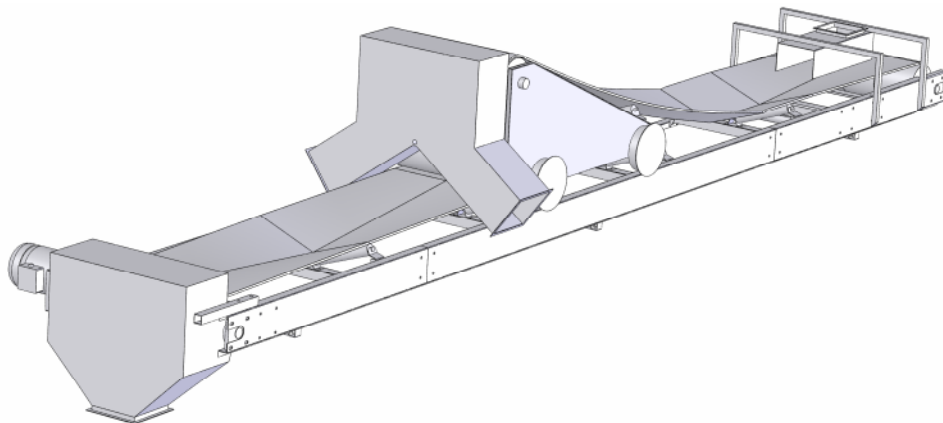


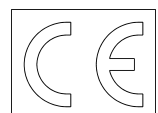
# CROCUS

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## INSTRUCTION MANUAL



## BELT CONVEYOR



# Belt conveyer

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## **Preface**

Please read the Instruction Manual thoroughly and ensure that all instructions concerning safety, running and maintenance are followed, in order to ensure optimal operation of the equipment.

Please provide the following information when making any enquiries:

### **Type / Model, Fabrication number / Year**

All equipment has an attached label, giving fabrication details.

# Belt conveyor

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# Belt conveyor

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## EU – Certificate of agreement

**Manufacturer:** Crocus  
Assentoft  
DK-8960 Randers SØ

Hereby declare that the following machines:

Type: **Crocus belt conveyor**

Model: **B400, B500, B600, B700, B800,  
B1000 & B1200**

which are covered by this declaration are manufactured in accordance with the EU- directive of 14th June 1989 concerning mutual rapprochement of legislation for machinery (89/392/EØF) in all member countries and with especial reference to the directives appendix 1 regarding health and safety requirements during the construction and manufacture of machines.

4/2 03  
Dato

Ejvind Møller  
Ejvind Møller (fabrikant)



# CERTIFICATE

for filing of documentation

## Equipment for use in potentially explosive atmospheres

Directive 2014/34/EU

Certificate Number: **DTI 2017-1-0238A**  
Equipment: **Belt conveyor**  
Type: **B-series**  
Model(s): **B400, B500, B600, B700, B800, B1000, B1200,  
B1400, B1600, B1700, B1800, B2000**  
Manufacturer: **Crocus v/Ejvind Møller**  
Address: **Virkevungen 25, Assentoft  
8960 Randers SØ  
Denmark**

The marking of the equipment or protective system shall include the following:



**II 2D**  
**Ex h IIB T110°C Db**  
**-20°C ≤ Ta ≤ 60°C**

The storage takes place, acc. Directive 2014/34 / EU of 26 February 2014 Article 13, 1, b), ii) dealing with storage of the technical documentation acc. Annex VIII, section 2 and for forwarding of this documentation to a Notified Body. The certificate confirms the receipt and storage of the technical documentation received from the certificate holder.

It was not verified and without responsibility of Technological Institute whether the documentations and marking are correct, complete or according to the requirements in the Directive 2014/34/EU.

The receipt documentation is storage in confidential report.

Description of receipt documentation: One binder.

Technological Institute  
Certification & Inspection

2017-02-28

**Steen Christensen**  
ExNB 0396

# Belt conveyor

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## **Safety regulations**

Please observe the following safety regulations for prevention of accidents.

The belt conveyor must be equipped with an electronic safety cut-off switch

Turn off and lock the electronic switch during inspection /repair or when cleaning the belt conveyor.

Replace the top cover and casing immediately following inspection / repair even when the conveyor is not in use.

Always lock the discharge wagon with the fitted device so the wagon can not be displaced during operation.

All electrical installation / repair must be carried out according to the regulations applicable for high voltage installations and should be carried out by an authorised electrician.

Where there is personnel access to the conveyor, an emergency stop cord should be fitted that is accessible along the entire length of the conveyor. Ensure uninhibited access to the emergency stop cord . Pressing the wire a few cms to either side must be enough to stop the conveyor motor. Follow usual procedures to restart the motor.

# Belt conveyor

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## **Technical description**

### **1. Usage**

Crocus belt conveyors are manufactured in an industrial design, which guarantees efficient conveyance of cereals and mealy products for the seed and foodstuff industry, breweries, agriculture and other industrial usage.

