes with the common value list;
  - attributes specific only to one product kind.

Set an add. attribute order - attributes will follow in the object form in this order.

Product attributes

- Min. supply
- ENGINE HP

Add -

- New for the kind
- From other set...
- Common to all characteristics

- > Name templates
- > Quick selection in lists
- > Visibility, control filling and uniqueness

## ☆ Tractors (Product kind) \*

Save and close Save Generate - Navigate - Files

### Main

### Additional attributes

Using additional attributes, describe object properties (for example, color, size, brand, etc.)

- Use one of the features:
- attributes common to all products;
  - attributes common to several product kinds;
  - attributes with the common value list;
  - attributes specific only to one product kind.

Set an add. attribute order - attributes will follow in the object form in this order.

Product attributes

- Min. supply
- ENGINE HP

Characteristic attributes

- Independent power take-off shaft
- Rear attachment
- Leather cover seat or interior
- Audio system with subwoofer



# Production

← → ☆ Products

Search (Alt+1)    By exact match  Kinds and properties  Kinds  Properties

Description  Product

- Manufacturing
  - Metal products
  - Rostselmash
    - Balers
    - Carts
    - Combines
    - Forage equipment
    - Municipal equipment
    - Tractors**
    - Windrower
  - Components of individual registration
  - Main materials
  - Paints and varnishes
  - Products
  - Provided services

Segment:

← → ☆ DT 520 (Products)

Card  Attributes


[Products with similar properties](#)

Work name:

Print name:

Product ID:  Code:  [Barcodes \(0\)](#)

**Details**



Text description:

Description file for the website:

[Files \(1\)](#)

Accounting product certificates

**Additional attributes**

Min. supply:

ENGINE HP:

[Manufacturer details](#)

[Planning and marketing](#)

**Supply and production**

Pegged purchase/sale

Supply scheme:

[Product kits \(0\)](#)

[Set up inventory level control](#)

**Main accounting parameters**

List group:

Access group:

Product kind:

Product type:

Characteristics:  [List \(0\)](#)

Series:

VAT rate:

Quality:  [Another quality goods \(0\)](#)

**Units of measure and storage conditions**

Packagings

Storage unit:   supplied in package:

Unit for reports:

Weight

Volume

Length

Area

Warehouse group:

[Placement of products in bins \(for reference\)](#)

**Financial accounting**



# Production

← → ☆ DT 520 (Products)

**Save and close** [Print] [Reports] [Navigate] [More actions]

Card Attributes


[Products with similar properties](#) [Show main] [Show all] [Collapse all]

Work name: DT 520 [Image icon]

Print name: DT 520 [Image icon]

Product ID: [ ] Code: 00-00000296 [Barcodes (0)]

**Details** [Add] [Edit] [Delete] [From attached files]



Text description: [ ]

Description file for the website: [ ] [x] [Image icon]

[Files \(1\)](#)

Accounting product certificates

**Additional attributes**

Min. supply: [ ] [Image icon]

ENGINE HP: 520.00000 [Image icon]

**Manufacturer details**

**Planning and marketing**

**Supply and production**

Pegged purchase/sale

Supply scheme: [ ] [Image icon]

[Product kits \(0\)](#)

[Set up inventory level control](#)

**Main accounting parameters**

List group: [ ] [Image icon]

Access group: Other [Image icon]

Product kind: Tractors [Image icon]

Product type: Product

**Characteristics: Common for product kind** [List (0)]

Series: Not used

VAT rate: 18%

Quality: New [Another quality goods (0)]

**Units of measure and storage conditions**

Packagings

Storage unit: pcs. [ ]  supplied in package:

Unit for reports: pcs. [ ]

Weight

Volume

Length

Area

Warehouse group: [ ] [Image icon]

[Placement of products in bins \(for reference\)](#)

**Financial accounting**

← → ☆ Product characteristics (Tractors)

Characteristic list common for product kind "Tractors"

**Create** [Image icon] [Image icon]

Search (Ctrl+F) [ ] [Image icon] [More actions]

Description

[-] Rear attachment; NO power take-off shaft; Audio system; Leather cover

← → **Characteristic of products (create) \***

**Save and close** [Save] [Image icon]

**Characteristic common for products**

Product kind: Tractors [Image icon]

Work name: [ ] [Image icon]

Print name: [ ] [Image icon]

Independent power take-off shaft

Rear attachment

Leather cover seat or interior

Audio system with subwoofer

Audio system: **Pioneer TS-SW2002D2** [Image icon]

[Check for unique](#)

- Pioneer TS-SW2002D2
- Kicker 10C124
- Kicker DCWR122
- Kenwood KSC-SW11

[Show all](#) [Image icon]



# Production

## ☆ Tractors (Product kind) \*

Save and close Save Generate Navigate Files

Show all Collapse all

- > Main
- > Additional attributes
- ✓ Name templates

### Products

Work name:

[Change...](#)  Prohibit editing a work name in product profile ?

Print name:

[Change...](#)  Prohibit editing a print name in the product profile ?

### Characteristics

Work name:

[Change...](#)  Prohibit editing a work name in the characteristic card ?

Print name:

[Change...](#)  Prohibit editing a print name in the characteristic card ?

- > Quick selection in lists
- > Visibility, control filling and uniqueness
- > Values used to create
- > Additional information

**Edit formula**

Save and close Check formula More actions

**Available attributes**

- Available fields
- Additional attributes
- Audio system with subwoofer
- Counterparty
- Data version
- Deletion mark
- Description
- GTIN recorded by issuer in CIM SPMS
- Independent power take-off shaft
- leather cover seat or interior
- Predefined
- Predefined data item name
- Principal
- Print name
- Products or their kind
- Rear attachment

**Operators and functions**

- Separators
- Operators
- Logical operators and constants
- Numerical functions
- String functions
- Other functions

Formula: `?([Audio system with subwoofer] = 1,"Audio system", "No audio system") + ";" + ?([`

Presentation:

## ☆ Tractors (Product kind)

Save and close Save Generate Navigate Files

Show all Collapse all

- > Main
- > Additional attributes
- ✓ Name templates

### Products

Work name:

[Change...](#)  Prohibit editing a work name in product profile ?

Print name:

[Change...](#)  Prohibit editing a print name in the product profile ?

### Characteristics

Work name:

`?([Rear attachment] = 1,"Rear attachment", "NO Rear attachment") + ";" + ?([Independent power take-off shaft] = 1,"Power take-off shaft", "NO power take-off shaft") + ";" + ?([Audio system with subwoofer] = 1,"Audio system", "NO audio") + ";" + ?([leather cover seat or interior] = 1,"Leather cover", "NO`

[Change...](#)  Prohibit editing a work name in the characteristic card ?

Print name:

`?([Rear attachment] = 1,"Rear attachment", "NO Rear attachment") + ";" + ?([Independent power take-off shaft] = 1,"Power take-off shaft", "NO power take-off shaft") + ";" + ?([Audio system with subwoofer] = 1,"Audio system", "NO audio") + ";" + ?([leather cover seat or interior] = 1,"Leather cover", "NO`

[Change...](#)  Prohibit editing a print name in the characteristic card ?

- > Quick selection in lists
- > Visibility, control filling and uniqueness
- > Values used to create
- > Additional information



# Bill of materials



- Home page
- Products
- Quick menu
- Budgeting and planning
- CRM and marketing
- Sales
- Purchases
- Warehouse and delivery
- Production**
- Cash flow
- Financial result and controlling
- Capital assets
- International financial accounting
- Master data and settings

- Manufacturing reports
- Settings and catalogs
- Order fulfillment states

Master data

- Bills of resources**
- Work centers
- Availability of work center kinds
- Material substitution permissions
- Operations sheets
- Costing items
- Set up inventory level control
- Production expense standards
- Standard costings

Intrashop management

- Order queue management
- Stage dispatching
- Production orders

Shop management

- Stage execution
- Execution of operations
- Material orders for production

Intrashop accounting

- Production documents (all)
- Invoices for registration
- Register production without orders
- Allocation of materials and works
- Expense allocation to product cost
- Enter indicators for cost allocation

Create

Production order

Tools

Additional data processors

Labor costs

- Employee output
- Kinds of employee activities
- Teams

Repairs

- Facilities
- Repair activity
- Repair orders
- Defect log
- Repair activity
- Running time
- See also
- Reasons for
- Expense allo

☆ Bills of resources

Status: Any Products: <without filter> Used as: <without filter> Work center kind: <without filter> Used in orders: <without filter>

Production, assembly	Ins	Code	Type	Status	Validity period		Main product
					from	to	
Repair							
Disassembly, disposal		00-000087					
▶ Metalwork		00-000005					
▶ Plastic products		00-000006					
▶ Products of series SI and TM		00-000009					
▶ Relay		00-000041					
▶ Woodwork		00-000001					



# Options

← → ★ DT 520 (Production, assembly) (Bill of resources) \*

Main Standard costings BOM tree Material substitution permissions Usage in orders My notes Tasks

Save and close Save Compare bills of resources Usage instances Product BOR Fill in using operations sheets for stages Files More actions

Group: Rostselmash Code: 00-000093 Status: Under development Set status

Description: DT 520 Valid from: 11/19/2019 to: // (+)

Main Side and intermediate product Materials and works (1) Labor costs Manufacturing process More

Add Select Auto selection Calculation using formula Enter substitution permission More actions

#	Products	Characteristic	Quantity	UOM	Method of receiving material	Costing item	Material application
1		<characteristics are not use...			Supply	Main materials	

Configure filter by properties and calculation using formulas \*

Save the setting Close More actions

Use Conditions

Add

Property	Condition	Value
Leather cover seat or int...	Equal to	Yes

Quantity calculation algorithm

8

Enter formula Clear

← → ★ DT 520 (Production, assembly) (Bill of resources) \*

Main Standard costings BOM tree Material substitution permissions Usage in orders My notes Tasks

Save and close Save Compare bills of resources Usage instances Product BOR Fill in using operations sheets for stages Files More actions

Group: Rostselmash Code: 00-000094 Status: Under development Set status

Description: DT 520 Valid from: 11/19/2019 to: // (+)

Main Side and intermediate product Materials and works (2) Labor costs Manufacturing process More

Add Select Auto selection Calculation using formula Enter substitution permission More actions

#	Products	Characteristic	Quantity	UOM	Method of receiving material	Costing item	Material application
1	Leather	<characteristics are not use...	<using formula>	m2	Supply		
2	Velours	<characteristics are not use...		m2	Supply		

Configure filter by properties and calculation using formulas \*

Save the setting Close More actions

Use Conditions

Add

Property	Condition	Value
Leather cover seat or int...	Equal to	No

Quantity calculation algorithm

9

Enter formula Clear

#	Products	Characteristic	Quantity	UOM	Method of receiving material	Costing item	Material application
	Leather	<characteristics are not use...	<using formula>	m2	Supply	Main materials	
	Velours	<characteristics are not use...	<using formula>	m2	Supply	Main materials	
3		<characteristics are not use...			Supply		

### Configure product auto selection \*

Save the setting Close

**How products are determined**

Specified in specification <Products are not specified>

Specified in a product property: Audio system

The products specified in the property will be used for auto selection.  
 For example, you can create characteristics "textile cover" and "leather cover" for product "Sofa".  
 To produce a sofa with the "textile cover" characteristic, "textile" material will be used, while "leather" material will be used for a sofa with characteristic "leather cover".

Specified in the manufacturing process

Information from the description will be available when specifying products.

**How product characteristic is determined**

Characteristic is specified on manufacturing.

1 out of 10 audio system

Products

Search (Alt+1) x

By exact match  Kinds and properties Kinds Properties

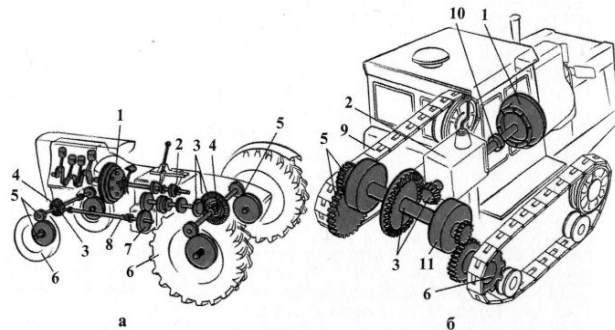
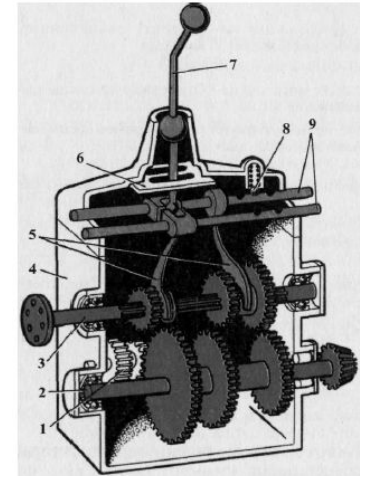
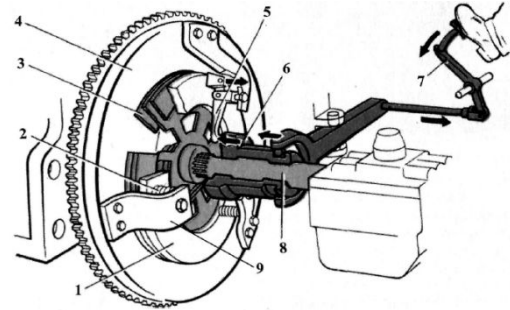
Create More actions

- Manufacturing
  - Metal products
  - Rostselmach
    - Audio systems
    - Balers
    - Carts
    - Combines
    - Forage equipment
    - Municipal equipment
    - Tractors
    - Windrower
    - Components of individual registration
    - Main materials



# General tractor arrangement

- Engine
- Power transfer
- Control mechanism
- Undercarriage system
- Working equipment
- Auxiliary equipment



← → ☆ Bills of resources

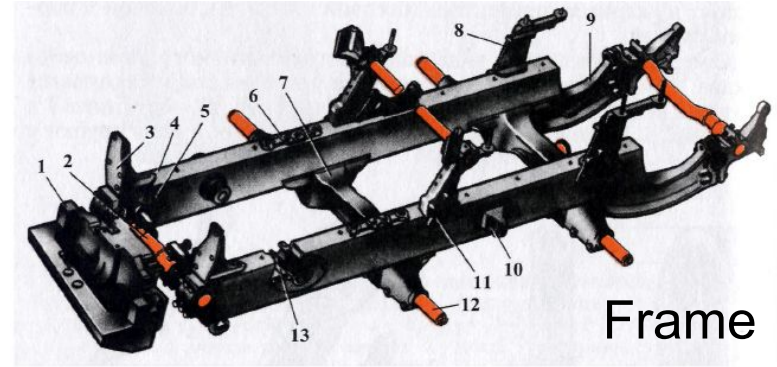
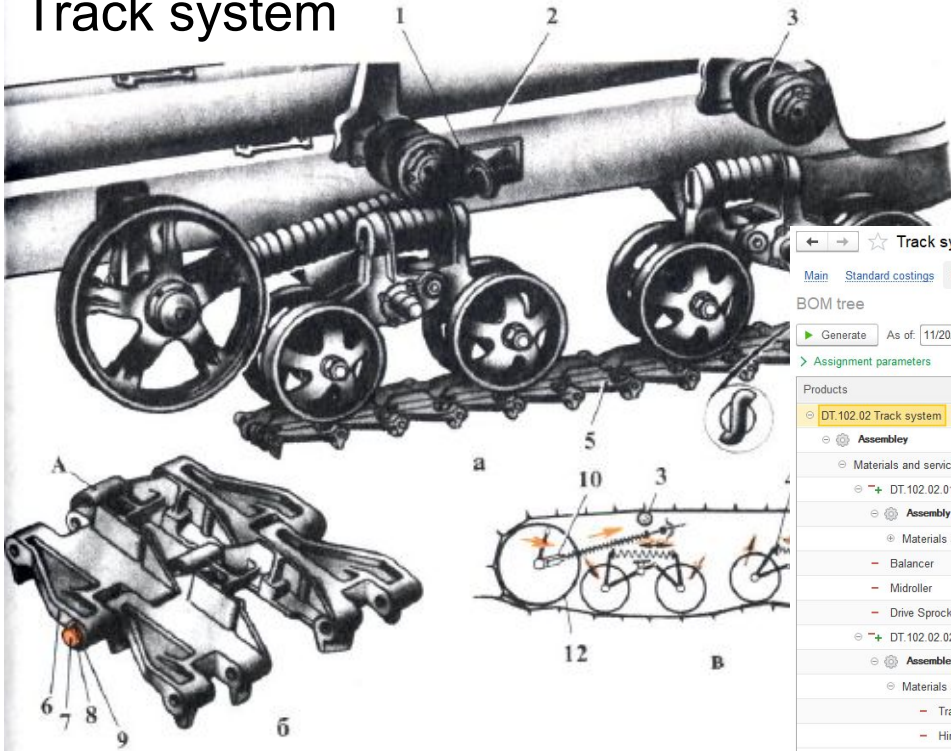
Status: Any Products: <without filter> Used as: <without filter> Work center kind: <without filter> Used in orders: <without filter>

Description	Code	Type	Status	Validity period		Main product
				from	to	
▼ Rostselmash	00-000093					
- DT 520	00-000094	Production, assembly	Valid	11/19/2019		DT 520
- Frame DT	00-000095	Production, assembly	Valid	11/20/2019		DT.102.01 Frame
- Tensioner DT	00-000097	Production, assembly	Valid	11/20/2019		DT.102.02.01 Tensioner
- Track chain DT	00-000098	Production, assembly	Valid	11/20/2019		DT.102.02.02 Track chain
- Track system DT	00-000096	Production, assembly	Valid	11/20/2019		DT.102.02 Track system



# Undercarriage system

## Track system



Track system DT (Production, assembly) (Bill of resources)

Main Standard costings BOM tree Material substitution permissions Usage in orders My notes Tasks

BOM tree

Generate As of: 11/20/2019 Show:  Stages  Finished products  Materials  Labor costs Print More actions -

> Assignment parameters

Products	Characteristic	Quantity	UOM	BOR / Operations sheet	Material application
DT.102.02 Track system	<characteristics are not used>	1.000	pcs.	Track system DT	
Assembly					
Materials and services (5)					
DT.102.02.01 Tensioner	<characteristics are not used>	1.000	pcs.	Tensioner DT	
Assembly of Tensioner					
Materials and services (4)					
Balancer	<characteristics are not used>	1.000	pcs.		
Midroller	<characteristics are not used>	1.000	pcs.		
Drive Sprocket	<characteristics are not used>	1.000	pcs.		
DT.102.02.02 Track chain	<characteristics are not used>	1.000	pcs.	Track chain DT	
Assembly of track chain					
Materials and services (2)					
Track chain link	<characteristics are not used>	42.000	pcs.		
Hinghinge	<characteristics are not used>	80.000	pcs.		