### **2. Function**

The belt conveyor is driven by a motorized driving pulley or gear motor and the belt is carried by horizontal or inclined rollers fitted with bearings and dustproof washers.

Belt type and quality are selected dependant upon the material to be transported and the conveyors length.

One or more inlets may be positioned arbitrarily along the length of the conveyor making it suitable for a wide range of uses.

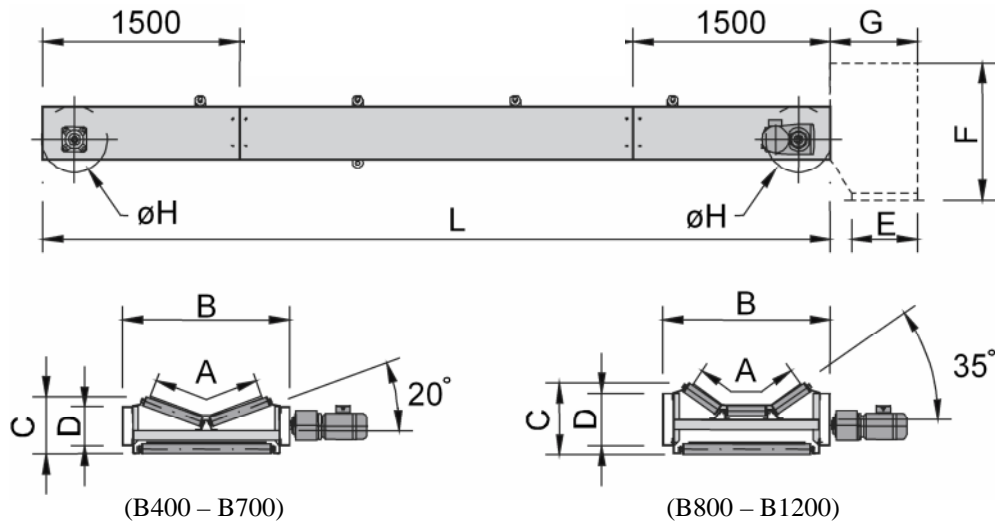
In addition, the belt conveyor may be fitted with a discharge wagon enabling discharge of the transported material at different points within the wagons working radius.

Discharge wagons may be manually operated or motor driven and can discharge material to one or both sides.

The belt conveyor may be fitted with a velocity guard that ensures that the belt does not shift position on the drive roller.

# Belt conveyor

## Technical data



Type	A	B	C	D	E	F	G	H
<b>B400</b>	400	650	235	200	160	600	170	ø215
<b>B500</b>	500	750	250	200	200	600	220	ø215
<b>B600</b>	600	850	270	200	240	700	270	ø215
<b>B700</b>	700	950	280	200	300	700	320	ø215
<b>B800</b>	800	1100	320	250	500	1000	540	ø400
<b>B1000</b>	1000	1325	520	480	550	1250	600	ø500
<b>B1200</b>	1200	1550	550	500	700	1350	750	ø600

## Effect calculation:

K = Capacity (t/h)

L = Length (meter)

$$\text{Effect (kW)} \geq \frac{K \times L}{5400} + \frac{K + 30}{135}$$

Type	B 400	B 500	B 600	B 700	B 800	B1000	B1200
capacity: belt speed = 2,0/ m/s $\delta = 0,7 \text{ t/m}^3$ water content = 18% (t/h)	45	80	125	180	250	430	640
Weight per meter, ton (kg/m)	29	31	34	37	90	110	140
Length of carrying roller (mm)	200	250	300	350	2x250 + 1x350	2x320 + 1x450	2x400 + 1x550
Length of return roller (mm)	500	600	700	800	900	1100	1300

We reserve the right of amendment

**CROCUS**

Virkevangen 25, Assentoft  
DK-8960 Randers SØ

Tel.: (+45) 87 95 93 00  
Fax: (+45) 87 95 93 09

E-mail: [crocus@crocus.dk](mailto:crocus@crocus.dk)  
Homepage: [www.crocus.dk](http://www.crocus.dk)

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Date: 1/2 2019



# Belt conveyor

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## **Operating instructions**

The belt conveyor must not be overloaded.

With transport of bulk goods the inlet must be positioned such that material is placed in the centre of the belt and is not spread across the belts sides.

The belt must be tightened so that it does not shift position on the drive roller and so that it runs straight on the roller.

The discharge wagon must always be locked during the conveyors operation.

Avoid overload by ensuring that the outlet is clear.

# Belt conveyor

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## Maintenance instructions

### 1. **The belt**

Check that the belt is appropriately tightened, so that it does not shift position on the drive roller.

The belt is tightened by means of 2 tensioning devices, that must be adjusted equally in both sides.

Check the belt after the first 1000 hours of operation.