> Available specifications



# Production stages

← → ☆ DT 520 (Production, assembly) (Bill of resources) 🔗 ×

Main Standard costings BOM tree Material substitution permissions Usage in orders My notes Tasks

**Save and close** Save Compare bills of resources Usage instances Product BOR More actions ▾

Group: Rostselmash Code: 00-000094 Status: Valid Set status ▾

Description: DT 520 Valid from: 11/19/2019 × to: / / ×

Main Side and intermediate product (1) Materials and works (16) Labor costs (3) Manufacturing process More

Production:  Single-stage  Multi-stage

Start:

Minimum start:  pcs.

Optimal start:  pcs. allowable excess of:  pcs.

Product queue period is limited

Sequence	Stage	Department
1	3 Assembly of undercarriage system	Assembly and welding shop
2	3 Assembly cab	Plastic product shop
3	4 Setting of control mechanism	Assembly and welding shop
4	Final Assembly	Assembly and welding shop

Details:

← → ☆ Assembly of undercarriage system (Bill of resources stage) 🔗 ×

Main [My notes](#)

**Save and close** Save More actions ▾

Main Details

Included in bill of materials: DT 520 Stage No.:  Next stage No.:

Description:

Department:

Use work center kinds

Stage duration:  days ▾

Operations sheet:  Factor:  ?

Stage duration is used to create a production schedule.



# DT 520. Bill of resources

← → ★ DT 520 (Production, assembly) (Bill of resources) 🔗 ×

Main Standard costings BOM tree Material substitution permissions Usage in orders My notes Tasks

Save and close Save Compare bills of resources Usage instances Product BOR Fill in using operations sheets for stages Files More actions

Group: Rostselmash Code: 00-000094 Status: Under development Set status

Description: DT 520 Valid from: 11/19/2019 to: / /

Main Side and intermediate product (1) Materials and works (16) Labor costs (3) Manufacturing process More

Add Select Auto selection Calculation using formula Enter substitution permission More actions

#	Products	Characteristic	Quantity	UOM	Stage	Method of receiving material	Costing item	Material application
1	DT.102.01 Frame	<characteristics are not...	1.000	pcs.	Assembly of undercarriage ...	Produce by the "Frame DT" ... ×	Semi-finished products manufact...	
2	DT.102.02 Track system	<characteristics are not...	1.000	pcs.	Assembly of undercarriage ...	Produce by the "Track system D...	Semi-finished products manufact...	
3	Balancer	<characteristics are not...	4.000	pcs.	Assembly of undercarriage ...	Supply	Main materials	
4	Leather	<characteristic...					Main materials	
5	Velours	<characteristic...					Main materials	
6	<specified in the "Audio ...	<specified dur...					Purchased components	
7	Turning mechanism	<characteristic...					Purchased components	
8	Brake mechanism	<characteristic...					Purchased components	
9	DT.105.01 Cab with seat	<characteristic...						
10	Hood	<characteristic...						
11	Lighting devices	<characteristics are not...	8.000	pcs.	Final Assembly	Supply		
12	Alarm devices	<characteristics are not...	2.000	pcs.	Final Assembly	Supply		
13	Heating system	<characteristics are not...	1.000	pcs.	Final Assembly	Supply		
14	Ventilation system	<characteristics are not...	1.000	pcs.	Final Assembly	Supply		
15	Compressor	<characteristics are not...	1.000	pcs.	Final Assembly	Supply		
16	Power take-off shaft	<characteristics are not... <using formu...		pcs.	Final Assembly	Supply		

Material receipt method (Products: DT.102.01 Frame) □ ×

Supply

Provide on pegging basis

Receive from the step

Produce Frame DT □ ×

plan after

OK Cancel

← → ★ Frame DT (Production, assembly) (Bill of resources) 🔗 ×

Main Standard costings BOM tree Material substitution permissions Usage in orders My notes Tasks

Save and close Save Compare bills of resources Usage instances Product BOR Fill in using operations sheets for stages More actions

Group: Rostselmash Code: 00-000095 Status: Valid Set status

Description: Frame DT Valid from: 11/20/2019 to: / /

Main Side and intermediate product Materials and works (4) Labor costs (1) Manufacturing process More

Add Select Auto selection Calculation using formula Enter substitution permission More actions

#	Products	Characteristic	Quantity	UOM	Method of r...	Costing item	Material application
1	Balk	<characteristics are not...	2.000	pcs.	Supply	Main materials	
2	Beam	<characteristics are not...	2.000	pcs.	Supply	Main materials	
3	Lining	<characteristics are not...	2.000	pcs.	Supply	Other materials	
4	Bracket	<characteristics are not...	12.000	pcs.	Supply	Other materials	

Group: Rostselmash Code: 00-000094 Status: Valid Set status

Description: DT 520 Valid from: 11/19/2019 to: / /

#	Products	Characteristic	Quantity	UOM	Stage	Method of receiving material	Costing item	Material application
1	DT.102.01 Frame	<characteristics are not...	1.000	pcs.	Assembly of undercarriage ...	Produce by the "Frame DT" BOM	Semi-finished products manufact...	
2	DT.102.02 Track system	<characteristics are not...	1.000	pcs.	Assembly of undercarriage ...	Produce by the "Track system D...	Semi-finished products manufact...	
3	Balancer	<characteristics are not...	4.000	pcs.	Assembly of undercarriage ...	Supply	Main materials	
4	Leather	<characteristics are not...	<using formu...	m2	Assembly cab	Supply	Main materials	
5	Velours	<characteristics are not...	<using formu...	m2	Assembly cab	Supply	Main materials	
6	<specified in the "Audio ...	<specified during produ...	1.000		Assembly cab	Supply	Purchased components	
7	Turning mechanism	<characteristics are not...	1.000	pcs.	Setting of control mechanism	Supply	Purchased components	
8	Brake mechanism	<characteristics are not...	1.000	pcs.	Setting of control mechanism	Supply	Purchased components	
9	DT.105.01 Cab with seat	<characteristics are not...	1.000	pcs.	Final Assembly	Receive from the stage "Assembl...	Semi-finished products manufact...	
10	Hood	<characteristics are not...	1.000	pcs.	Final Assembly	Supply	Purchased components	
11	Lighting devices	<characteristics are not...					Purchased components	
12	Alarm devices	<characteristics are not...					Purchased components	
13	Heating system	<characteristics are not...					Purchased components	
14	Ventilation system	<characteristics are not...					Purchased components	
15	Compressor	<characteristics are not...					Purchased components	
	Power take-off shaft	<characteristics are not...					Purchased components	

**Material receipt method (Products: DT.105.01 Cab with seat)**

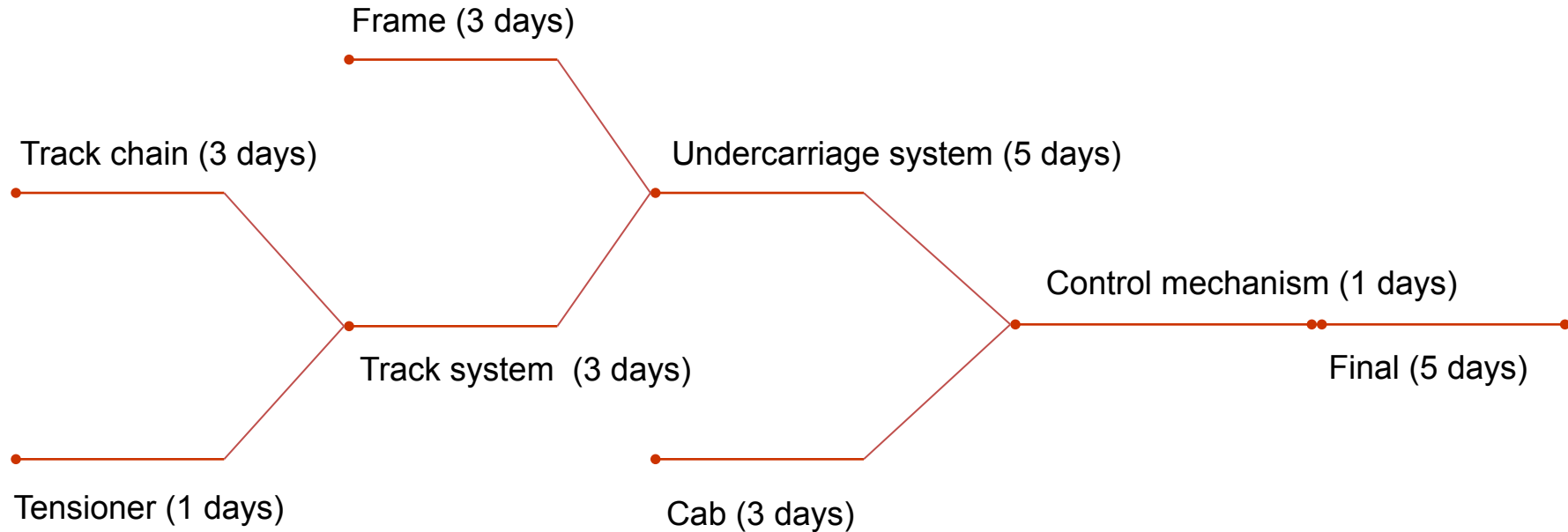
Supply  
 Provide on pegging basis  
 Receive from the step **Assembly cab**  
 Produce  
 plan after

OK Cancel





# Production stages



BOM tree

As of: 

 Show:  Stages  Finished products  Materials  Labor costs

[More actions](#)

> Assignment parameters

Products	Characteristic	Quantity	UOM	BOR / Operations sheet	Material application
⊖ DT 520	Rear attachment; Power take-off shaft; use audio Kenwood KSC-SW11; Leather cover	1.000	pcs.	DT 520	
⊖ <b>Final Assembly</b>					
⊕ Materials and services (7)					
⊕ Labor costs (1)					
⊖ <b>Assembly cab</b>					
⊕ Finished products (1)					
⊖ Materials and services (2)					
- Leather	<characteristics are not used>	8.000	m2		
- Kenwood KSC-SW11	<characteristics are not used>	1.000	pcs.		
⊕ Labor costs (1)					
⊖ <b>Assembly of undercarriage system</b>					
⊖ Materials and services (3)					
⊖ + DT.102.01 Frame	<characteristics are not used>	1.000	pcs.	Frame DT	
⊖ <b>Welding of frame parts</b>					
⊕ Materials and services (4)					
⊕ Labor costs (1)					
⊖ + DT.102.02 Track system	<characteristics are not used>	1.000	pcs.	Track system DT	
⊖ <b>Assembly</b>					
⊖ Materials and services (5)					
⊕ + DT.102.02.01 Tensioner	<characteristics are not used>	1.000	pcs.	Tensioner DT	
- Balancer	<characteristics are not used>	1.000	pcs.		
- Midroller	<characteristics are not used>	1.000	pcs.		
- Drive Sprocket	<characteristics are not used>	1.000	pcs.		
⊕ + DT.102.02.02 Track chain	<characteristics are not used>	1.000	pcs.	Track chain DT	
- Balancer	<characteristics are not used>	4.000	pcs.		

> Available specifications



**Sales**

Navigation menu (left): Bills of resources, Quick menu, Budgeting and planning, CRM and marketing, **Sales**, Purchases, Warehouse and delivery, Production, Cash flow, Financial result and controlling, Capital assets, International financial accounting, Master data and settings.

Left sidebar (Sales): Sales reports, Sales wizard, Sales master data (Customers, Contracts with customers, Individual agreements with customers), Wholesale (★ **Sales orders**), Sales documents (all) (Invoices for registration, Requests for goods return from customers, Returns for registration, Package return and redemption, Proforma invoices), Retail sales (Cashier workplace, Cash receipts, Retail reports, Gift certificate cancellation).

Main content area:

- Settlements with customers: Reconciliations, Letters of authority for receiving cash
- Consignment sales: Account sales from consignees
- Sales representatives: Job preparation, Jobs for sales representatives, Customer service terms
- See also: Register shifts, Reasons for sale order cancellation, Loyalty cards
- Create: Contract with customer, Individual agreement with customer, Sales order, Loyalty card
- Tools: Additional data processors, Order fulfillment states, Print price tags and labels, Fiscal device management, Data exchange with mobile applications

**Sales orders** view:

Current state: All | Execution period: All | Priority: All | Manager: All

Buttons: Create, Add, Edit, Print, Actions, Refresh, Print, Add, Search (Ctrl+F), More actions

Number	Date ↓	Amount	Customer	Current state	Execution period	% of payment	% of shipment	% of debt	Currency	Oper...
SC00-000019	4/29/2017	83,875.00	Alfa	Closed		100	100	-	EUR	Sales
SC00-000021	4/29/2017	1,075,000.00	Alfa Proton	Closed		100	100	-	EUR	Sales
SC00-000023	5/10/2017	53,025.00	Appliances	Ready for supply	5/15/2017	-	-	-	EUR	Sales
SC00-000024	5/10/2017	14,260.00	Appliances (Vladi...	Supply is expected	5/15/2017	-	-	-	EUR	Sales
SC00-000029	5/12/2017	40,527.00	West Street	Ready for supply	5/19/2017	19		19	EUR	Sales
SC00-000025	5/13/2017	336.10	Kikinda (Serbia)	Shipment in progr...	7/3/2017			100	RUB	Sales
SC00-000026	5/15/2017	11,107.40	Retail customer	Closed		-	-	-	EUR	Sales
SC00-000027	5/20/2017	117,625.00	Alfa	Supply is expected	7/16/2017				EUR	Sales
SC00-000028	7/13/2017	117,625.00	Alfa	Supply is expected	7/16/2017				EUR	Sales

See also: [Sales documents \(registered invoices\)](#)



# Sales order

NO Rear attachment; Power take-off shaft; use audio Pioneer TS-SW2002D2; Leather cover (Characteristic of products)

Save and close

Characteristic common for products

Product kind: Tractors

Work name: NO Rear attachment; Power take-off shaft; use audio Pioneer TS-SW2

Print name: NO Rear attachment; Power take-off shaft; Pioneer TS-SW2002D2; Le

- Independent power take-off shaft
- Rear attachment
- Leather cover seat or interior
- Audio system with subwoofer

Audio system: Pioneer TS-SW2002D2

Check for uniqueness

Products characteristics are unique

OK

## Sales order (create) \*

Main Approval My notes Tasks

Post and close Print Reports Files

Status: For completion Priority: Normal Close order

Main Goods (1) Delivery More

Add Fill in Supply Prices and discounts

#	Products	Characteristic	Actions	Series	Content	Quantity	U
1	DT 520		To supply	<series is not s...	<for works registered with ...	1.000	pcs.

2020 February

Jan	Jul	Sun	Mon	Tue	Wed	Thu	Fri	Sat
Feb	Aug	26	27	28	29	30	31	1
Mar	Sep	2	3	4	5	6	7	8
Apr	Oct	9	10	11	12	13	14	15
May	Nov	16	17	18	19	20	21	22
Jun	Dec	23	24	25	26	27	28	29
Today		1	2	3	4	5	6	7

### Product characteristics

Select Create

Search (Ctrl+F)

Description

- Rear attachment; Power take-off shaft; use audio Kenwood KSC-SW11; Leather c...
- Rear attachment; Power take-off shaft; use audio Pioneer TS-SW2002D2; Leather ...

Required shipment date: 2/28/2020 Ship in one day 11/21/2019

Discount: 0.00 VAT: 0.00 Ordered VAT inclusive: 0.00 EUR





# Sales order

← → ☆ Sales order MS00-000001 dated 11/21/2019 4:09:12 PM

Main Approval My notes Tasks

Post and close Print Reports Files More actions

Status: On approval

Main Goods (1) Delivery

Add

# Products

#	Products
1	DT 520

- Acceptance note
- Acquiring transaction
- Assembly (disassembly) order
- Cash receipt statement
- Customer claim
- Goods assignment adjustment
- Inpayment
- Instruction for shipping agent
- Job
- Letter of authority
- Material orders for production
- Material substitution permission
- Production order**
- Proforma invoices
- Purchase order
- Purchase orders
- Sales of goods and services
- Sales order approval
- Transfer order
- Transfer released products to warehouse

Prices and discounts

Series	Content	Quantity	UOM	Price ty
<series is not s...	<for works registered with ...	1.000	pcs.	<custo

Discount: 0.00 VAT: 8,743.73 Ordered \

Messages:

← → Production order (production, assembly) (create) \*

Main My notes Tasks

Post and close Production order Order structure Reports Files More actions ?

Status: Being generated Priority: Normal

Main Products (1) More

Add Fill in

#	Product ID	Products	Characteristic	Assignment	Quantity	UOM
1		DT 520	NO Rear attachment, Power take-off shaft, use audio Pioneer TS-S...		1.000	pcs.

Start not earlier than: 11/21/2019 Required release date: 2/28/2020 Release placement: To finish



**Manufacturing**





# Manufacturing

Production order (production, assembly) MS00-000001 dated 11/21/2019 4:18:13 PM



Main My notes Tasks

Post and close



Production order



Order structure

Reports

Files

More actions



Status: Being generated Priority: Normal

Main: Being generated

Base: For production /2019 4:09:12

Number: Closed 4:18:13 F

Company: Metal Service

Dispatcher department: Dispatching office

Comment:

Structure of production order No. 1 dated 11/21/2019



Stage generation is required

Generate

Products: <without filter> Stage: <without filter>

Hide completed  Show stages Gantt chart Stage details

More actions

Order, products, stage	Sequence	Department	UOM	Quantity			Date by schedule	Execution
				Plan	Actual	Shortage		
Order No. 1, 11/21/201...								
DT 520 / NO Rear ...			pcs.	1.000		1.000		

Designations

Bold is for products

Light gray is for fully manufactured positions

Overdue positions are shown in red

- stage

- manufactured (repaired) product

- product being disassembled



# Manufacturing

← → ★ Structure of production order No. 1 dated 11/21/2019

Stage generation is required **Generate**

Products: <without filter> Stage: <without filter>

Hide completed  Show stages

Order, products, stage	Sequence	Department	UOM	Quantity			Date by schedule	Exec date
				Plan	Actual	Shortage		
Order No. 1, 11/21/2019, demand date 2/28/2020								
DT 520 / NO Rear attachment: Power take-off sh...								
			pcs.	1.000		1.000		
Final Assembly	4	Assembly and weldin...	pcs.	1.000		1.000		
Setting of control mechanism	3	4 Assembly and weldin...	pcs.	1.000		1.000		
Assembly cab	2	3 Plastic product shop	pcs.	1.000		1.000		
Assembly of undercarriage system	1	3 Assembly and weldin...	pcs.	1.000		1.000		
DT.102.01 Frame			pcs.	1.000		1.000		
Welding of frame parts	1	Assembly and weldin...	pcs.	1.000		1.000		
DT.102.02 Track system			pcs.	1.000		1.000		
Assembly	1	Machine shop	pcs.	1.000		1.000		
DT.102.02.01 Tensioner			pcs.	1.000		1.000		
Assembly of Tensioner	1	Assembly and weldin...	pcs.	1.000		1.000		
DT.102.02.02 Track chain			pcs.	1.000		1.000		
Assembly of track chain	1	Machine shop	pcs.	1.000		1.000		

**Generate stages** □ ×

**Generate**

Reserve materials and semi-finished products

In warehouse

Upon receipt

In the absence of stock, replace with substitutes

Calculate production schedule

Use availability reserve

Pass stages for execution

← → ☆ Structure of production order No. 1 dated 11/21/2019

Products: <without filter> Stage: <without filter>

Hide completed  Show stages    More actions ▾

Order, products, stage	Sequence	Department	UOM	Quantity			Date by schedule	Exec date
				Plan	Actual	Shortage		
Order No. 1, 11/21/2019, demand date 2/28/2020								
DT 520 / NO Rear attachment: Power take-off sh...								
			pcs.	1.000		1.000		
Final Assembly	4	Assembly and weldin...	pcs.	1.000		1.000		
Setting of control mechanism	3	4 Assembly and weldin...	pcs.	1.000		1.000		
Assembly cab	2	3 Plastic product shop	pcs.	1.000		1.000		
Assembly of undercarriage system	1	3 Assembly and weldin...	pcs.	1.000		1.000		
DT.102.01 Frame			pcs.	1.000		1.000		
Welding of frame parts	1	Assembly and weldin...	pcs.	1.000		1.000		
DT.102.02 Track system			pcs.	1.000		1.000		
Assembly	1	Machine shop	pcs.	1.000		1.000		
DT.102.02.01 Tensioner			pcs.	1.000		1.000		
Assembly of Tensioner	1	Assembly and weldin...	pcs.	1.000		1.000		
DT.102.02.02 Track chain			pcs.	1.000		1.000		
Assembly of track chain	1	Machine shop	pcs.	1.000		1.000		

- ✓ Designations
- Bold** is for products
  - Light gray is for fully manufactured positions
  - Overdue positions are shown in **red**
  - stage
  - manufactured (repaired) product
  - product being disassembled

- ✓ Designations
- Bold** is for products
  - Light gray is for fully manufactured positions
  - Overdue positions are shown in **red**
  - stage
  - manufactured (repaired) product
  - product being disassembled



# Manufacturing

- Home page
- Products
- Quick menu
- Budgeting and planning
- CRM and marketing
- Sales
- Purchases
- Warehouse and delivery
- Production**
- Cash flow
- Financial result and controlling
- Capital assets
- International financial accounting
- Master data and settings

### Manufacturing reports

- Settings and catalogs
- Order fulfillment states

### Master data

#### Bills of resources

- Work centers
- Availability of work center kinds
- Material substitution permissions
- Operations sheets
- Costing items
- Set up inventory level control
- Production expense standards
- Standard costings

### Intershop management

#### Order queue management

- Stage dispatching
- Production orders

### Shop management

- Stage execution
- Execution of operations
- Material orders for production

### Intrashop accounting

#### Production documents (all)

- Invoices for registration
- Register production without orders
- Allocation of materials and works
- Expense allocation to product cost
- Enter indicators for cost allocation

### Labor costs

- Employee output
- Kinds of employee activities
- Teams

### Repairs

- Facilities
- Repair activities
- Repair orders
- Defect log
- Repair activity planning
- Running time of facilities

### See also

- Reasons for production cancellation
- Expense allocation rules

## Production order queue management

Required release date: <without filter> Priority: <without filter> Dispatcher department: <without filter> Responsible person: <without filter>

Actions: Stage dispatching Order structure Search (Ctrl+F) More actions

	Number	Date	Priority	Production start
✓	MS00-000006	1/11/2017	Normal	1/12/2017
✓	MS00-000001	1/9/2017	Normal	1/10/2017
✓	MS00-000004	1/11/2017	Normal	1/11/2017
✓	MS00-000002	1/10/2017	Normal	1/11/2017
✓	MS00-000005	1/11/2017	Normal	1/12/2017
✓	MS00-000003	1/11/2017	Normal	1/12/2017
✓	MS00-000008	1/4/2017	Normal	1/9/2017
⚠	MS00-000009	1/9/2017	Normal	1/10/2017
✓	MS00-000010	3/1/2017	Normal	3/13/2017
✓	MS00-000011	3/1/2017	Normal	3/6/2017
✓	MS00-000012	3/1/2017	Normal	3/10/2017
✓	MS00-000013	3/1/2017	Normal	3/6/2017
✓	MS00-000014	11/23/2017	Normal	11/23/2018
⚠	SC00-000001	17:31	Normal	10/23/2019

[Generate orders](#)  
[Orders being generated \(0\)](#)  
 Pick orders for which the following is required  
 Generate stages  
 Check stages  
 Plan schedule  
 Pass stages for execution  
 Or by which  
 Supply is required  
 Demand date is violated  
 Everything is produced  
[Supply shop storerooms with materials](#)  
[Closed orders](#)

[Collapse >>](#)



# Manufacturing

Production order queue management

Required release date:  Priority:  Dispatcher department:  Responsible person:

Search (Ctrl+F)

Number	Date	Priority	Production start	Required release date	Dispatcher depar...	Responsible per...	Co...
MS00-000006	1/11/2017	Normal	1/12/2017	1/20/2017	SDC	Leonard Cooper	Ge...
MS00-000001	1/9/2017	Normal	1/10/2017	1/20/2017	SDC	Leonard Cooper	Ex...
MS00-000004	1/11/2017	Normal	1/11/2017	1/25/2017	SDC	Leonard Cooper	Ge...
MS00-000002	1/10/2017	Normal	1/11/2017	1/27/2017	SDC	Leonard Cooper	Ma...
MS00-000005	1/11/2017	Normal	1/12/2017	1/25/2017	SDC	Leonard Cooper	Ge...
MS00-000003	1/11/2017	Normal	1/12/2017	1/31/2017	SDC	Leonard Cooper	Pro...
MS00-000008	1/4/2017	Normal	1/9/2017	1/30/2017	Electronic comp...	Leonard Cooper	Ma...
MS00-000009	1/9/2017	Normal	1/10/2017	2/28/2017	Electronic comp...	Leonard Cooper	
MS00-000010	3/1/2017	Normal	3/13/2017	3/31/2017	SDC	Leonard Cooper	Ex...
MS00-000011	3/1/2017	Normal	3/6/2017	3/14/2017	SDC	Leonard Cooper	Ex...
MS00-000012	3/1/2017	Normal	3/10/2017	3/31/2017	SDC	Leonard Cooper	Ex...
MS00-000013	3/1/2017	Normal	3/6/2017	3/10/2017	SDC	Leonard Cooper	Ex...
MS00-000014	11/23/2017	Normal	11/23/2018	12/6/2018	Electronic comp...	Leonard Cooper	
SC00-000001	10/23/2019	Normal	10/23/2019		Dispatching office	Dan Olsen	
MS00-000001	16:18	Normal	11/21/2019	2/28/2020	Dispatching office	Dan Olsen	

[Generate orders](#)  
[Orders being generated \(0\)](#)  
 Pick orders for which the following is required  
 Generate stages  
 Check stages  
 Plan schedule  
 Pass stages for execution  
 Or by which  
 Supply is required  
 Demand date is violated  
 Everything is produced  
  
[Supply shop storerooms with materials](#)  
[Closed orders](#)

Collapse >>



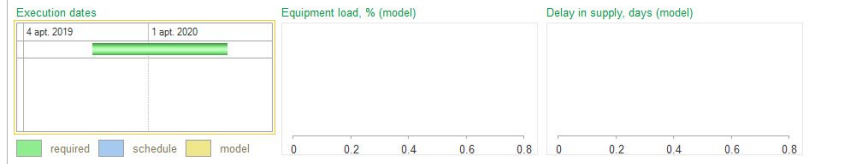
# Manufacturing

Production schedule planning for order No.1 dated 11/21/2019

Plan Save More actions

Summary information Products Stages

	Launch date	Release date	Delay	Duration
Required by order	11/21/2019	2/28/2020		
On schedule	//	//		
By model	//	//		



Order schedule is not relevant. There are stages which require replanning (total: 8).

There are orders with a higher priority that require replanning. It is recommended that you plan them first as it may affect the production schedule of the current order.

## Production order queue management

Required release date: <without filter> Priority: <without filter> Dispatcher department: <without filter> Responsible per: <without filter>

Stage dispatching Order structure Production order

Number	Date	Priority	Production start	Required
MS00-000006	1/11/2017	Normal	1/12/2017	1/20/2017
MS00-000001	1/9/2017	Normal	1/10/2017	1/20/2017
MS00-000004	1/11/2017	Normal	1/11/2017	1/25/2017
MS00-000002	1/10/2017	Normal	1/11/2017	1/27/2017
MS00-000005	1/11/2017	Normal	1/12/2017	1/25/2017
MS00-000003	1/11/2017	Normal	1/12/2017	1/31/2017
MS00-000008	1/4/2017	Normal	1/9/2017	1/30/2017
MS00-000009	1/9/2017	Normal	1/10/2017	2/28/2017
MS00-000010	3/1/2017	Normal	3/13/2017	3/31/2017
MS00-000011	3/1/2017	Normal	3/6/2017	3/14/2017
MS00-000012	3/1/2017	Normal	3/10/2017	3/31/2017
MS00-000013	3/1/2017	Normal	3/6/2017	3/10/2017
MS00-000014	11/23/2017	Normal	11/23/2018	12/6/2018
SC00-000001	10/23/2019	Normal	10/23/2019	
MS00-000001	16:18	Normal	11/21/2019	2/28/2020

Product	Supplier	Order type
SDC	Leonard Cooper	Pro
Electronic comp...	Leonard Cooper	Ma
Electronic comp...	Leonard Cooper	Ex
SDC	Leonard Cooper	Ex
SDC	Leonard Cooper	Ex
SDC	Leonard Cooper	Ex
Electronic comp...	Leonard Cooper	Ex
Dispatching office	Dan Olsen	
Dispatching office	Dan Olsen	

- Or by which
- Supply is required
  - Demand date is violated
  - Everything is produced

[Supply shop storerooms with materials](#)

[Closed orders](#)

Collapse >>



# Manufacturing

← → ☆ Production schedule planning for order No.1 dated 11/21/2019

**Plan** Save

Summary information Products Stages

	Launch date	Release date	Delay	Duration
Required by order	11/21/2019	2/28/2020		
On schedule	//	//		
By model	//	//		

Execution dates

4 apt. 2019	1 apt. 2020

Equipment load, % (model)

Delay in supply, days (model)

Legend: required (green), schedule (blue), model (yellow)

Order schedule is not relevant. There are stages which require replanning (total: 8).

⚠ There are orders with a higher priority that require replanning. It is recommended that you plan them first as it may affect the production schedule of the current order.

☆ Planning settings

**Plan** More actions ▾

Plan schedule  
Material and equipment limits are taken into account while planning.

Use availability reserve

Plan model  
One or several limits are ignored while planning. The schedule model allows you to evaluate the impact of limits to the product release time.

Use availability reserve

**Accept assumptions**

All materials in stock

Unlimited equipment fleet

Twenty-four hour operation without weekends (24/7)

No other orders

**Other settings**

Full replanning

Discard manual changes of schedule

Plan the schedule of all stages that require recalculation except for stages placed manually.



# Manufacturing

Production schedule planning for order No.1 dated 11/21/2019 \*

Plan Save

More actions

Summary information Products Stages

	Launch date	Release date	Delay	Duration
Required by order	11/21/2019	2/28/2020		
On schedule	2/ 4/2020	2/27/2020		23 days
By model	2/11/2020	2/27/2020		16 days

Execution dates

Start	End	Category
4 apt. 2019	1 apt. 2020	required
		schedule
		model

Equipment load, % (model)

Delay in supply, days (model)  
No delays in supply

Order production schedule

Order: Production order MS00-000001 dated 11/21/2019 4:18:13 PM

Display mode:  By departments  By work center kinds  By starting batches

Order schedule is relevant.

⚠ There are orders with a higher priority that require replanning. It is recommended that you plan them first as it may affect the production schedule of the current order.

Generate

More actions

	2/2/2020	2/9/2020	2/16/2020	2/23/2020
DT.102.02.02 Track chain	[Green bar]			
DT.102.02.01 Tensioner	[Green bar]			
DT.102.01 Frame	[Green bar]			
DT.102.02 Track system	[Green bar]			
DT 520	[Green bar]			



# Production schedule planning for order No.1 dated 11/21/2019



Plan

Save

More actions

Summary information Products Stages

Only ones which delay the order

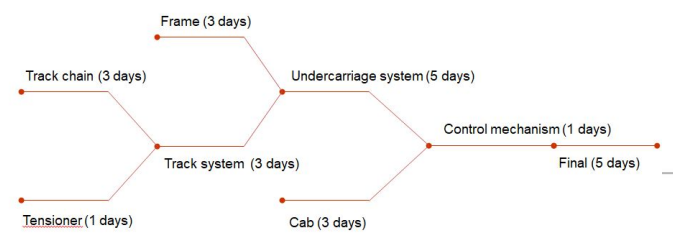
Diagnostics Gantt chart

Search (Ctrl+F)



More actions

		Stage	Department	Start	End
		MS00-1.16.1, Assembly of track ...	Machine shop	2/4/2020	2/6/2020
		MS00-1.17.1, Assembly of Tensio...	Assembly and welding shop	2/6/2020	2/6/2020
		MS00-1.18.1, Welding of frame pa...	Assembly and welding shop	2/7/2020	2/11/2020
		MS00-1.19.1, Assembly	Machine shop	2/7/2020	2/11/2020
		MS00-1.20.1, Assembly of under...	Assembly and welding shop	2/12/2020	2/18/2020
		MS00-1.20.2, Assembly cab	Plastic product shop	2/14/2020	2/18/2020
		MS00-1.20.3, Setting of control m...	Assembly and welding shop	2/19/2020	2/19/2020
		MS00-1.20.4, Final Assembly	Assembly and welding shop	2/20/2020	2/27/2020



## Designations

- stage schedule planning is required - stage delays the order





# Manufacturing

## Production order queue management

Required release date: <without filter> Priority: <without filter> Dispatcher department: <without filter> Respons: <without filter>

Actions Stage dispatching Order structure Search (Ctrl+F)

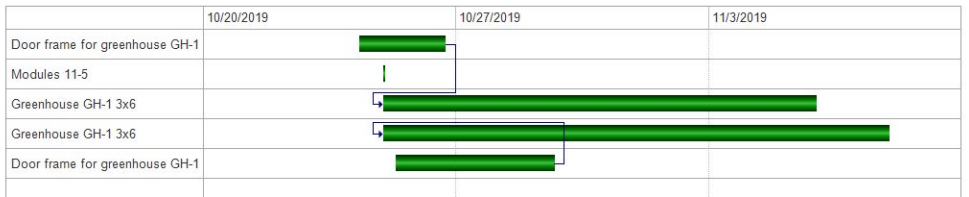
Number	Production start
MS00-00000	2/2/2017
MS00-00000	0/2/2017
MS00-00000	1/2/2017
MS00-00000	1/2/2017
MS00-00005	1/11/2017 Normal 1/12/2017
MS00-00003	1/11/2017 Normal 1/12/2017
MS00-00008	1/4/2017 Normal 1/9/2017
MS00-00009	1/9/2017 Normal 1/10/2017
MS00-00010	3/1/2017 Normal 3/13/2017
MS00-00011	3/1/2017 Normal 3/6/2017
MS00-00012	3/1/2017 Normal 3/10/2017
MS00-00013	3/1/2017 Normal 3/6/2017
MS00-00014	11/23/2017 Normal 11/23/2018
SC00-00001	10/23/2019 Normal 10/23/2019