Following that – the belt should be checked for cracks and the tension adjusted after every 1000 hours operation.

Lesser damage may be temporarily repaired with the aid of a repair kit which is available from your supplier.

### 2. **Gear / gear motor**

Check the oil level in the gear before start.

New gears are supplied with synthetic oil. It is recommended that the oil be changed after the first 10.000 hours of operation.

Oil change intervals are otherwise recommended for every 20.000 hours of operation, or every 4<sup>th</sup> year.

See the gear manufacturers instructions on the following pages for further information.

The gear motor may be cleaned for dust and dirt with compressed air.

### 3. **Lubrication**

The belt conveyor is equipped with bearings with a lubrication nipple that should be lubricated with 2 “squirts” of 1,5 g. twice yearly, with 24 hour operation.

Bearings should be kept clean of dirt and dust.

# Belt conveyor

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## Assembly instructions

### Contents

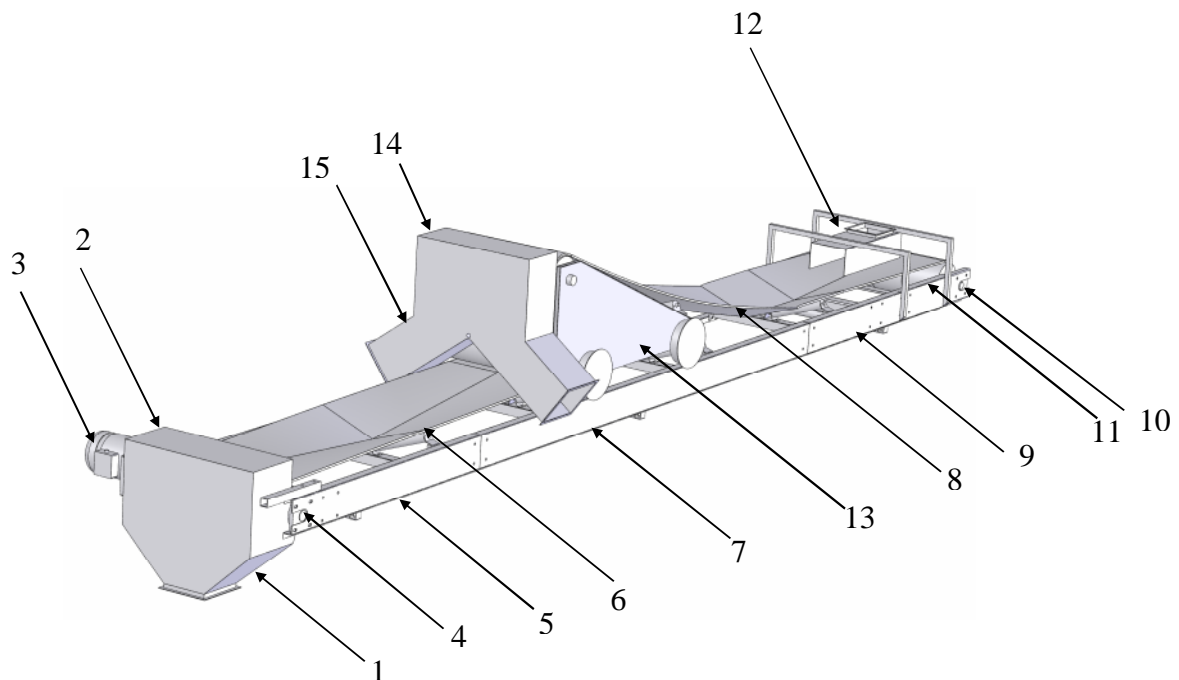
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Belt conveyor description	2
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Fitting the belt	4
Belt conveyor with discharge wagon	5
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# Belt conveyor

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## Description of the belt conveyor

1. Collection hopper
2. End outlet/guard
3. Hollow-axel gear/gear motor
4. Belt drive drum
5. Motor station L = 1500 mm
6. Supporting rollers
7. Extension sections L = 3000 mm
8. Belt
9. Tensioning station L = 1500 mm
10. Tension spindle
11. Belt drive drum
12. Inlet guide
13. Discharge wagon
14. Wagon collection hopper /guard
15. Two way dispenser



# Belt conveyor

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## Assembling the belt conveyor

1. The Crocus belt conveyor consists of a motor section, a tensioning section and a number of extension sections.
2. The motor section and extension sections are joined with the aid of assembly plates. Insert bolts without tightening, fig. 1.

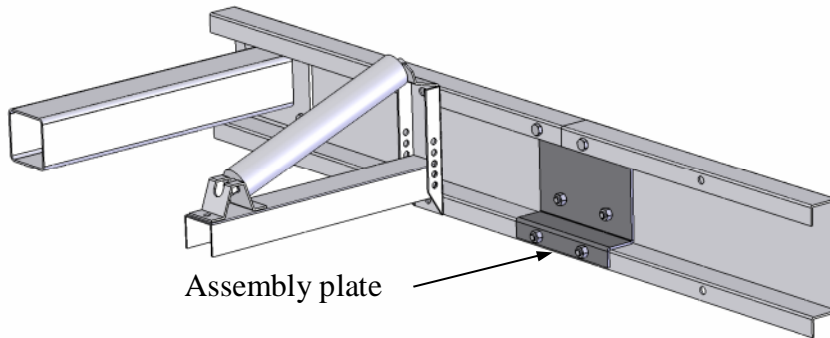


Fig.1

3. Assemble the roller frame as shown, fig. 2, inserting the bolts without tightening them. Distance between roller frames 1,2 m.  
The roller frame is fitted at a right angle to the side plates.

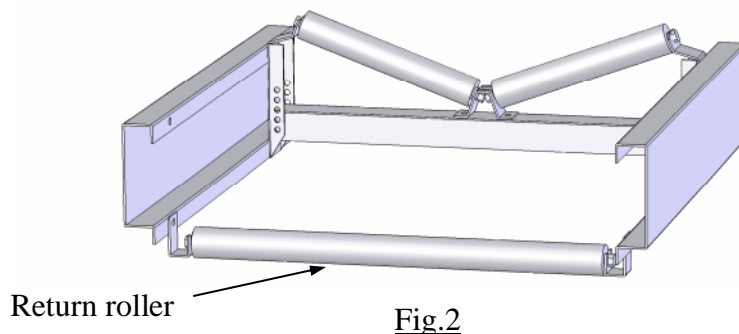


Fig.2

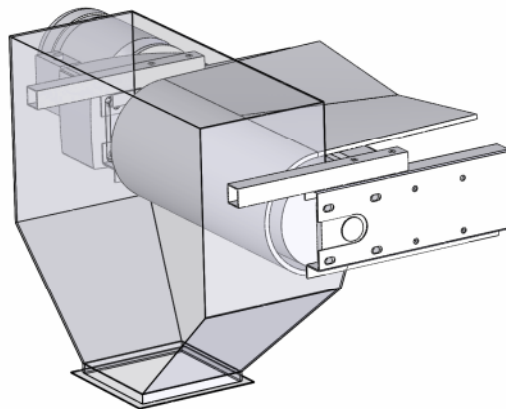
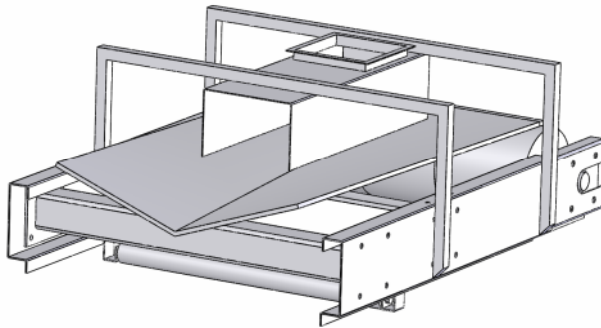
4. When the belt conveyor is fully assembled, the conveyor must be aligned to stand straight and flat. Tighten all bolts.
5. Return rollers are fitted on every second roller frame, with a distance of 2,4 m. between rollers.

# Belt conveyor

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## Fitting the belt

6. Lay the belt in place ensuring that the tension roller is pulled as far forward as possible. Join the belt, vulcanizing the join whilst the belt is kept tight.
7. If the supplied belt is endless it should be fitted before the tensioning section.
8. Once the belt has been fitted, the conveyor legs or suspension brackets may be fitted.
9. Align the conveyor and tighten the belt.
10. Fit the Inlet guide and end outlet and bolt fast.



# Belt conveyor

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## **Belt conveyor with discharge wagon**

11. Position the discharge wagon on the conveyors side plates before the belt is fitted to the conveyor. (Step 6).

Pull the belt through the discharge wagon whilst is supporting it against the end of the conveyor.

12. Position the discharge wagons outlet approximately 3-4 mm. from the belt.
13. Adjust the discharge wagon belt rollers to ensure that the belt runs straight after the wagon.

# Belt conveyer

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## Belt adjustment

14. Adjust the belt drums and roller frames, during running in, to ensure that the belt runs straight.

Fit the roller frames at right angles to the side plates.

Adjust the belt drums so that the belt runs true on the drive drum and the tension drum.