### Order production schedule

Order: Production order SC00-000001 dated 10/23/2019 5:31:39 PM

Display mode:  By departments  By work center kinds  By starting batches

**Generate** More actions

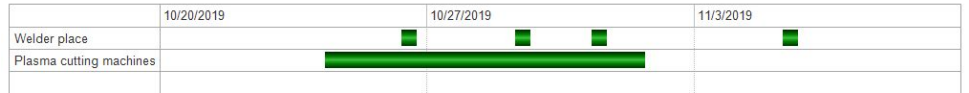


### Order production schedule

Order: Production order SC00-000001 dated 10/23/2019 5:31:39 PM

Display mode:  By departments  By work center kinds  By starting batches

**Generate** More actions

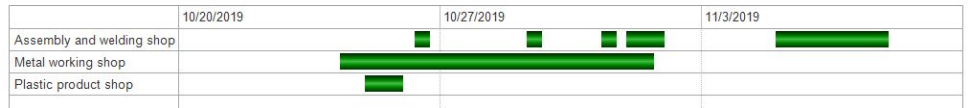


### Order production schedule

Order: Production order SC00-000001 dated 10/23/2019 5:31:39 PM

Display mode:  By departments  By work center kinds  By starting batches

**Generate** More actions





# Manufacturing

Demonstration base / 1C:ERP WE (1C:Enterprise)

- Home page
- Products
- Quick menu
- Budgeting and planning
- CRM and marketing
- Sales
- Purchases
- Warehouse and delivery
- Production**
- Cash flow
- Financial result and controlling
- Capital assets
- International financial accounting
- Master data and settings

### Manufacturing reports

- Settings and catalogs
- Order fulfillment states

### Master data

- Bills of resources**
- Work centers
- Availability of work center kinds
- Material substitution permissions
- Operations sheets
- Costing items
- Set up inventory level control
- Production expense standards
- Standard costings

### Intershop management

- Order queue management
- Stage dispatching**
- Production orders

### Shop management

- Stage execution
- Execution of operations
- Material orders for production

### Intrashop accounting

- Production documents (all)**
- Invoices for registration
- Register production without orders
- Allocation of materials and works
- Expense allocation to product cost
- Enter indicators for cost allocation

### Labor costs

- Employee output
- Kinds of employee activities
- Teams

### Repairs

- Facilities
- Repair activities
- Repair orders
- Detect log
- Repair activity planning
- Running time of facilities

### See also

- Reasons for production cancellation
- Expense allocation rules

← → ☆ Stage dispatching

Dispatcher department: Department: Status: Start: Order:

<without filter> <without filter> <without filter> <without filter> <without filter>

Actions Show Filter Supply state Search (Ctrl+F)

Stage	State	Department	Start date	End date	Delay	Required supply date
MS00-1.12.1, Manufacturing	Completed	Electronic compon...	12/3/2018	12/4/2018	1 days	12/3/2018
MS00-1.8.2, Assembly	Completed	Electronic compon...	12/5/2018	12/5/2018	2 days	12/5/2018
SC00-1.2.1, Profile cutting	Generated, Ready for fulfillment	Metal working shop	10/24/2019	10/25/2019		10/23/2019
SC00-1.1.1, Step 1	Generated, Ready for fulfillment	Metal working shop	10/25/2019	10/25/2019		10/23/2019
SC00-1.4.4, Polycarbonate cutting	Generated, Ready for fulfillment	Plastic product shop	10/25/2019	10/25/2019		10/23/2019
SC00-1.5.4, Polycarbonate cutting	Generated, Ready for fulfillment	Plastic product shop	10/25/2019	10/25/2019		10/23/2019
SC00-1.3.1, Profile cutting	Generated, Ready for fulfillment	Metal working shop	10/25/2019	10/28/2019		10/23/2019
SC00-1.2.2, Welding of door blanks	Generated	Assembly and weld...	10/26/2019	10/26/2019		10/24/2019
SC00-1.4.1, Profile cutting	Generated, Ready for fulfillment	Metal working shop	10/28/2019	10/30/2019		10/23/2019
SC00-1.3.2, Welding of door blanks	Generated	Assembly and weld...	10/29/2019	10/29/2019		10/24/2019
SC00-1.5.1, Profile cutting	Generated, Ready for fulfillment	Metal working shop	10/30/2019	11/1/2019		10/23/2019
SC00-1.4.2, Frame welding	Generated	Assembly and weld...	10/31/2019	10/31/2019		10/24/2019
SC00-1.4.3, Door installation	Generated	Assembly and weld...	11/1/2019	11/1/2019		10/25/2019
SC00-1.4.5, Lining	Generated	Assembly and weld...	11/5/2019	11/5/2019		10/26/2019
SC00-1.5.2, Frame welding	Generated	Assembly and weld...	11/5/2019	11/5/2019		10/24/2019
SC00-1.5.3, Door installation	Generated	Assembly and weld...	11/6/2019	11/6/2019		10/25/2019
SC00-1.5.5, Lining	Generated	Assembly and weld...	11/7/2019	11/7/2019		10/26/2019

More actions

Pick stages with status

- Clarification is required
- Ready for fulfillment
- Awaiting predecessors
- Awaiting start
- Awaiting completion
- Completed

And with status

- Planning is required
- Supply is required
- Assignment of operations is required
- Require population by operations
- Overdue
- On critical path
- Delay the order

Collapse >>



**Supply**



# Purchases

- Bills of resources x Mod
- Quick menu
- Budgeting and planning
- CRM and marketing
- Sales
- Purchases**
- Warehouse and delivery
- Production
- Cash flow
- Financial result and controlling
- Capital assets
- International financial accounting
- Master data and settings

Purchasing reports  
**Order fulfillment states**

### Purchase master data

- Suppliers
- Contracts with suppliers
- Agreements with suppliers
- Supplier prices (price lists)
- Product certificates

### Purchases

- Purchase orders**
- Purchase documents (all)**
- Invoices for registration
- Letters of authority for goods receipt
- CCD for registration
- Delivery from suppliers
- Package return and redemption
- Redemptions to register
- Write-off from storage for registration

### Settlements with suppliers

- Create payment requests**
- Requests for approval
- Reconciliations

### Consignment purchases

- Reports to consignors

See also

- Purchase order cancellation reasons
- Supplier packing lists

### Create

- Purchase order

### Tools

- Additional data processors
- Export goods database to PDT
- Import supplier prices from file

Order fulfillment states

Warehouse: <without filter> Manager: <without filter> Products: <without filter>

Generate Customize list More actions

Order, Customer / No, Products, Characteristic	Status/Unit of measure	Reserve		To supply		Actions	Warehouse
		In warehouse	In all warehouses	Quantity	Delivery date		

- Designations
- products are available
  - products are partially available
  - products are unavailable
  - necessary shipment date
  - available shipment date
  - available shipment date matches the necessary date
  - reserve later (supply chain failure)
  - reserve later (closer to necessary date)
  - reserve earlier (closer to necessary date)
  - it stops the shipment of your order
  - same date shipment



# Purchases

Order fulfillment states



Warehouse: <without filter> Manager: <without filter> Products: <without filter>

Generate Customize list

More actions

Order, Customer / No, Products, Characteristic	Status/Unit of measure	Reserve to date		Reserve	To supply		Actions
		10/25/2019	10/26/2019		In all warehouses	Quantity	
3 Etching solution <characteristics are not...>	l				92.000	10/24/2019	<a href="#">Reserve</a>
4 Tin GOST 860-75 <characteristics are not...>	kg				6.000	10/24/2019	<a href="#">Reserve</a>
<b>Production stage MS00-9.6.1 from 1/10/2017</b>	<b>For completion</b>						<a href="#">Actions with the order...</a>
1 Wire MM - 1.9 TU 16.K... <characteristics are not...>	m				16.000	10/24/2019	<a href="#">Reserve</a>
<b>Production stage MS00-9.7.1 from 1/10/2017</b>	<b>For completion</b>						<a href="#">Actions with the order...</a>
1 Wire MM - 1.9 TU 16.K... <characteristics are not...>	m				8.000	10/24/2019	<a href="#">Reserve</a>
<b>Production stage MS00-9.8.1 from 1/10/2017</b>	<b>For completion</b>						<a href="#">Actions with the order...</a>
1 Cutting fluid CRC 03400... <characteristics are not...>	l				240.000	10/24/2019	
2 Round bar 12 S355 <characteristics are not...>	kg				30.000	10/24/2019	<a href="#">Reserve</a>
3 Casting mold cleaning ... <characteristics are not...>	l				52.000	10/24/2019	<a href="#">Reserve</a>
4 Electrode for electroche... <characteristics are not...>	kg				6.000	10/24/2019	<a href="#">Reserve</a>
<b>Production stage MS00-9.9.1 from 1/10/2017</b>	<b>For completion</b>						<a href="#">Actions with the order...</a>
1 Sheet 0.8 T30102 <characteristics are not...>	kg				4.000	10/24/2019	<a href="#">Reserve</a>
2 Abrasive particle No. 4 <characteristics are not...>	kg				100.000	10/24/2019	<a href="#">Reserve</a>
3 Etching solution <characteristics are not...>	l				52.000	10/24/2019	<a href="#">Reserve</a>
4 Electrode for electroche... <characteristics are not...>	kg				6.000	10/24/2019	<a href="#">Reserve</a>
<b>Production stage MS00-9.10.1 from 1/10/2017</b>	<b>For completion</b>						<a href="#">Actions with the order...</a>
1 Sheet 0.6 S41000 <characteristics are not...>	kg				2.000	10/24/2019	<a href="#">Reserve</a>
2 Abrasive particle No. 4 <characteristics are not...>	kg				100.000	10/24/2019	<a href="#">Reserve</a>

Designations

- products are available
- products are partially available
- products are unavailable
- necessary shipment date
- available shipment date
- available shipment date matches the necessary date
- reserve later (supply chain failure)
- reserve later (closer to necessary date)
- reserve earlier (closer to necessary date)
- it stops the shipment of your order
- same date shipment

📅	🔍	⚙️	Stage	State	Department	Start date ↓	End date	Delay	Required supply date
🔍	📄	⚙️	MS00-2.6.1, Assembly of Tensioner	Generated, Ready for fulfillment	Assembly and welding shop	12/9/2019	12/9/2019		12/9/2019
🔍	📄	⚙️	MS00-2.7.1, Welding of frame parts	Generated, Ready for fulfillment	Assembly and welding shop	12/9/2019	12/11/2019		12/9/2019
🔍	📄	🗑️	MS00-2.8.1, Assembly of track chain	Generated, Ready for fulfillment	Machine shop	12/9/2019	12/11/2019		12/9/2019
🔍	📄	⚙️	MS00-2.10.2, Assembly cab	Generated, Ready for fulfillment	Plastic product shop	12/9/2019	12/11/2019		12/9/2019
🔍	📄	🗑️	MS00-2.9.1, Assembly	Generated	Machine shop	12/12/2019	12/16/2019		12/12/2019
🔍	📄	🗑️	MS00-2.10.1, Assembly of undercarriage system	Generated	Assembly and welding shop	12/17/2019	12/23/2019		12/15/2019
🔍	📄	🗑️	MS00-2.10.3, Setting of control mechanism	Generated	Assembly and welding shop	12/24/2019	12/24/2019		12/20/2019
🔍	📄	🗑️	MS00-2.10.4, Final Assembly	Generated	Assembly and welding shop	12/25/2019	12/31/2019		12/21/2019

- Pick stages with status**
- 🗑️ Clarification is required
  - ➔ Ready for fulfillment
  - 🗑️ Awaiting predecessors
  - ▶ Awaiting start
  - ✓ Awaiting completion
  - ✓ Completed
- And with status**
- 📅 Planning is required
  - 🗑️ Supply is required
  - 🗑️ Assignment of operations is required
  - 🗑️ Require population

← → ☆ **Order fulfillment states** ↻

Order, Customer / No, Products, Characteristic	Status/Unit of measure	Reserve	Reserve to date	Reserve	To supply		Actions	Warehouse
		In warehouse	12/9/2019	In all warehouses	Quantity	Delivery date		
<b>Production stage MS00-2.7.1 from 11/22/2019</b>	<b>Generated</b>		🗑️			🗑️		
1 Balk <characteristics are ...>	pcs.				2.000	11/29/2019		Rostselmash: Material warehouse
2 Beam <characteristics are ...>	pcs.				2.000	11/29/2019		Rostselmash: Material warehouse
3 Lining <characteristics are ...>	pcs.				2.000	11/29/2019		Rostselmash: Material warehouse
4 Bracket <characteristics are ...>	pcs.				12.000	11/29/2019		Rostselmash: Material warehouse

- 📄 **Designations**
- products are available
  - products are partially available
  - products are unavailable
  - 🗑️ - necessary shipment date
  - 🗑️ - available shipment date
  - 🗑️ - available shipment date matches the necessary date
  - 🔴 ➔ - reserve later (supply chain failure)
  - ➔ - reserve later (closer to necessary date)
  - 🔵 ➔ - reserve earlier (closer to necessary date)
  - 🗑️ - it stops the shipment of your order



# Purchases

← → ☆ Stage dispatching

Dispatcher department: <without filter> Department: <without filter> Status: <without filter> Start: <without filter> Order: No. MS00-000002 from 11/22/2019

Actions Show Supply state

Search (Ctrl+F)

Stage	State	Department	Start date	End date	Delay	Required supply date
MS00-2.6.1. Assembly of Tensioner	Generated, Ready for fulfillment	Assembly and welding shop	12/9/2019	12/9/2019		12/9/2019
MS00-2.7.1. Welding of frame parts	Generated, Ready for fulfillment	Assembly and welding shop	12/9/2019	12/11/2019		12/9/2019
MS00-2.8.1. Assembly of track chain	Generated, Ready for fulfillment	Machine shop	12/9/2019	12/11/2019		12/9/2019
MS00-2.10.2. Assembly cab	Generated, Ready for fulfillment					
MS00-2.9.1. Assembly	Generated					
MS00-2.10.1. Assembly of undercarriage system	Generated					
MS00-2.10.3. Setting of control mechanism	Generated					
MS00-2.10.4. Final Assembly	Generated					

MS00-2.7.1, Welding of frame parts (Production stage)

Main My notes Tasks

Post and close

Number: MS00-2.7.1 from:

Main Supply (4) Release (1)

#	Products
1	Balk
2	Beam
3	Lining
4	Bracket

- Employee output
- Goods assignment adjustment
- Internal acceptance note
- Job
- Placement of products in bins (for reference)
- Production operation
- Purchase order
- Purchase orders**
- Return of materials from production
- Standard costing
- Transfer of materials to production
- Transfer released products

Warehouse	Shipment date	Quantity	UOM	Produced in process
Rostselmash: Ma...	12/9/2019	2.000	pcs.	<input type="checkbox"/>
Rostselmash: Ma...	12/9/2019	2.000	pcs.	<input type="checkbox"/>
Rostselmash: Ma...	12/9/2019	2.000	pcs.	<input type="checkbox"/>
Rostselmash: Ma...	12/9/2019	12.000	pcs.	<input type="checkbox"/>

Required supply date: 12/9/2019 Ship in one day





More actions ▾

Filters by demand properties

Warehouse:  ▾ ✕

Receiving department:  ▾ ✕

Assignment:  ▾ ✕

Line of business:  ▾ ✕

Product segment:  ▾ ✕

Products:  ... ✕

Brand:  ▾ ✕

Category:  ▾ ✕

Filters by supply method parameters

Department:  ▾ ✕

Supply type: Purchase

Supply source:  ... ✕

[Custom filters](#)

### Warehouses and stores

Select [📄] [📁] [📄] [📄] Usage instances Search (Ctrl+F) ✕ 🔍 ▾ More actions ▾

Description	Department
📁 Manufacturing	
📁 Rostselmash	
= Rostselmash: Commercial department warehouse	Commercial department
= Rostselmash: Material warehouse	
= Rostselmash: Semi-finished product warehouse	
📁 Shop storerooms	
📁 Warehouses	
📁 Trading activity	
📁 Customs terminals	
📁 Retail warehouses	
📁 Wholesale warehouses	

⏪ ⏩ ⏴ ⏵

[Configure inventory level control](#)

[Configure consumption statistics calculation](#)

Next > Close



# Purchases

## ☆ Generation of orders based on demands

Step 2 of 5. Customize supply methods

Fill in "Goods to order" ▾

Supply method	Before the order on schedule	Goods to order
<input checked="" type="checkbox"/> Rostselmash: Purchase, 5 days	<only for deliveries on sched...	Order point reached

< Back

## ☆ Generation of orders based on demands

Step 2 of 5. Customize supply methods

Fill in "Goods to order" ▾

Supply method	Before the order on schedule	Goods to order	Delivery date	Next delivery date
<input checked="" type="checkbox"/> Rostselmash: Purchase, 5 days	<only for deliveries on sched...	Order point reached	11/29/2019	<only for schedule...

< Back

Next >

Close

☆ Rostselmash: Purchase, 5 days (Demand fulfillment method)

Save and close Save More actions ▾

Supply type:  Purchase  Transfer  Assembly  Production

This fulfillment method allows you to generate purchase orders.

Description: Rostselmash: Purchase, 5 days

Use to work:

With multiple suppliers

With one supplier: BT Corporation

Planning parameters of this fulfillment method are applied to order from only one supplier.

Planning parameters: Order registration

Purchase period: 5 days

Purchase order fulfillment period. Allows you to determine the closest possible date for goods (package, works) receipt.

Order generation rule:

Order when the order point is reached

Order on schedule

"Order point" is the date by which the order must be placed to meet the demand.

Covered period: 10 days

Order on schedule: Orders are generated regularly on fixed dates based on the supply schedule.

The earliest delivery date: 12/2/2019

Next delivery date: 3/31/2020

The order includes all demands of the period prior to the date of the next delivery.

Guaranteed shipment period: 5 days

Used when goods (services) shipment date is calculated upon acceptance of orders to fulfillment. Set with margin in respect of order due date.

Calculate earliest delivery date and shipment date when accepting orders to supply

Date of purchase order placement: 11/22/2019

Date of receipt against the order: 12/2/2019

Covered period until: 3/31/2020

Shipment date of the orders to supply: 12/2/2019

# Generation of orders based on demands



Step 4 of 5. Orders for shipment

Only checked Priority:  For shipment from:  to:   Only not supplied

Order	Products, Characteristic	UOM	Required	Shipment date	Order shipment date	To order	Supply method	Supply ...	Delivery date	Order pa
Production stage MS00-2.1...	Crank axle	pcs.	2.000	12/9/2019	12/9/2019	<input checked="" type="checkbox"/>	Rostselmash: Purchase, 5 days	BT Corpora...	12/9/2019	
Production stage MS00-2.1...	Guide wheel	pcs.	8.000	12/9/2019	12/9/2019	<input checked="" type="checkbox"/>	Rostselmash: Purchase, 5 days	BT Corpora...	12/9/2019	
Production stage MS00-2.1...	Shock absorber	pcs.	2.000	12/9/2019	12/9/2019	<input checked="" type="checkbox"/>	Rostselmash: Purchase, 5 days	BT Corpora...	12/9/2019	
Production stage MS00-2.1...	Tension bolt	pcs.	8.000	12/9/2019	12/9/2019	<input checked="" type="checkbox"/>	Rostselmash: Purchase, 5 days	BT Corpora...	12/9/2019	
Production stage MS00-2.1...	Balk	pcs.	4.000	12/9/2019	12/9/2019	<input checked="" type="checkbox"/>	Rostselmash: Purchase, 5 days	BT Corpora...	12/9/2019	
Production stage MS00-2.1...	Beam	pcs.	4.000	12/9/2019	12/9/2019	<input checked="" type="checkbox"/>	Rostselmash: Purchase, 5 days	BT Corpora...	12/9/2019	
Production stage MS00-2.1...	Bracket	pcs.	24.000	12/9/2019	12/9/2019	<input checked="" type="checkbox"/>	Rostselmash: Purchase, 5 days	BT Corpora...	12/9/2019	
Production stage MS00-2.1...	Lining	pcs.	4.000	12/9/2019	12/9/2019	<input checked="" type="checkbox"/>	Rostselmash: Purchase, 5 days	BT Corpora...	12/9/2019	
Production stage MS00-2.1...	Hinghinge	pcs.	160.000	12/9/2019	12/9/2019	<input checked="" type="checkbox"/>	Rostselmash: Purchase, 5 days	BT Corpora...	12/9/2019	
Production stage MS00-2.1...	Track chain link	pcs.	84.000	12/9/2019	12/9/2019	<input checked="" type="checkbox"/>	Rostselmash: Purchase, 5 days	BT Corpora...	12/9/2019	
Production stage MS00-2.2...	Leather	m2	8.000	12/9/2019	12/9/2019	<input checked="" type="checkbox"/>	Rostselmash: Purchase, 5 days	BT Corpora...	12/9/2019	
Production stage MS00-2.2...	Pioneer TS-SW2002D2	pcs.	2.000	12/9/2019	12/9/2019	<input checked="" type="checkbox"/>	Rostselmash: Purchase, 5 days	BT Corpora...	12/9/2019	
Production stage MS00-2.1...	Balancer	pcs.	8.000	12/12/2019	12/12/2019	<input checked="" type="checkbox"/>	Rostselmash: Purchase, 5 days	BT Corpora...	12/12/2019	
Production stage MS00-2.1...	Drive Sprocket	pcs.	40.000	12/12/2019	12/12/2019	<input checked="" type="checkbox"/>	Rostselmash: Purchase, 5 days	BT Corpora...	12/12/2019	
Production stage MS00-2.1...	Midroller	pcs.	8.000	12/12/2019	12/12/2019	<input checked="" type="checkbox"/>	Rostselmash: Purchase, 5 days	BT Corpora...	12/12/2019	
Production stage MS00-2.2...	Balancer	pcs.	8.000	12/15/2019	12/15/2019	<input type="checkbox"/>	Rostselmash: Purchase, 5 days	BT Corpora...	12/15/2019	
Production stage MS00-2.2...	Brake mechanism	pcs.	2.000	12/20/2019	12/20/2019	<input type="checkbox"/>	Rostselmash: Purchase, 5 days	BT Corpora...	12/20/2019	
Production stage MS00-2.2...	Turning mechanism	pcs.	2.000	12/20/2019	12/20/2019	<input type="checkbox"/>	Rostselmash: Purchase, 5 days	BT Corpora...	12/20/2019	

Crank axle, Rostselmash: Material warehouse: Total to order: 2 pcs. (by inventory: 0, by orders: 2), Amount: -0 USD

## Orders to be registered

Supply source	Supply method	Receipt date	Agreement with supplier	Agreement currency	Amount (in the agreement currency)	Amount (USD)	Lines in order	Weight (kg)
<input checked="" type="radio"/> BT Corporation						~ 0.00	15	~ 0.000
	Rostselmash: Purchase, 5 days	12/9/2019				~ 0.00	12	~ 0.000
	Rostselmash: Purchase, 5 days	12/12/2019				~ 0.00	3	~ 0.000
						0.00	15	0.000

< Back

Next >

Close

Post and close

Status: Confirmed

Main Goods (25) Delivery

Add

#	Supplier products
1	
2	
3	
4	
5	
6	
7	
8	
9	Shock absorber <characteristics a...
10	Tension bolt <characteristics a...
11	Track chain link <characteristics a...
12	Hinghing <characteristics a...
13	Balancer <characteristics a...
14	Midroller <characteristics a...
15	Drive Sprocket <characteristics a...
16	Balancer <characteristics a...
17	Turning mechanism <characteristics a...
18	Brake mechanism <characteristics a...
19	Hood <characteristics a...
20	Lighting devices <characteristics a...
21	Alarm devices <characteristics a...

- Cash voucher
- Goods acceptance for storage
- Instruction for shipping agent
- Job
- Letter of authority
- Non-cash payment
- Packing list
- Payment request
- Product pricing
- Purchase of goods and services**
- Purchase order approval
- Supplier price registration

### Stock balance and availability

Warehouse: Rostselmash: Material warehouse Product ID:

**Run report** Set up... Find...

Data parameters: Goods quantity: In storage units  
Filter: Warehouse Equal to "Rostselmash: Material warehouse"

Warehouse	Product ID	Products, Characteristic	UOM	Now In stock	Being shipped	In reserve	Available	Expected Receipt	Consumption	Remaining quantity
Rostselmash: Material warehouse										
		Alarm devices,	pcs.	4.000			4.000			4.000
		Balancer,	pcs.	16.000			16.000			16.000
		Balk,	pcs.	4.000			4.000			4.000
		Beam,	pcs.	4.000			4.000			4.000
		Bracket,	pcs.	24.000			24.000			24.000
		Brake mechanism,	pcs.	2.000			2.000			2.000
		Compressor,	pcs.	2.000			2.000			2.000
		Crank axle,	pcs.	2.000			2.000			2.000
		Drive Sprocket,	pcs.	40.000			40.000			40.000
		Guide wheel,	pcs.	8.000			8.000			8.000
		Heating system,	pcs.	2.000			2.000			2.000
		Hinghing,	pcs.	160.000			160.000			160.000
		Hood,	pcs.	2.000			2.000			2.000
		Leather,	m2	8.000			8.000			8.000
		Lighting devices,	pcs.	16.000			16.000			16.000
		Lining,	pcs.	4.000			4.000			4.000
		Midroller,	pcs.	8.000			8.000			8.000
		Pioneer TS-SW2002D2,	pcs.	2.000			2.000			2.000
		Power take-off shaft,	pcs.	2.000			2.000			2.000
		Shock absorber,	pcs.	2.000			2.000			2.000
		Tension bolt,	pcs.	8.000			8.000			8.000
		Track chain link,	pcs.	84.000			84.000			84.000
		Turning mechanism,	pcs.	2.000			2.000			2.000
		Ventilation system,	pcs.	2.000			2.000			2.000
<b>Total</b>										

40.000	pcs.	DT Materials	100.00		4.000.00	18%
8.000	pcs.	DT Materials	100.00		800.00	18%
2.000	pcs.	DT Materials	100.00		200.00	18%
2.000	pcs.	DT Materials	100.00		200.00	18%
2.000	pcs.	DT Materials	100.00		200.00	18%
16.000	pcs.	DT Materials	100.00		1,600.00	18%
4.000	pcs.	DT Materials	100.00		400.00	18%

Required receipt date: / /  One date receipt

# Order fulfillment states

Warehouse:  Manager:  Products:

Order, Customer / No, Products, Characteristic	Status/Unit of measure	Reserve	Reserve to date					Reserve	To su	
		In warehouse	11/22/2019	12/9/2019	12/12/2019	12/15/2019	12/20/2...	12/21/2019	In all warehouses	Quantity
3 Shock absorber <characteristics are ...>	pcs.								2.000	
4 Tension bolt <characteristics are ...>	pcs.								8.000	
<b>Production stage MS00-2.17.1 from 11/22/2019</b>		<b>Generated</b>								
1 Balk <characteristics are ...>	pcs.								4.000	
2 Beam <characteristics are ...>	pcs.								4.000	
3 Lining <characteristics are ...>	pcs.								4.000	
4 Bracket <characteristics are ...>	pcs.								24.000	
<b>Production stage MS00-2.18.1 from 11/22/2019</b>		<b>Generated</b>								
1 Track chain link <characteristics are ...>	pcs.								84.000	
2 Hinghinge <characteristics are ...>	pcs.								160.000	
<b>Production stage MS00-2.20.2 from 11/22/2019</b>		<b>Generated</b>								
1 Leather <characteristics are ...>	m2								8.000	
2 Pioneer TS-SW2002D2 <characteristics are ...>	pcs.								2.000	
<b>Production stage MS00-2.19.1 from 11/22/2019</b>		<b>Generated</b>								
2 Balancer <characteristics are ...>	pcs.								8.000	
3 Midroller <characteristics are ...>	pcs.								8.000	
4 Drive Sprocket <characteristics are ...>	pcs.								40.000	
<b>Production stage MS00-2.20.1 from 11/22/2019</b>		<b>Generated</b>								
3 Balancer <characteristics are ...>	pcs.								8.000	
<b>Production stage MS00-2.20.3 from 11/22/2019</b>		<b>Generated</b>								

- Designations
- products are available
  - products are partially available
  - products are unavailable
  -  - necessary shipment date
  -  - available shipment date
  -  - available shipment date matches the necessary date
  -  - reserve later (supply chain failure)
  -  - reserve later (closer to necessary date)
  -  - reserve earlier (closer to necessary date)
  -  - it stops the shipment of your order
  -  - same date shipment



# Manufacturing

← → ☆ Stage dispatching

Dispatcher department: <without filter> Department: <without filter> Status: <without filter> Start: <without filter>

Actions Show Filter Supply state Search (Ctrl)

Stage	State	Department
MS00-2.16.1, Assembly of Tensioner	Completed	Assembly ar
MS00-2.17.1, Welding of frame parts	Completed	Assembly ar
MS00-2.18.1, Assembly of track chain	Completed	Machine shc
<b>MS00-2.20.2, Assembly cab</b>	Completed	Plastic prod
MS00-2.19.1, Assembly	Generated, Ready for fulfilment	Machine shc
MS00-2.20.1, Assembly of undercarriage system	Generated	Assembly ar
MS00-2.20.3, Setting of control mechanism	Generated	Assembly and welding shop 12/24/2019
MS00-2.20.4, Final Assembly	Generated	Assembly and welding shop 12/25/2019

MS00-2.17.1, Welding of frame parts (Production stage)

Main My notes Tasks

Post and close Print Reports Order structure More actions

Number: MS00-2.17.1 from: 11/22/2019 1:10:48 PM Status: Completed Close stage

Main Supply (4) Consumption (4) Release (1) Labor costs (1) M Being generated  
Generated  
For completion  
Started  
Completed

Order: Production order MS00-000002 dated 11/22/2019 11:55:58 AM  
Description: Welding of frame parts  
Department: Assembly and welding shop  
Bill of materials: Frame DT\_DT.102.01 Frame show stages

Production: from 12/9/2019 to 12/11/2019  
Plan:  by total duration 3 days ?  
 by work center kind availability  
 manually  
 plan not earlier than

Scheduled: 2.000 pcs. Started: 11/22/2019 03:16 P Reason for delay:  
Completed: 2.000 pcs. Completed: 11/22/2019 03:16 P

← → Linked documents

Update Display for the current one More actions

Production order MS00-000002 dated 11/22/2019 11:55:58 AM

- Assembly and welding shop, MS00-2.20.1, 11/22/2019 (Production stage) (Assignment)
- Assembly and welding shop, MS00-2.17.1, 11/22/2019 (Production stage) (Assignment)
- Production order (MS00-2.17,11/22/2019); Cost group: Frame DT (Production batch)

**Production stage MS00-2.17.1 dated 11/22/2019 1:10:48 PM**

- Employee output 0000000072 dated 11/22/2019 3:17:33 PM to the amount of 4,000 EUR
- Transfer of products from production MS00-000002 dated 11/22/2019 3:23:10 PM



# Stock

## ★ Stock balance and availability

Warehouse: Rostselmash: Material warehouse  Product ID:

**Run report** Set up... Find...

### Stock balance and availability

Data parameters: Goods quantity: In storage units  
 Filter: Warehouse Equal to "Rostselmash: Material warehouse"

Warehouse Product ID	Products, Characteristic	UOM	Now			Expected Receipt	Consumpt
			In stock	Being shipped	In reserve		
Rostselmash: Material warehouse							
	Alarm devices,	pcs.	4.000		4.000		4.000
	Balancer,	pcs.	16.000	8.000	8.000		16.000
	Balk,	pcs.	4.000	4.000			4.000
	Beam,	pcs.	4.000	4.000			4.000
	Bracket,	pcs.	24.000	24.000			24.000
	Brake mechanism,	pcs.	2.000		2.000		2.000
	Compressor,	pcs.	2.000		2.000		2.000
	Crank axle,	pcs.	2.000	2.000			2.000
	Drive Sprocket,	pcs.	40.000				40.000
	Guide wheel,	pcs.	8.000	8.000			8.000
	Heating system,	pcs.	2.000		2.000		2.000
	Hinghing,	pcs.	160.000	160.000			160.000
	Hood,	pcs.	2.000		2.000		2.000
	Leather,	m2	8.000	8.000			8.000
	Lighting devices,	pcs.	16.000		16.000		16.000
	Lining,	pcs.	4.000	4.000			4.000
	Midroller,	pcs.	8.000	8.000			8.000
	Pioneer TS-SW2002D2,	pcs.	2.000	2.000			2.000
	Power take-off shaft,	pcs.	2.000		2.000		2.000
	Shock absorber,	pcs.	2.000	2.000			2.000
	Tension bolt,	pcs.	8.000	8.000			8.000
	Track chain link,	pcs.	84.000	84.000			84.000
	Turning mechanism,	pcs.	2.000		2.000		2.000
	Ventilation system,	pcs.	2.000		2.000		2.000
<b>Total</b>							

## ★ Goods in warehouses list

Period: 11/17/2019 - 11/23/2019  Details up to recorder  
 Warehouse: Rostselmash: Semi-finished product warehouse

**Run report** Set up... Find...

### Goods in warehouses list

Data parameters: Period: 11/17/2019 - 11/23/2019  
 Goods quantity: In storage units  
 Filter: Warehouse Equal to "Rostselmash: Semi-finished product warehouse"

Warehouse Product ID	Wareroom Products, Characteristic, Series	UOM	Quantity		
			Opening balance	Receipt	Consumption Closing balance
Rostselmash: Semi-finished product warehouse					
	DT.102.01 Frame, ,	pcs.		10.000	10.000
	DT.102.02 Track system, ,	pcs.		2.000	2.000
	DT.102.02.01 Tensioner, ,	pcs.		2.000	2.000
	DT.102.02.02 Track chain, ,	pcs.		2.000	2.000
	DT.105.01 Cab with seat, ,	pcs.		2.000	2.000
<b>Total</b>				10.000	10.000

### Total goods in storage units

UOM	Quantity			
	Opening balance	Receipt	Consumption	Closing balance
pcs.		10.000		10.000
<b>Total</b>		10.000		10.000



# Manufacturing

← → ☆ MS00-2.20.4, Final Assembly (Production stage) 🔗 ×

Main [My notes](#) [Tasks](#)

Post and close
📄
📄
📄
🖨️ Print
📄
Dr Cr
📄
📄 Reports
Order structure
More actions

Number: MS00-2.20.4 from: 11/22/2019 1:10:49 PM Status: Completed Close stage

Main Supply (8) Consumption (8) Release (1) Labor costs (1) M

Products by calculated cost (1)
 More actions

Add
↑
↓
📄
📄
↔
Specify series
Fill in

#	Products	Characteristic	Quantity	UOM
1	DT 520	NO Rear attac...	2.000	pcs.

- Being generated
- Generated
- For completion
- Started
- Completed

← → ☆ **Stock balance and availability**

Warehouse: Rostselmash: Commercial department warehouse  Product ID:

Run report
Set up...
📄
Find...
📄
📄
🖨️
🔍
📄
📧
0
Σ

### Stock balance and availability

Data parameters: Goods quantity: In storage units  
Filter: Warehouse Equal to "Rostselmash: Commercial department warehouse"

Warehouse	Product	Products, Characteristic	UOM	Now In stock	Being shipped	In reserve	Available	Expected Receipt	Consumption	Remaining quantity
Rostselmash: Commercial department warehouse	DT 520, NO Rear attachment; Power take-off shaft; use audio Pioneer TS-SW2002D2; Leather cover		pcs.	2.000			2.000			2.000
<b>Total</b>				2.000			2.000			2.000

Side and intermediate product at fixed cost

Production in one day





**Delivery**



# Sales order

← → ★ Sales order MS00-000001 dated 11/21/2019 4:09:12 PM



Main [Approval](#) [My notes](#) [Tasks](#)

Post and close



Print



Reports



Files

More actions

Status: For completion

Priority: Normal

[Close order](#)

[Shipment in progress](#)

Main **Goods (1)** Delivery More

Delivery method: Customer pickup (from our warehouse)

- Delivery address for printing:
- Customer pickup (from our warehouse)
  - Our transportation service to customer
  - Our transportation service to carrier
  - Carrier (from our warehouse)
  - At the discretion of transportation service

Discount: 0.00 VAT: 8,743.73 Ordered VAT inclusive: 57,320.00 EUR

Main Approval My notes Tasks

Post and close [Print] [Export] [Import] [Print] [List] [Refresh]

Status: For completion Priority: Normal

Main Goods (1) Delivery More

Number: MS00-000001 from: 11/21/2019 4:09:12 PM

Customer: Altair

Counterparty: Altair

Agreement: Wholesale

Payment: For payment 2/28/2020 (100%) Paid against order: 0.00

Comment:

☆ Altair (Counterparty (business entity or individual))

Main Bank accounts Contracts My notes Tasks

Save and close Save [List] [Export] [Import] [Print] Reports

Main Addresses, phones

Physical address:

Legal address:

Other information:

Postal address:

Phone:

Fax:

Email:

Other (any other contact information):

International address for payments (eng.):

Enter a comment  
Address on Yandex.Maps  
Address on Google Maps



# Delivery

← → ☆ Delivery 🔗 ✕

From our warehouse ▾ Rostselmash: Commercial ▾ Area ▾ 🔄 More actions ▾

Create transportation jobs | Transportation jobs | Documents for carriers

Delivery references to: / / 🗑️ ⋮ More actions ▾

Area/ Address	Ship...	Recipient	D
⊖ <i>area is not specified</i>			
213 Rosewood Lane, New York, NY	11/21/...	Alfa	

Create 📄 📄 🔄 🔗 🔗 Fill in ▾ Open More actions ▾

N	Transport / Address	Warehouse / A...	Time from
1	67890-000 VZ-11, 50 t 5 m3	Rostselmash: C...	22 Novem...

>

<

← → ☆ Delivery 🔗 ✕

From our warehouse ▾ Rostselmash: Commercial ▾ Area ▾ 🔄 More actions ▾

Create transportation jobs | Transportation jobs | Documents for carriers

Delivery references to: / / 🗑️ ⋮ More actions ▾

Area/ Address	Ship...	Recipient	D
---------------	---------	-----------	---

Create 📄 📄 🔄 🔗 🔗 Fill in ▾ Open More actions ▾

N	Transport / Address	Warehouse / A...	Time from
⊖ 1	67890-000 VZ-11, 50 t 5 m3	Rostselmash: C...	22 Novem...
1	213 Rosewood Lane, New York, NY		

>

<



# Planning



# Scenario

## 1. Production to the warehouse.

- Release of basic, running machines in advance to the warehouse according to the production plan. After receipt of the customer's order, this basic running machine is equipped to the specific customer and his wishes.



# Master data and settings

Home page

- Quick menu
- Budgeting and planning
- CRM and marketing
- Sales
- Purchases
- Warehouse and delivery
- Production
- Cash flow
- Financial result and controlling
- Capital assets
- International financial accounting
- Master data and settings**

**Initial filling**

- Initial filling
- Register adjustment

**Base classifiers**

- Currencies

**Master data**

- Products**
- Product classifiers
- Partners
- Companies
- Company structure
- Warehouses and stores
- Bank accounts
- Enterprise cash accounts
- Cash registers
- Projects
- Work schedules
- Authorized signatories
- Individuals

**Settings**

- Servicing
- General settings
- Users and rights settings
- Organizer
- Configure file operations
- Print forms, reports and data processors
- CWP and equipment

**Master data and sections**

- Enterprise
- Products
- Budgeting and planning
- CRM and marketing
- Sales
- Purchases
- Warehouse and delivery
- Production
- Cash flow and mutual settlements
- Financial result and controlling
- VAT accounting, import and export
- Capital assets
- International financial accounting

**Integration**

- Applied solution design system
- Data synchronization

**See also**

- Currencies
- Banks
- World countries
- Business calendars

**Reports**

Additional reports

**Tools**

Products

Search (Ctrl+F)

By exact match

Create Change selected Generate

Description	Product ID
1000x1000 Styrofoam	
2000x1000 foam rubber	
539047001 Filter element	
Abrasive particle No. 3	
Abrasive particle No. 4	
Abrasive particle No. 5	
Accumulator screw gun MAKITA 6261DWPE	293164
AJB7.732.004 Contact	
AJB7.732.012 Contact	
AJB7.750.004 Printer	
AJB7.755.001 Juniper	
Attachable equipment for AMKODOR 211 autoloader	
Aviation gasoline B-91/115	
Birch plywood FK 21 mm sort 4/4	
BISON electric airbrush	254547
BISON knife PREMIUM series	269432
Bolt cutter ENKOR 610 mm	246832
Box spanner set Matrix 6-22 mm 8 pcs smooth chrome	212497
Case latch T15	
Casting mold cleaning solution	
CCD materials	
Cellular polycarbonate 10 mm 600x150	
CITIZEN SDC-888TI calculator	
Concrete drilling tool MAKITA SDS+ D8x110 mm	286963
Coolant Tosol-EA0 (up to minus 40 °C)	
Copper strip 24x0.4mm	
Copper strip 24x0.75mm	
Cup grease US-2	

More actions

**Kinds and properties** Kinds Proper...

- Manufacturing
  - Metal products
    - Components of individual registration
    - Main materials
    - Paints and varnishes
    - Products
    - Provided services
    - Reusable package
    - Semi-finished products
    - Serial accounting materials
    - Serial accounting products
    - Serial inventory (cost calculation)
    - Serial inventory (FEFO)
    - Serial inventory (for reference)
    - Special cutting tool
    - Woodwork
    - Work performed
    - Work purchased
  - Trade

Segment: [ ]

Search (Alt+1)  By exact match

Create

Description	Product ID
Tractor basic configuration	

Products without characteristics (Product kind)

Save and close Save

Main

Product type: Product

Group of product kinds: Products Access group: Other

Description: Products without characteristics

Details:

When printing a cargo name in the waybill, use:

name from application settings: <none>

individual name:

Product categories: Configured for this product kind [List](#)

Characteristics: ?

Series: ?

Additional attributes

- > Name templates
- > Quick selection in lists
- > Visibility, control filling and uniqueness
- > Values used to create
- > Additional information

Kinds and properties [Kinds](#) [Properties](#)

Manufacturing
Metal products
Rostselmach
Products
Balers
Carts
Combines
Forage equipment
Municipal equipment
Products without characteristics
Tractors
Windrower
Audio systems
Materials and Purchased components
Semi-finished production
Components of individual registration
Main materials
Paints and varnishes
Products
Provided services
Reusable package
Semi-finished products
Serial accounting materials
Serial accounting products
Serial inventory (cost calculation)
Serial inventory (FEFO)
Serial inventory (for reference)
Special cutting tool
Woodwork

Product kind Ins

Product kinds group Ctrl+F9

Segment:



- Home page
- Products
- Quick menu
- Budgeting and planning
- CRM and marketing
- Sales
- Purchases
- Warehouse and delivery
- Production**
- Cash flow
- Financial result and controlling
- Capital assets
- International financial accounting
- Master data and settings

- Manufacturing reports
- Settings and catalogs
- Order fulfillment states

Master data

- Bills of resources**
- Work centers
- Availability of work center kinds
- Material substitution permissions
- Operations sheets
- Costing items
- Set up inventory level control
- Production expense standards
- Standard costings

Intrashop management

- Order queue management
- Stage dispatching
- Production orders

Shop management

- Stage execution
- Execution of operations
- Material orders for production

Intrashop accounting

- Production documents (all)
- Invoices for registration
- Register production without orders
- Allocation of materials and works
- Expense allocation to product cost
- Enter indicators for cost allocation

Create

Production order

Tools

Additional data processors

Labor costs

- Employee output
- Kinds of employee activities
- Teams

Repairs

- Facilities
- Repair activity
- Repair orders
- Defect log
- Repair activity
- Running time
- See also
- Reasons for
- Expense allo

☆ Bills of resources

Status: Any Products: <without filter> Used as: <without filter> Work center kind: <without filter> Used in orders: <without filter>

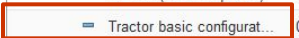
Production, assembly	Ins	Code	Type	Status	Validity period		Main product
					from	to	
Repair							
Disassembly, disposal		00-000087					
▶ Metalwork		00-000005					
▶ Plastic products		00-000006					
▶ Products of series SI and TM		00-000009					
▶ Relay		00-000041					
▶ Woodwork		00-000001					

# ☆ Bills of resources

Status: Any Products: <without filter> Used as: <without filter> Work center kind: <without filter> Used in orders: <without filter>

Buttons: Create, Create group, Set status, Product BOR, BOM tree, Compare bills of resources, Usage instances, More actions

Description	Code	Type	Status	Validity period		Main product
				from	to	
▼ Rostselmash	00-000093					
▼ Rostselmash: Products	00-000101					
DT 520 (for example #1)	00-000094	Production, assembly	Valid	11/19/2019		DT 520
DT 570 (for example #2)	00-000100	Production, assembly	Valid	1/1/2019		DT 570
Tractor basic configurat...	00-000099	Production, assembly	Valid	1/1/2019		Tractor basic configuration



## ☆ Tractor basic configuration (Production, assembly) (Bill of resources)

Main Standard costings BOM tree Material substitution permissions Usage in orders My notes Tasks

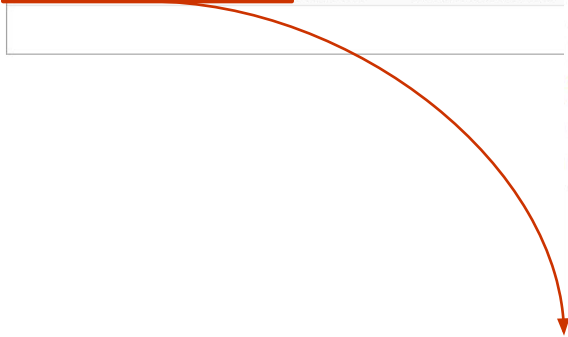
Buttons: Save and close, Save, Compare bills of resources, Usage instances, Product BOR, Fill in using operations sheets for stages, Files, More actions

Group: Rostselmash: Products Code: 00-000099 Status: Valid Set status

Description: Tractor basic configuration Valid from: 1/ 1/2019 to: / /

Main Side and intermediate product Materials and works (12) Labor costs (2) Manufacturing process More

#	Products	Characteristic	Quantity	UOM	Stage	Method of receiving material	Costing item	Mat...
1	DT.102.01 Frame	<characteristics are not...	1.000	pcs.	Assembly of undercarriage ...	Produce by the "Frame DT" BOM	Semi-finished products manufact...	
2	DT.102.02 Track system	<characteristics are not...	1.000	pcs.	Assembly of undercarriage ...	Produce by the "Track system D...	Semi-finished products manufact...	
3	Balancer	<characteristics are not...	4.000	pcs.	Assembly of undercarriage ...	Supply	Main materials	
4	Turning mechanism	<characteristics are not...	1.000	pcs.	Setting of control mechanism	Supply	Purchased components	
5	Brake mechanism	<characteristics are not...	1.000	pcs.	Setting of control mechanism	Supply	Purchased components	
6	Hood	<characteristics are not...	1.000	pcs.	Final Assembly	Supply	Purchased components	
7	Lighting devices	<characteristics are not...	8.000	pcs.	Final Assembly	Supply	Purchased components	
8	Alarm devices	<characteristics are not...	2.000	pcs.	Final Assembly	Supply	Purchased components	
9	Heating system	<characteristics are not...	1.000	pcs.	Final Assembly	Supply	Purchased components	
10	Ventilation system	<characteristics are not...	1.000	pcs.	Final Assembly	Supply	Purchased components	
11	Compressor	<characteristics are not...	1.000	pcs.	Final Assembly	Supply	Purchased components	
12	Engine	<characteristics are not...	1.000	pcs.	Final Assembly	Supply	Purchased components	

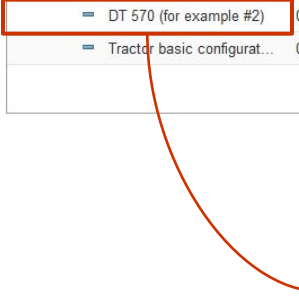


# ← → ☆ Bills of resources

Status: Any Products: <without filter> Used as: <without filter> Work center kind: <without filter> Used in orders: <without filter>

Create Create group Set status Product BOR BOM tree Compare bills of resources Usage instances More actions

Description ↓	Code	Type	Status	Validity period		Main product
				from	to	
▼ Rostselmash	00-00093					
▼ Rostselmash: Products	00-00010					
DT 520 (for example #1)	00-00094	Production, assembly	Valid	11/19/2019		DT 520
DT 570 (for example #2)	00-000100	Production, assembly	Valid	1/1/2019		DT 570
Tractor basic configurat...	00-000099	Production, assembly	Valid	1/1/2019		Tractor basic configuration



## ← → ☆ DT 570 (for example #2) (Production, assembly) (Bill of resources)

Main Standard costings BOM tree Material substitution permissions Usage in orders My notes Tasks

Save and close Save Compare bills of resources Usage instances Product BOR Fill in using operations sheets for stages More actions

Group: Rostselmash: Products Code: 00-000100 Status: Valid Set status

Description: DT 570 (for example #2) Valid from: 1/ 1/2019 to: / / (+)

Main Side and intermediate product Materials and works (5) Labor costs Manufacturing process More

#	Products	Characteristic	Quantity	UOM	Method of receiving material	Costing item
1	Leather	<characteristics are not ...	<using formu...	m2	Supply	Main materials
2	Velours	<characteristics are not ...	<using formu...	m2		
3	<specified in the "Audio system" proper...	<specified during produc...	1.000			
4	Power take-off shaft	<characteristics are not ...	<using formu...	pcs.		
5	Tractor basic configuration	<characteristics are not ...	1.000	pcs.		

## ← → ☆ DT 570 (for example #2) (Production, assembly) (Bill of resources)

Main Standard costings BOM tree Material substitution permissions Usage in orders My notes Tasks

Save and close Save Compare bills of resources Usage instances Product BOR Fill in using operations sheets for stages More actions

Group: Rostselmash: Products Code: 00-000100 Status: Valid Set status

Description: DT 570 (for example #2) Valid from: 1/ 1/2019 to: / / (+)

Main Side and intermediate product Materials and works (5) Labor costs Manufacturing process More

Production: Single-stage Multi-stage

Start: multiple of 4 pcs. Minimum start: 0 pcs. Optimal start: 0 pcs. allowable excess of: 0 pcs. Product queue period is limited Production stage: Customising (Assembly and welding shop)

- Home page
- Quick menu
- Budgeting and planning**
- CRM and marketing
- Sales
- Purchases
- Warehouse and delivery
- Production
- Cash flow
- Financial result and controlling
- Capital assets
- International financial accounting
- Master data and settings

- Budgeting and planning reports
  - Settings and catalogs
- Inventory planning
  - Sales plans by categories
  - Sales plans by products
  - Production plans
  - Assembly (disassembly) plans
  - Purchase plans
  - Adjustments to planned demands
- Create
  - Budget entry document
  - Assembly (disassembly) plan
  - Production plan
  - Purchase plan
  - Sales plan by categories
  - Sales plan

- Budgets
  - Budgeting reports
  - Budget entry documents
  - Non-financial indicator values
- Budget process
  - Budget process dashboard
  - Budget preparation processes
  - My budget tasks
- See also
  - All budget tasks
- Reports
  - Budget process dashboard

← → ☆ Sales & operations planning scenarios

Create

Description ↓	Periodicity	Currency	Details
Annual appliance sales plan	Year		Generalized appliance sales plan by categories: refrigerators, air condit...
Appliances purchase planning	Month		Scenario of monthly planning of appliances purchase quantity
Goods purchase	Month	EUR	Key scenario for purchasing juice and bakery products according to pro...
Monthly appliance sales and purchasing plan (considering sales seasonality)	Month		Annual sales plan allocated monthly considering seasonal indexes. Pur...
Plan credit shipment payments	Month	EUR	
Production plans for pegged products (week)	Week		
Purchasing men's shoes	Month		
Rack sales plan	Month		
Short-time production plans (week)	Week		



# Scenario

← → Sales & operations planning scenario (create) \* More actions ▾

**Save and close** Save

Main Plans structure Additional settings Details

Description: Rostselmash

Periodicity: Month ▾

Display period:  Range of dates  Period number (within a year) ?