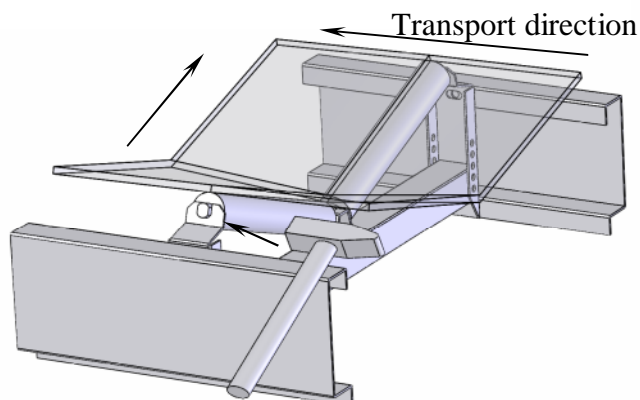
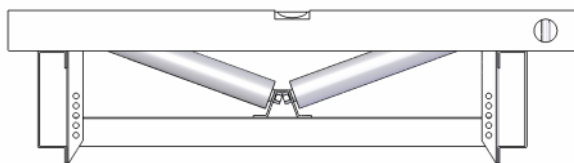
15. Furthermore, the belt may be aligned by adjusting the roller frames.

Steer the belt into position by reversing the frames against the direction of transportation.

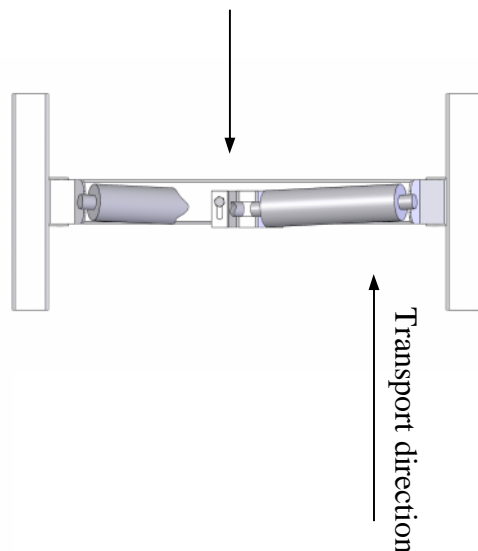
Begin by adjusting every second roller frame marginally then wait until the belt has completed a couple of turns before further adjustment is made.

16. Run the discharge wagon along the entire length of the conveyer and check that the belt runs true through the wagon.

If necessary, adjust the discharge wagon.



Reversed roller frames  
guide the belt into position





# Belt conveyer

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## **Belt conveyer in general**

Prior to start /delivery check:

1. Oil levels in the gear motor / drum motor.
2. The air bleed plug has been removed.
3. The belt is correctly aligned and runs true.
4. The belt is correctly tensioned.
5. The inlet guide etc. does not damage the belt during operation.

# Belt conveyer

## Part list – spare-parts list Type B400

Item	Number	Description	No.
<b><u>Motor section</u></b>			
M 1	2	Side plate L = 1500 mm.	60-001
M 2	2	Assembly plate for side plate	60-002
M 3	1	Gear motor (see machine list)	
M 4	1	Belt drum $\varnothing 219 \times 450$ mm.	61-003
M 5	1	Belt drum axel (see machine list)	
M 6	2	Flange bearing FWS 50A	
M 7	1	Transverse bracing	
M 8	1	Roller frame, complete excl. return roller	
M 9	1	End outlet/guard	61-005
M 10	1	Collection funnel	61-006
M 11	32	Screw set –M10 x 16 mm. (zinc-coated )	
M 12	8	Screw set –M12 x 35 mm. (zinc-coated)	
M 13	8	Screw set –M10 x 20 mm. (zinc-coated)	
M 14	1	Belt (see machine list)	
<b><u>Tensioning section</u></b>			
S 1	2	Side plate L = 1500 mm.	60-004
S 2	1	Belt drum $\varnothing 219 \times 450$ mm.	61-003
S 3	1	Belt drum axel $\varnothing 40 \times 636$ mm.	61-010
S 4	2	Flange bearing FWS 40A	
S 5	2	Tension plate	60-005
S 6	2	Tensioning spindle M16 x 250 mm.	61-041
S 7	1	End plate	61-045
S 8	1	Reinforcement for end plate	61-046
S 9	1	Roller frame, complete excl. return roller	
S 10	1	Transverse bracing	61-004
S 11	12	Screw set –M10 x 16 mm. (zinc-coated)	
S 12	10	Screw set –M8 x 16 mm. (zinc-coated)	
S 13	8	Screw set –M12 x 30 mm. countersunk (zinc-coated)	
<b><u>Extension section</u></b>			
F 1	2	Side plate L = 3000 mm.	60-003
F 2	2	Assembly plate for side plate	60-002
F 3	1-2	Roller frame, complete excl. return roller	
F 4	1	Roller frame, complete with return roller	
F 5	16	Screw set –M10 x 16 mm. (zinc-coated)	