Planning process management  
For the scenario, the structure of plans is described according to the planning stages: the types of plans are divided into groups and ordered. Plans are created sequentially in stages through the assistant "Planning process management"

Planning by assignments

Purchase planning:  Only by quantity  By quantity and amount Currency: ▾

Sales planning:  Only by quantity  By quantity and amount ▾

**Sales planning settings by product category**

Calculation by sales speed  
If the check box in sales plan by categories is selected, you can specify sales ranking and speed of product sale.  
The plan will be allocated to products considering ranking and speed of sales.

**Production planning settings**

Calculation of demand for materials, work center kinds, and human resources

Demand for materials: Optimistic ▾

Main materials are planned regardless of use probability, alternative materials are not planned.

Calendar: Business calendar ▾

It is not recommended that you change settings after entering plans.

← → ★ Rostselmash (Sales & operations planning scenario) More actions ▾

**Save and close** Save

Main Plans structure Additional settings Details

Create **Create stage** Search (Ctrl+F) More actions ▾

Plan profile Plan type

**Planning stage \*** More actions ▾

**Save and close** Save

Scenario: Rostselmash

Description: Stock

Demand planning  Supply planning  Balance planning



# Plan structure

← → ☆ Rostselmach (Sales & operations planning scenario)

Save and close

Save

Main Plans structure Additional settings Details

Create

Create stage



Search (Ctrl+F)



Plan profile

Plan type

Stock

Entering actual stock balances

Balance plan

Sales



Plan profile (create) \*

Save and close

Save

Main Details Population settings Details

Scenario: Rostselmach

Stage: Sales

Use for: Sales plan

Description: Sales plan

Responsible person:

Substitute  Cumulative

Substitute plan replaces the previous one, you can use this plan for Rolling planning.  
Cumulative plan sums up the plan with the previous one.

With payment plan specification



Plan profile (create) \*



Save and close

Save

More actions

Main Details Population settings Details

Detail plan by:

Department

Supplier

Joint plan by suppliers

Requires supplier specification in each plan line

**i** To use the "Joint plan by suppliers" option, you need to select the option to fill by sources.

Agreement

Joint plan by agreements

Requires agreement specification in each plan line.  
It is required if "Joint plan by suppliers" is set.

**i** To use the "Joint plan by agreements" option, you need to select the option to fill by sources.

Warehouse

Joint plan by warehouses

Requires warehouse specification in each plan line

**i** To use the "Joint plan by warehouses" option, you need to select the option to fill by sources.

Assignment

Details by assignment are determined in the scenario

The selected details are used for filtering when filling in plans with actual data. For filtering when filling in with different plan type data, the details are used only by "Warehouse" and "Assignment".

- Quick menu
- Budgeting and planning
- CRM and marketing
- Sales
- Purchases
- Warehouse and delivery
- Production
- Cash flow
- Financial result and controlling
- Capital assets
- International financial accounting
- Master data and settings

### Sales plan (Plan profile)

**Save and close** Save

Main Details Population settings Details

Fill in by sources  Fill in using formula

Specify data sources and interaction scheme in filters, receive data with different details.

**Default filling rule**

Disable editing the rule

Disallows editing a filling rule (filling data sources hidden in the document).

Number of default periods:

Number of default planning periods while creating

Fill in plan \*

**Save** X Close

Use simplified features

**Filling rule**  
 Update plan content  Add plan content

**Add a new source** Group sources

Source

Quantity filling sources

	+	-
<input type="checkbox"/>		

Quantity calculation rule

Change result to (%):  round for period

Filters

Setting

<input type="checkbox"/>	Warehouse	Equal to
<input type="checkbox"/>	Products	Equal to
<input type="checkbox"/>	Characteristic	Equal to

### Planning data sources

**Select** **Create** Create group Generate

Description

- Appliance sales
- Balance
- Purchase plan (monthly)
- Sales of products from the Central warehouse
- Sales of products in a store
- Sales of products in selling area
- Split annual plan by months

### Planning data source

Main My notes Tasks

**Save and close** Save

Description:

Belongs to group:

Data composition schema: **Arbitrary** Edit

Data source settings available while setting up the plan filling rule

Data is selected:  over period  as of  without restrictions  with period offset

Details

- Purchase plans
- Sales targets (components)
- Sales plans by categories
- Sales plans
- Assembly plans (components)
- Assembly and disassembly plans (sets)
- Sales
- Assembly (disassembly)
- Available stock
- Goods limitations
- Prices of supplier products
- Product prices
- Actual balance
- Balance plans
- Sales plans by categories (by sales speed)
- Adjustments to planned demands
- Material orders for production
- Budget turnovers
- Production plans (materials)
- Production plans (products)
- Release plans
- Production (products)
- Arbitrary**





Save and close Save

Main Details Population settings Details

Fill in by sources  Fill in using formula

Specify data sources and interaction scheme in filters, receive data with different details.

Default filling rule

Disable editing the rule

Disallows editing a filling rule (filling data source hidden in the document).

Number of default periods:

Number of default planning periods while creati

### Fill in plan

Save Close More actions

[Use simplified features](#)

**Filling rule**

Update plan content  Add plan content

Add a new source Group sources ↑ ↓ Check rule More actions

Sources	
Quantity filling sources	
<input checked="" type="checkbox"/> +	- Rostselmash: Sales 1/1/2018 - 12/31/2018

**Quantity calculation rule**

Change result to (%):  round for period to:

**Filters** More actions

Setting	Comparison type	Value
<input type="checkbox"/> Warehouse	Equal to	
<input checked="" type="checkbox"/> Products	In list	DT 520; DT 570
<input type="checkbox"/> Characteristic	Equal to	
<input type="checkbox"/> Partner	Equal to	
<input type="checkbox"/> Agreement	Equal to	
<input type="checkbox"/> Quantity	Greater than	
Filter		
Order		



- Home page
- Quick menu
- Budgeting and planning**
- CRM and marketing
- Sales
- Purchases
- Warehouse and delivery
- Production
- Cash flow
- Financial result and controlling
- Capital assets
- International financial accounting
- Master data and settings

Budgeting and planning reports

Settings and catalogs

Budgets

- Budgeting reports
- Budget entry documents
- Non-financial indicator values

Budget process

- Budget process dashboard
- Budget preparation processes
- My budget tasks

Inventory planning

- Sales plans by categories
- Sales plans by products
- Production plans
- Assembly (disassembly) plans
- Purchase plans
- Adjustments to planned demands

See also

- All budget tasks

Create

- Budget entry document
- Assembly (disassembly) plan
- Production plan
- Purchase plan
- Sales plan by categories
- Sales plan

Reports

- Budget process dashboard

Tools

- Additional data processors
- Generation of production orders according to plan
- Generation of assembly (disassembly) orders according to plan
- Generation of purchase orders according to plan
- Generation of orders for transfer to production according to plans

Planning process management

← → ☆ Planning process management \*

Scenario: Rostselmash - [icon] Period from: 11/ 1/2019 [icon] to: 2/29/2020 [icon] (H) Responsible person: [dropdown] [icon]

↻ Recalculate plans in all periods [checkbox checked] Calculation of shortages in stages is complete [icon]

Search (Ctrl+F) [icon] More actions [dropdown]

Plan profile	11 month	12 month	1 month	2 month
⊖ ⊕ Stock				
= Entering actual stock balances				
⊖ 📁 Sales				
= Sales plan				
⊖ 🏭 Manufacturing and Supply				
= Production				
🔧 Supply, auto				
⊕ Plan balance				

Products	Characteristic	Opening bala...

# ★ Planning process management



Scenario:  Period from:  to:  Responsible person:

Calculation of shortages in stages is complete

Plan profile	11 month	12 month	1 month	2 month
<ul style="list-style-type: none"> <li>Stock                             <ul style="list-style-type: none"> <li>Entering actual stock balances</li> </ul> </li> <li>Sales                             <ul style="list-style-type: none"> <li>Sales plan</li> </ul> </li> <li>Manufacturing and Supply                             <ul style="list-style-type: none"> <li>Production</li> <li>Supply, auto</li> </ul> </li> <li>Plan balance</li> </ul>				

Products	Characteristic	Consumption
DT 520	Rear attachment; Power ...	30.00
DT 520	Rear attachment; Power ...	10.00
DT 520	NO Rear attachment; Po...	40.00

### Designations

- plans with the "Confirmed" status
- plans in the "In progress" status
- plans in the "Being prepared" status
- adjustments with the "For checking" status
- initial plans by sources and formulas
- demand planning stage
- supply planning stage
- supplied plans by shortages
- adjustments to planned demands
- plan balance by periods
- recalculate plans by shortages
- adjustment to check

[Hide details](#)

Status: Under development

Products	Characteristic	Acc. to rule	Quantity	Canceled	Substituted	Comment
----------	----------------	--------------	----------	----------	-------------	---------

Acc. to rule

**Configure rule and fill in...**

By filter...

Import from external file

### Fill in plan

Fill in document Close More actions

Use simplified features

**Filling rule**

Update plan content  Add plan content

Add a new source Group sources Check rule More actions

Sources

- Quantity filling sources
  - Addition
    - Rostselmash: Available st... 1/1/0001 12:00:00 AM
    - Rostselmash: Sales plans

Quantity calculation rule

Change result to (%): 0.00 round for period to: 1

Filters More actions

Setting	Comparison type	Value
<input checked="" type="checkbox"/> Products	In list	DT 520
<input type="checkbox"/> Characteristic	Equal to	
<input type="checkbox"/> Quantity	Equal to	
<input type="checkbox"/> Filter		
<input type="checkbox"/> Order		



# Plan structure

← → ☆ Planning process management



Scenario: Rostselmach Period from: 11/ 1/2019 to: 2/29/2020 Responsible person:

Recalculate plans in all periods ✓ Calculation of shortages in stages is complete

Search (Ctrl+F) More actions

Plan profile	11 month	12 month	1 month	2 month
Stock				
- Entering actual stock balances				
Sales				
- Sales plan				
Manufacturing and Supply				
- Production				
- Supply, auto				
- Plan balance				

Products	Characteristic	Adjustment	Rec...
DT 520	Rear attachment; Powe...		30.00
DT 520	Rear attachment; Powe...		20.00
DT 520	NO Rear attachment; P...		49.00

- Designations
- plans with the "Confirmed" status
  - plans in the "In progress" status
  - plans in the "Being prepared" status
  - adjustments with the "For checking" status
  - initial plans by sources and formulas
  - demand planning stage
  - supply planning stage
  - supplied plans by shortages
  - adjustments to planned demands
  - adjustments to check
  - recalculate plans by shortages
  - plan balance by periods

[Hide details](#)



# Production plan

Production plan 00-00000006 dated 11/24/2019 4:36:25 PM

Main My notes Tasks

Post and close

Status: Confirmed Demand for materials, work center kinds, and human resources

Main Products (3) More

Add Select goods Fill in Plan semi-finished products

Products	Characteristic	Bill of materials	UC
DT 520	NO Rear attachment; Power take...	DT 520	
DT 520	Rear attachment; Power take-off ...	DT 520	
DT 520	Rear attachment; Power take-off ...	DT 520	

Comment: Select plan cell and enter a comment

Reports Files

- Plan balance
- Document register records Ctrl+Shift+L
- Linked documents Ctrl+Shift+S
- Usage instances
- Demand for human resources
- Demand for materials**
- Demand for semi-finished products
- Demand for work center kinds
- Production plan for products and semi-finished products

More actions

Planned demand for materials

Exclude semi-finished products

Run report Find...

Data parameters: Scenario: Rostselmash  
Filter: Production plan Equal to "Production plan 00-00000006 dated 11/24/2019 4:36:25 PM"

Products	Characteristic	Storage unit	Quantity	October 2019	November 2019	December 2019	January 2020
Alarm devices		pcs.	598.000		200.000	200.000	198.000
Balancer		pcs.	2,392.000	400.000	400.000	800.000	792.000
Balk		pcs.	598.000	200.000		200.000	198.000
Beam		pcs.	598.000	200.000		200.000	198.000
Bracket		pcs.	3,588.000	1,200.000		1,200.000	1,188.000
Brake mechanism		pcs.	299.000		100.000	100.000	99.000
Compressor		pcs.	299.000		100.000		99.000
Crank axle		pcs.	299.000	100.000			99.000
Drive Sprocket		pcs.	5,980.000	2,000.000		2,000.000	1,980.000
Guide wheel		pcs.	1,196.000	400.000		400.000	396.000
Heating system		pcs.	299.000		100.000	100.000	99.000
Hinghinge		pcs.	23,920.000	8,000.000		8,000.000	7,920.000
Hood		pcs.	299.000		100.000	100.000	99.000
Kenwood KSC-SW11		pcs.	90.000		30.000	30.000	30.000
Leather		m2	72.000		24.000	24.000	24.000
Lighting devices		pcs.	2,392.000		800.000	800.000	792.000
Lining		pcs.	598.000	200.000		200.000	198.000
Midroller		pcs.	1,196.000	400.000		400.000	396.000
Pioneer TS-SW2002D2		pcs.	209.000		70.000	70.000	69.000
Power take-off shaft		pcs.	299.000		100.000	100.000	99.000
Shock absorber		pcs.	299.000	100.000		100.000	99.000
Tension bolt		pcs.	1,196.000	400.000		400.000	396.000
Track chain link		pcs.	12,558.000	4,200.000		4,200.000	4,158.000
Turning mechanism		pcs.	299.000		100.000	100.000	99.000
Ventilation system		pcs.	299.000		100.000	100.000	99.000



# Production plan with semi-finished products

Production plan 00-00000007 dated 11/24/2019 6:48:36 PM



Main My notes Tasks

Post and close Generate Production plan Reports Files

More actions

Status: Confirmed Demand for materials, work center kinds, and human resources is calculated

Main Products (3) Semi-finished products (1) More

Add Select goods Fill in Select substitutes... Excel Cancel plan lines / Clear marks

More actions

Products	Characteristic	Bill of materials	UOM	Quantity	Canceled	Substituted	Comment
DT 570	NO Rear attachment; Power take-off shaft; use audio Pioneer TS-SW2002D2; Leather cover	DT 570 (for example #2)	pcs.	50.000	<input type="checkbox"/>		
DT 570	Rear attachment; Power take-off shaft; use audio Kenwood KSC-SW11; Leather cover	DT 570 (for example #2)	pcs.	300.000	<input type="checkbox"/>		
DT 570	Rear attachment; Power take-off shaft; use audio Pioneer TS-SW2002D2; Leather cover	DT 570 (for example #2)	pcs.	320.000	<input type="checkbox"/>		

Production plan 00-00000007 dated 11/24/2019 6:48:36 PM



Main My notes Tasks

Post and close Generate Production plan Reports Files

More actions

Status: Confirmed Demand for materials, work center kinds, and human resources is calculated

Main Products (3) Semi-finished products (1) More

Change Show occurrences

Search (Ctrl+F) More actions

Products	Characteristic	Bill of mater...	Demand date	Launch date	Release date	Quantity	Confirmed quantity	UOM	Comment
Tractor basic configuration	<characteri...	Tractor basi...	11/28/2019	11/5/2019	11/28/2019	670.000	670.000	pcs.	

- Home page
- Quick menu
- Budgeting and planning**
- CRM and marketing
- Sales
- Purchases
- Warehouse and delivery
- Production
- Cash flow
- Financial result and controlling
- Capital assets
- International financial accounting
- Master data and settings

Budgeting and planning reports

- Settings and catalogs
- Budgets**
- Budgeting reports
- Budget entry documents
- Non-financial indicator values

**Budget process**

- Budget process dashboard
- Budget preparation processes
- My budget tasks

**Inventory planning**

- Sales plans by categories
- Sales plans by products
- Production plans
- Assembly (disassembly) plans
- Purchase plans
- Adjustments to planned demands

See also

- All budget tasks

**Create**

- Budget entry document
- Assembly (disassembly) plan
- Production plan
- Purchase plan
- Sales plan by categories
- Sales plan

**Reports**

- Budget process dashboard

**Tools**

Additional data processors

- Generation of production orders according to plan
- Generation of assembly (disassembly) orders according to plan
- Generation of purchase orders according to plan
- Generation of orders for transfer to production according to plans

- Planning process management



# Generation of production orders according to plan



Step 1 of 3. Filter plans

More actions ▾

Create orders by:

Scenario:

Type:

Demand calculation mode by plan:

Separate by starting periods

from:  to:

Dispatcher department:

[Arbitrary filter](#)

Populate in the orders:

Company:



# Generation of production orders according to plan



Step 2 of 3. Determine order content and volume

Products, Characteristic	Bill of materials	Dispatcher department	UOM	To order	Launch date	Order fulfillment period	Planning period	In plans	In Ir
Tractor basic configuration	Tractor basic confi...		pcs.	<input checked="" type="checkbox"/>	670.000	11/5/2019	17 11/1/2019 - 11/30/2019	670.000	
DT 570, Rear attachment; Power take-off shaf...	DT 570 (for exemp...		pcs.	<input type="checkbox"/>	300.000	11/28/2019	1 12/1/2019 - 12/31/2019	300.000	
DT 570, Rear attachment; Power take-off shaf...	DT 570 (for exemp...		pcs.	<input type="checkbox"/>	320.000	11/28/2019	1 12/1/2019 - 12/31/2019	320.000	
DT 570, NO Rear attachment; Power take-off ...	DT 570 (for exemp...		pcs.	<input type="checkbox"/>	50.000	11/28/2019	1 12/1/2019 - 12/31/2019	50.000	

Orders to be registered

Start not earlier than	Required release date	Dispatcher department	Total number of lines
11/5/2019	11/30/2019		1

< Back



# Production order queue management



Required release date: <without filter> x Priority: <without filter> x Dispatcher department: <without filter> x Responsible person: <without filter> x

Search (Ctrl+F) x More actions

		Number	Date	Priority ↑	Production start	Required rele...	Dispatcher department	Responsible person	Comment
		MS00-000006	1/11/2017	Normal	1/12/2017	1/20/2017	SDC	Leonard Cooper	Generated automatically by the "Generate orders by deman...
		MS00-000001	1/9/2017	Normal	1/10/2017	1/20/2017	SDC	Leonard Cooper	Example of production without identifying semi-finished prod...
		MS00-000004	1/11/2017	Normal	1/11/2017	1/25/2017	SDC	Leonard Cooper	Generated automatically by the "Generate orders by deman...
		MS00-000002	1/10/2017	Normal	1/11/2017	1/27/2017	SDC	Leonard Cooper	Manufacturing with semi-finished products manufactured in t...
		MS00-000005	1/11/2017	Normal	1/12/2017	1/25/2017	SDC	Leonard Cooper	Generated automatically by the "Generate orders by deman...
		MS00-000003	1/11/2017	Normal	1/12/2017	1/31/2017	SDC	Leonard Cooper	Production with "honest" semi-finished products (process sc...
		MS00-000008	1/4/2017	Normal	1/9/2017	1/30/2017	Electronic component assem...	Leonard Cooper	Manufacturing of products from semi-finished products manu...
		MS00-000009	1/9/2017	Normal	1/10/2017	2/28/2017	Electronic component assem...	Leonard Cooper	
		MS00-000010	3/1/2017	Normal	3/13/2017	3/31/2017	SDC	Leonard Cooper	Example of using series in production. Cost accounting by s...
		MS00-000011	3/1/2017	Normal	3/6/2017	3/14/2017	SDC	Leonard Cooper	Example of using series in production. Cost accounting by s...
		MS00-000012	3/1/2017	Normal	3/10/2017	3/31/2017	SDC	Leonard Cooper	Example of using series in production. Reference series spe...
		MS00-000013	3/1/2017	Normal	3/6/2017	3/10/2017	SDC	Leonard Cooper	Example of using series in production. FEFO management ...
		MS00-000014	11/23/2017	Normal	11/23/2018	12/6/2018	Electronic component assem...	Leonard Cooper	
		SC00-000001	10/23/2019	Normal	10/23/2019		Dispatching office	Dan Olsen	
		MS00-000001	11/21/2019	Normal	11/21/2019	2/28/2020	Dispatching office	Dan Olsen	
		MS00-000002	11/22/2019	Normal	12/9/2019	2/28/2020	Dispatching office	Dan Olsen	
		0000-000001	12:03	Normal	11/5/2019	11/30/2019	Dispatching office	Dan Olsen	Generated automatically using data processor "Generation ...