# Belt conveyer

## Part list – spare-part list Type B400

Item	Number	Description	No.
		<b><u>Roller frame</u></b>	
R 1	1	Centre beam for roller frame	61-036
R 2	2	Fitting for supporting roller	60-007
R 3	1	Central fitting for supporting roller	60-008
R 4	2	Fitting for supporting roller	60-006
		Supporting roller: Interroll 1300P STI 50 x 1,5: A 10 NV 17 x 10, AL = 242 mm. Return roller: Interroll 1300P STI 50 x 1,5: A 10 NV 17 x 10, AL = 492 mm.	
R 5	10	Screw set –M8 x 16 mm. (zinc-coated)	
R 6	4	Screw set –M10 x 16 mm. (zinc-coated)	
		<b><u>Discharge wagon</u></b>	
A 1	2	Side plate	60-009
A 2	1	Transverse reinforcement	61-044
A 3	2	Belt drum	61-003
A 4	2	Axel for belt drum	61-012
A 5	2	Axel for drive wheel	61-014
A 6	4	Drive wheel	61-021
A 7	1	Wagon collection hopper/guard	61-029
A 8	1	Collection hopper	61-030
A 9	1	Discharge pipe – left side	61-031
A 10	1	Discharge pipe – right side	61-032
A 11	4	Flange bearings FWS 40A	
A 12	4	Flange bearings FWS 25A	
	16	Screw set –M12 x 35 mm. (zinc-coated)	
	16	Screw set –M10 x 35 mm. (zinc-coated)	
	8	Screw set –M10 x 20 mm. (zinc-coated)	
	12	Screw set –M10 x 16 mm. (zinc-coated)	

# Belt conveyer

## Parts list – spare-parts list Type B500

Item	Number	Description	No.
<b><u>Motor section</u></b>			
M 1	2	Side plate L = 1500 mm.	60-001
M 2	2	Assembly plate for side plate	60-002
M 3	1	Gear motor (see machine list)	
M 4	1	Belt drum $\varnothing 219 \times 550$ mm.	62-003
M 5	1	Axel for belt drum (see machine list)	
M 6	2	Flange bearing FWS 50A	
M 7	1	Transverse reinforcement	62-004
M 8	1	Roller frame, complete excl. return roller	
M 9	1	End outlet /guard	62-005
M 10	1	Collection hopper	62-006
M 11	32	Screw set –M10 x 16 mm. (zinc-coated)	
M 12	8	Screw set –M12 x 35 mm. (zinc-coated)	
M 13	8	Screw set –M10 x 20 mm. (zinc-coated)	
M 14	1	Belt (see machine list)	
<b><u>Tensioning section</u></b>			
S 1	2	Side plate L = 1500 mm.	60-004
S 2	1	Belt drum $\varnothing 219 \times 550$ mm.	62-003
S 3	1	Axel for belt drum $\varnothing 40 \times 736$ mm.	62-010
S 4	2	Flange bearing FWS 40A	
S 5	2	Tension plate	60-005
S 6	2	Tensioning spindle M16 x 250 mm.	62-041
S 7	1	End plate	62-045
S 8	1	Reinforcement for end plate	62-046
S 9	1	Roller frame, complete excl. return roller	
S 10	1	Transverse reinforcement	62-004
S 11	12	Screw set –M10 x 16 mm. (zinc-coated)	
S 12	10	Screw set –M8 x 16 mm. (zinc-coated)	
S 13	8	Screw set –M12 x 30 mm. Counter sunk (zinc-coated)	
<b><u>Extension section</u></b>			
F 1	2	Side plate L = 3000 mm.	60-003
F 2	2	Assembly plate for side plate	60-002
F 3	1-2	Roller frame, complete excl. return roller	
F 4	1	Roller frame, complete incl. Return roller	
F 5	16	Screw set –M10 x 16 mm. (zinc-coated)	

# Belt conveyer

## Parts list – spare-parts list Type B500

Item	Number	Description	No.
		<b><u>Roller frame</u></b>	
R 1	1	Central beam for roller frame	62-036
R 2	2	Fitting for supporting roller	60-007
R 3	1	Central fitting for supporting roller	60-008
R 4	2	Fitting for return roller	60-006
		Supporting roller: Interroll 1300P STI 50 x 1,5: A 10 NV 17 x 10, AL = 292 mm. Return roller: Interroll 1300 P STI 50 x 1,5: A 10 NV 17 x 10, AL = 592 mm.	
R 5	10	Screw set –M8 x 16 mm. (zinc-coated)	
R 6	4	Screw set –M10 x 16 mm. (zinc-coated)	
		<b><u>Discharge wagon</u></b>	
A 1	2	Side plate	60-009
A 2	1	Transverse reinforcement	62-044
A 3	2	Belt drum	62-003
A 4	2	Axel for belt drum	62-012
A 5	2	Axel for drive wheel	62-014
A 6	4	Drive wheel	62-021
A 7	1	Wagon collection hopper/guard	62-029
A 8	1	Collection hopper	62-030
A 9	1	Discharge pipe – left side	62-031
A 10	1	Discharge pipe – right side	62-032
A 11	4	Flange bearing FWS 40A	
A 12	4	Flange bearing FWS 25A	
	16	Screw set –M12 x 35 mm. (zinc-coated)	
	16	Screw set –M10 x 35 mm. (zinc-coated)	
	8	Screw set –M10 x 20 mm. (zinc-coated)	
	12	Screw set –M10 x 16 mm. (zinc-coated)	

# Belt conveyer

## Part list – spare-part list Type B600

Item	Number	Description	No.
<b><u>Motor section</u></b>			
M 1	2	Side plate L = 1500 mm.	60-001
M 2	2	Assembly plate for side plate	60-002
M 3	1	Gear motor (see machine list)	
M 4	1	Belt drum $\varnothing 219 \times 650$ mm.	63-003
M 5	1	Axel for belt drum (see machine list)	
M 6	2	Flange bearing FWS 50A	
M 7	1	Transverse reinforcement	63-004
M 8	1	Roller frame, complete excl. return roller	
M 9	1	End outlet/guard	63-005
M 10	1	Collection hopper	63-006
M 11	32	Screw set –M10 x 16 mm. (zinc-coated)	
M 12	8	Screw set –M12 x 35 mm. (zinc-coated)	
M 13	8	Screw set –M10 x 20 mm. (zinc-coated)	
M 14	1	Belt (see machine list)	
<b><u>Tension section</u></b>			
S 1	2	Side plate L = 1500 mm.	60-004
S 2	1	Belt drum $\varnothing 219 \times 650$ mm.	63-003
S 3	1	Axel for belt drum $\varnothing 40 \times 836$ mm.	63-010
S 4	2	Flange bearing FWS 40A	
S 5	2	Tension plate	60-005
S 6	2	Tensioning spindle M16 x 250 mm.	63-041
S 7	1	End plate	63-045
S 8	1	Reinforcement for end plate	63-046
S 9	1	Roller frame, complete excl. return roller	
S 10	1	Transverse reinforcement	63-004
S 11	12	Screw set –M10 x 16 mm. (zinc-coated)	
S 12	10	Screw set –M8 x 16 mm. (zinc-coated)	
S 13	8	Screw set –M12 x 30 mm. countersunk (zinc-coated)	
<b><u>Extension section</u></b>			
F 1	2	Side plate L = 3000 mm.	60-003
F 2	2	Assembly plate for side plate	60-002
F 3	1-2	Roller frame, complete excl. return roller	
F 4	1	Roller frame, complete incl. Return roller	
F 5	16	Screw set –M10 x 16 mm. (zinc-coated)	

# Belt conveyer

## Parts list – spare-parts list Type B600

Item	Number	Description	No.
		<b><u>Roller frame</u></b>	
R 1	1	Central beam for roller frame	63-036
R 2	2	Fitting for supporting roller	60-007
R 3	1	Centre fitting for supporting roller	60-008
R 4	2	Fitting for return roller	60-006
		Supporting roller: Interroll 1300P STI 50 x 1,5: A 10 NV 17 x 10, AL = 342 mm.	
		Return roller: Interroll 1300P STI 50 x 1,5: A 10 NV 17 x 10, AL = 692 mm.	
R 5	10	Screw set –M8 x 16 mm. (zinc-coated)	
R 6	4	Screw set –M10 x 16 mm. (zinc-coated)	
		<b><u>Discharge wagon</u></b>	
A 1	2	Side plate	60-009
A 2	1	Transverse reinforcement	63-044
A 3	2	Belt drum	63-003
A 4	2	Axel for belt drum	63-012
A 5	2	Axel for drive wheel	63-014
A 6	4	Drive wheel	63-021
A 7	1	Wagon collection hopper/guard	63-029
A 8	1	Discharge pipe – left side	63-030
A 9	1	Discharge pipe – right side	63-031
A 10	1	Flange bearing FWS 40A	
A 11	4	Flange bearing FWS 25A	
	16	Screw set –M12 x 35 mm. (zinc-coated)	
	16	Screw set –M10 x 35 mm. (zinc-coated)	
	8	Screw set –M10 x 20 mm. (zinc-coated)	
	12	Screw set –M10 x 16 mm. (zinc-coated)	