[Generate orders](#)  
[Orders being generated \(0\)](#)  
 Pick orders for which the following is required  
 Generate stages  
 Check stages  
 Plan schedule  
 Pass stages for execution  
 Or by which  
 Supply is required  
 Demand date is violated  
 Everything is produced

[Supply shop storerooms with materials](#)  
[Closed orders](#)

- Products x Planning pro
- Quick menu
- Budgeting and planning
- CRM and marketing
- Sales
- Purchases
- Warehouse and delivery**
- Production
- Cash flow
- Financial result and controlling
- Capital assets
- International financial accounting
- Master data and settings

- ★ Warehouse reports
  - Settings and catalogs
- Demand fulfillment
  - Order fulfillment states
  - Goods assignment adjustment
  - Set up inventory level control
  - Generation of orders based on demands
- Internal goods movement
  - Internal documents (all)
    - Invoices for registration
    - Orders for internal consumption
    - Transfer orders
    - Assembly (disassembly) orders
    - Pegged goods transfer
- Advanced warehouse
  - Acceptance
  - Shipment
  - Warehouse notes
  - Packing lists

- Bin location warehousing
  - Goods picking (placement)
  - Set storage bin locks
- Surplus, shortage, damage
  - Goods recount
  - Warehouse acts
  - Surplus, shortage and damage of goods
- Delivery management
  - Delivery
    - Vehicles
- Create
  - Assembly (disassembly) order
  - Order for internal consumption
- Tools
  - Additional data processors
  - Warehouse layout generation
  - Export goods database to PDT
  - Print labels by packing lists
  - Print price tags and labels
  - Edit delivery addresses only in the dialog box

★ **Stock balance and availability**

Warehouse: Rostselmash: Semi-finished product warehouse
 Product ID:

### Stock balance and availability

Data parameters: Goods quantity: In storage units  
 Filter: Warehouse Equal to "Rostselmash: Semi-finished product warehouse"

Warehouse	Now			Expected						
	Product ID	Products, Characteristic	UOM	In stock	Being shipped	In reserve	Available	Receipt	Consumption	Remaining quantity
Rostselmash: Semi-finished product warehouse				15.000	14.000		1.000			1.000
	DT.102.01	Frame,	pcs.	3.000	3.000				3.000	
	DT.102.02	Track system,	pcs.	3.000	3.000				3.000	
	DT.102.02.01	Tensioner,	pcs.	3.000	3.000				3.000	
	DT.102.02.02	Track chain,	pcs.	3.000	3.000				3.000	
	DT.105.01	Cab with seat,	pcs.	2.000	2.000				2.000	
		Tractor basic configuration,	pcs.	1.000			1.000			1.000
<b>Total</b>				<b>15.000</b>	<b>14.000</b>		<b>1.000</b>		<b>14.000</b>	<b>1.000</b>

Main [My notes](#) [Tasks](#)

Post and close



Production order


Order structure

Reports ▾

Files
More actions ▾ ?

Status: For production ▾ Priority: Normal ▾

Main Products (1) More

Add





Fill in ▾
More actions ▾

#	Product ID	Products	Characteristic	Assignment	Quantity	UOM	Bill of materials	Recipient
1		DT 570	Rear attachment; Power take-off shaft; use...		1.000	pcs.	DT 570 (for example #2)	Rostselmash: Commercial department wa...

Start not earlier than: 11/25/2019 Required release date: 11/28/2019 Release placement: To start ▾

[Stage list](#)

Products: <without filter> ▾ ✕ Stage: <without filter> ▾ ✕

Hide completed
  Show stages
 Gantt chart
Stage details

More actions ▾

Order, products, stage	Sequence	Department	UOM	Quantity			Date by schedule	Execu... date
				Plan	Actual	Short...		
⊖ Order No. 2, 11/25/2019, demand date 11/28/2019								
⊖ DT 570 / Rear attachment; Power take-off shaft; use audio Kenwood KSC-SW11; Leather ...			pcs.	1.000		1.000		
Customising	1	Assembly and welding shop	pcs.	1.000		1.000		

Designations

- Bold** is for products
- Light gray is for fully manufactured positions
- Overdue positions are shown in **red**
- stage
- manufactured (repaired) product
- product being disassembled



# Balanced scorecard



# Target indicators

Demonstration base / 1C:ERP WE (1C:Enterprise)

Home page | Demo mode:

- Quick menu
- Budgeting and planning
- CRM and marketing
- Sales
- Purchases
- Warehouse and delivery
- Production
- Cash flow
- Financial result and controlling**
- Capital assets
- International financial accounting
- Master data and settings

Financial result reports

**Goods movement between companies**

**Documents between companies (all)**

- Transfers to register
- Reports on commission to register

**Income and expense accounting**

- Enter indicators for cost allocation

**Income and expenses, financial result**

**Expense allocation to product cost**

- Purchases of services and other assets
- Sales of services and other assets
- Recording of other income and expenses
- Deferred expense allocation
- Cash deposit/withdraw by line of business

**Balance sheet statement**

- Asset and liability items
- Records of other assets and liabilities

**Month-end closing**

**Month-end closing**

- Exchange rate difference calculation

**Target indicators**

**Target indicator dashboard**

**Analysis options of target indicators**

Target categories

See also

- Settings of goods transfer between companies
- Income items
- Expense items
- Expense allocation rules
- Other expenses
- Line of business
- Methods of allocating income by line of business
- Customize sales allocation by line of business

**Reports**

Additional reports

**Tools**

- Additional data processors
- Goods handover and redemption generation wizard
- Wizard of correcting company stock balance

Demonstration base / 1C:ERP WE (1C:Enterprise)

Home page | Demo mode: Target indicator dashboard x | Analysis options of target indicators x | Demo mode: Target indicator dashboard (print) x

Quick menu

- Budgeting and planning
- CRM and marketing
- Sales
- Purchases
- Warehouse and delivery
- Production
- Cash flow
- Financial result and controlling**
- Capital assets
- International financial accounting
- Master data and settings

**Analysis options of target indicators**

Create target | More actions -

Target	Target indicator
Structure of targets	
Supplied indicator model	
Profit growth	Profit
Floating asset optimization	Working capital
Cash balance optimization	Cash
Control of inpayment plan	Inpayments
Control of cash debiting plan	Cash debiting
Receivable optimization	Customer debts
Accounts payable optimization	Accounts payable
Stock optimization	Inventory cost
Order fulfillment	Order fulfillment
Plan fulfillment	Plan fulfillment
Liquidity and creditworthiness	Liquidity and creditworthiness
Exchange rates	Exchange rates

More actions -

Create analysis option	Responsible person	Analysis type	Target
Plan/actual received cash		Component-wise comparison (structure)	
Plan/actual received cash		Component-wise comparison (dynamics)	

← → ★ Analysis options of target indicators

Create target [Icons] More actions ▾

Target	Target indicator
Structure of targets	
Supplied indicator model	
Profit growth	Profit
Floating asset optimization	Working capital
Cash balance optimization	Cash
Control of inpayment plan	Inpayments
Control of cash debiting plan	Cash debiting
Receivable optimization	Customer debts
Accounts payable optimization	Accounts payable
Stock optimization	Inventory cost
Order fulfillment	Order fulfillment
Plan fulfillment	Plan fulfillment
Liquidity and creditworthiness	Liquidity and creditworthiness
Exchange rates	Exchange rates

Create analysis option [Icons] Print [Icons] Usage instances [Icon] More actions ▾

Analysis option name	Responsible person	Analysis type	Target values ...
Plan/actual received cash		Component-wise comparison (structure)	
Plan/actual received cash		Component-wise comparison (dynamics)	

### Appearance setting

Colors [Icon] Comparison colors [Icon] Value scale [Icon] More [Icon]

Indicator value:

Forecast:

**Target values**

Value:

Positive variance:

Negative variance:

Allowable variance:

OK Cancel Standard appearance settings

### Plan/actual received cash (Target indicator analysis option) \*

Main Target values (ranges)

Save and close Save Print Usage instances More actions ▾

Option name:

Indicator value calculation Appearance and forecast

**Appearance**

Chart type:

Display option (default):

Indicator display option in "Target indicator dashboard" if the user did not specify otherwise.

**Set appearance**

Set up color design of indicator, chart, and value scale.

**Set up demo data**

Indicator value data which is used for displaying in the demo mode of the "Target indicator dashboard" (Alt+D).

**Forecasting**

Calculate forecast

Depth:  days and horizon:  One day 00

Forecasting is available for analysis types "Change dynamics" and "Comparison with previous period".

Control:  [set up reports](#)

Responsible person:  [change availability](#)



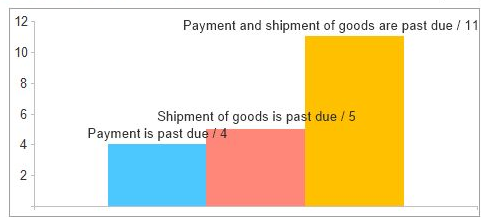
- Quick menu
- Budgeting and planning
- CRM and marketing
- Sales
- Purchases
- Warehouse and delivery
- Production
- Cash flow
- Financial result and controlling
- Capital assets
- International financial accounting
- Master data and settings

Demo mode: Target indicator dashboard

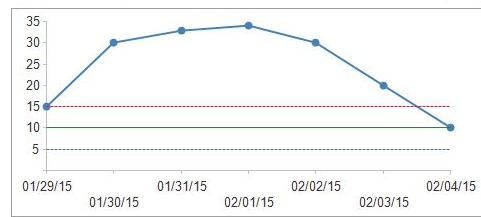
Indicators: All Stateless

Order fulfillment

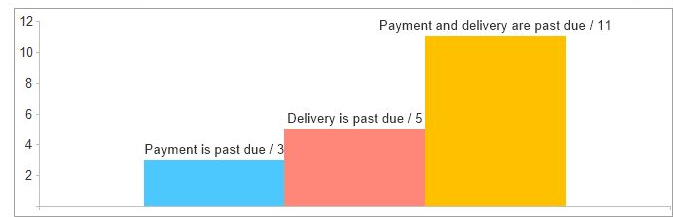
Overdue sales orders / ord. / 10/28/2019



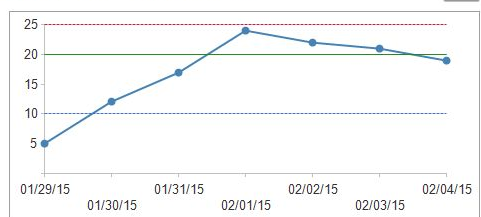
Overdue sales orders / ord. / 10/23/2019...



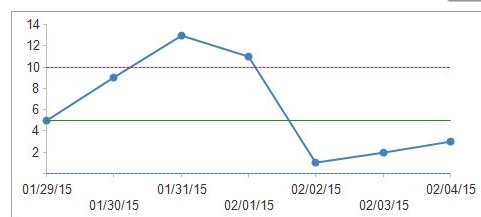
Overdue purchase orders / ord. / 10/28/2019



Overdue purchase orders / ord. / 10/23/...

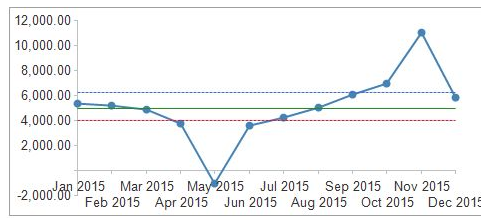


Overdue production orders / ord. / 10/2/...



Financial results

Profit / thous. / USD / 1/1/2019 - 12/31/...



How can I check indicators on a smartphone or a tablet?

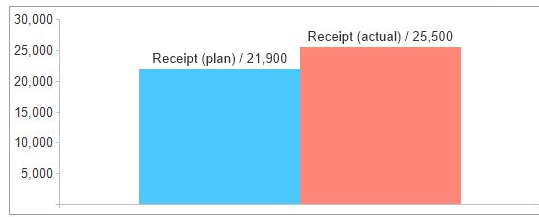


- Quick menu
- Budgeting and planning
- CRM and marketing
- Sales
- Purchases
- Warehouse and delivery
- Production
- Cash flow
- Financial result and controlling
- Capital assets
- International financial accounting
- Master data and settings

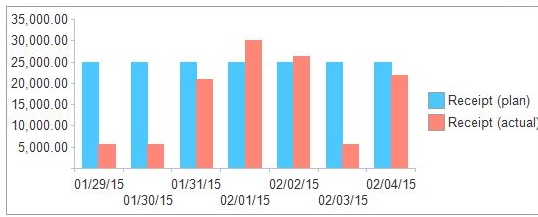
### Demo mode: Target indicator dashboard

Indicators: All Stateless

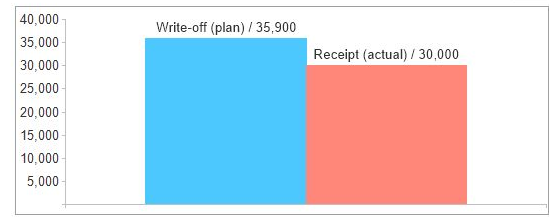
Plan/actual received cash / thous. / 10/28/2019



Plan/actual received cash / 10/23/2019 - 10/29/...



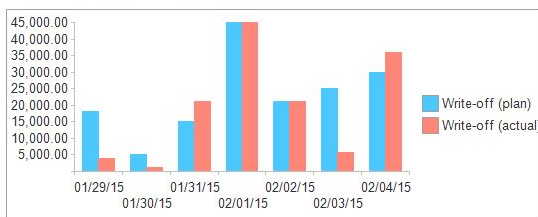
Plan/actual debited cash / thous. / 10/28/2019



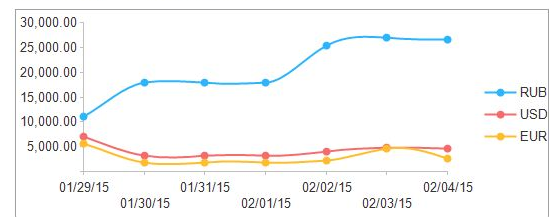
TOP 5 Future payments (for 7 days) / thous. / 1...

Payment of credits and other borrowed funds	34,700
Salary payment to employees	56,000
Payment to supplier (goods, works, services)	40,000
Payment of other taxes	52,000
Dividend payment to stockholders	32,000

Plan/actual debited cash / thous. / 10/23/2019 - ...

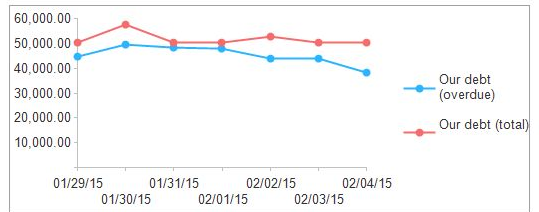


Balance in mngt acct currency / thous. / USD / ...

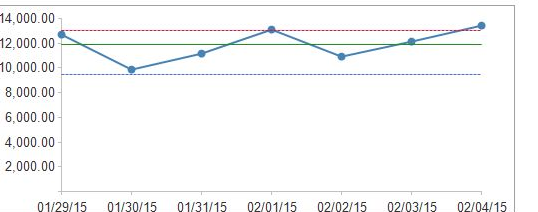


### Finances

Overdue debts to suppliers / thous. / USD / 10/...



Inventory / thous. / USD / 10/23/2019 - 10/29/...



[How can I check indicators on a smartphone or a tablet?](#)

**Thank you for your attention!**