# Belt conveyor

## Part list – spare-part list Type B800

Item	Number	Description	No.
<b><u>Motor section</u></b>			
M 1	2	Side plate L = 1500 mm.	65-001
M 2	2	Assembly plate for side plate	65-002
M 3	1	Gear motor (see maschine list)	
M 4	1	Belt drum $\varnothing 269 \times 850$ mm.	65-050
M 5	1	Axel for belt drum (see maschine list)	
M 6	2	Flange bearing FWS 50A	
M 7	1	Transverse reinforcement	65-013
M 8	1	Roller frame, complete excl. return roller	
M 9	1	End outlet/guard	65-108
M 10			
M 11	32	Screw set – M10 x 16 mm. (zinc-coated)	
M 12	8	Screw set – M12 x 35 mm. (zinc-coated)	
M 13	8	Screw set – M10 x 20 mm. (zinc-coated)	
M 14	1	Belt (see maschine list)	
<b><u>Tension section</u></b>			
S 1	2	Side plate L = 1500 mm.	65-004
S 2	1	Belt drum $\varnothing 271 \times 850$ mm.	65-060
S 3	1	Axel for belt drum $\varnothing 40 \times 836$ mm.	
S 4	2	Flange bearing FWS 50A	
S 5	2	Tension plate	65-040
S 6	2	Tensioning spindle M20 x 350 mm.	
S 7	1	End plate	65-300
S 8			63-046
S 9	1	Roller frame, complete excl. return roller	
S 10	1	Transverse reinforcement	65-013
S 11	12	Screw set – M10 x 16 mm. (zinc-coated)	
S 12	10	Screw set – M8 x 16 mm. (zinc-coated)	
S 13	8	Screw set – M12 x 30 mm. countersunk (zinc-coated)	
<b><u>Extension section</u></b>			
F 1	2	Side plate L = 3000 mm.	65-003
F 2	2	Assembly plate for side plate	65-002
F 3	1-2	Roller frame, complete excl. Return roller	
F 4	1	Roller frame, complete excl. Return roller	
F 5	16	Screw set – M10 x 16 mm. (zinc-coated)	



# Belt conveyer

## Part list – spare-parts list Type B800

Item	Number	Description	No.
		<b><u>Roller frame</u></b>	
R 1	1	Central beam for roller frame	65-016
R 2	2	Fitting for supporting roller	65-007
R 3	1	Centre fitting for supporting roller	65-008
R 4	2	Fitting for return roller	65-006
		Supporting roller:	
		Rolltechnic Type 300 80 x 2 STI A14 NV17	
	2	RL290 EL 310 AL 324	
	1	RL466 EL 486 AL 500	
		Return roller:	
	1	RL1100 EL 1120 AL 1134	
R 5	10	Screw set – M8 x 16 mm. (zinc-coated)	
R 6	4	Screw set – M10 x 16 mm. (zinc-coated)	

# Belt conveyer

## Part list – spare-part list Type B1000

Item	Number	Description	No.
<b><u>Motor section</u></b>			
M 1	2	Side plate L = 1500 mm.	65-001
M 2	2	Assembly plate for side plate	65-002
M 3	1	Gear motor (see maschine list)	
M 4	1	Belt drum $\varnothing 269 \times 1050$ mm.	65-050
M 5	1	Axel for belt drum (see maschine list)	
M 6	2	Flange bearing FWS 50A	
M 7	1	Transverse reinforcement	66-013
M 8	1	Roller frame, complet excl. return roller	
M 9	1	End outlet/guard	66-061
M 10			
M 11	32	Screw set – M10 x 16 mm. (zinc-coated)	
M 12	8	Screw set – M12 x 35 mm. (zinc-coated)	
M 13	8	Screw set – M10 x 20 mm. (zinc-coated)	
M 14	1	Belt (see maschine list)	
<b><u>Tension section</u></b>			
S 1	2	Side plate L = 1500 mm.	65-004
S 2	1	Belt drum $\varnothing 271 \times 1050$ mm.	66-060
S 3	1	Axel for belt drum $\varnothing 40 \times 836$ mm.	
S 4	2	Flange bearing FWS 50A	
S 5	2	Tension plate	65-040
S 6	2	Tensioning spindle M20 x 350 mm.	
S 7	1	End plate	65-300
S 8			63-046
S 9	1	Roller frame, complete excl. return roller	
S 10	1	Transverse reinforcement	66-013
S 11	12	Screw set – M10 x 16 mm. (zinc-coated)	
S 12	10	Screw set – M8 x 16 mm. (zinc-coated)	
S 13	8	Screw set – M12 x 30 mm. Countersunk (zinc-coated)	
<b><u>Extension section</u></b>			
F 1	2	Side plate L = 3000 mm.	65-003
F 2	2	Assembly plate for side plate	65-002
F 3	1-2	Roller frame, complete excl. return roller	
F 4	1	Roller frame, complete excl. return roller	
F 5	16	Screw set –M10 x 16 mm. (zinc-coated)	

# Belt conveyer

## Part list – spare-part list Type B1000

Item	Number	Description	No.
		<b><u>Roller frame</u></b>	
R 1	1	Central beam for roller frame	66-016
R 2	2	Fitting for supporting roller	66-007
R 3	1	Centre fitting for supporting roller	66-008
R 4	2	Fitting for return roller	66-015
		Supporting roller:	
		Rolltechnic Type 300 80 x 2 STI A14 NV17	
	2	RL290 EL 310 AL 324	
	1	RL466 EL 486 AL 500	
		Return roller:	
	1	RL1100 EL 1120 AL 1134	
R 5	10	Screw set – M8 x 16 mm. (zinc-coated)	
R 6	4	Screw set – M10 x 16 mm. (zinc-coated)	