


## Data sheet:

## Straw conveyer – BC 140



januar 8, 2021

Picture				
Machine function	Receiver and conveying table made with chain and slat for filling into a bale breaker, straw shredder or other device. The min. length is 5 meter, on special demand shorter down to 2,5 meter and can be extended to max. length of 10 meter with 2.5 meter sections.			
Machine number for standard	1013-454 (5m), 1013.455 (7,5 m), 1013-456 (10m)			
Machine paint:	Standard ISO 12944-5 category C2. Machines, guards etc. comes in a color type RAL 3001 red suitable for indoor, non corrosive environment - water and oil resistant -15 to + 60 degrees C, surface purified with alkaline degreaser, painted with a machine primer and here after coating paint.			
Custom tariff number	84369900			
Power on motor kW	1,1 kW			
Starter and wiring	DOL, 4 x 1 mm <sup>2</sup> (can also be frequency controlled)			
Oil type and change interval	Filled from supplier: Shell Tivela S320 (use similar) Exchange every: 4000 hours.			
Table speed	3.8 m/min			
Measures	W=1480 mm, H=850* mm and L=2500 5000, 7500 or 10000 mm (*with legs for bales at 650 mm from ground level)			
Weight	Meter	Gear motor	Complete section Kg	Total Kg
	2,5	91 Kg	390 x 1	481
	5	91 Kg	390 x 2	871
	7,5	91 Kg	390 x 3	1261
	10	91 Kg	390 x 4	1651
	12,5	91 Kg	390 x 5	2041
Standard	DS/EN 60204-1:2006 Safety of Machinery - Electrical Equipment of Machines, DS/EN ISO 13850 of January 29 <sup>th</sup> 2007 emergency stop, DS/EN ISO 13849-1 safety-related parts of control systems, DS/EN 60204-1: 2006, cable installation method E			
RISK ASSESMENT - Machine	The machine can be used as a "stand alone" machine and is therefore also delivered with a CE marking and conformity declaration. Emergency stop wire is placed along both sides of the machine. There is no risk for dust explosion inside the machine.			

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Safety level as stand alone:

PLr: a (EN/ISO 13849-1)

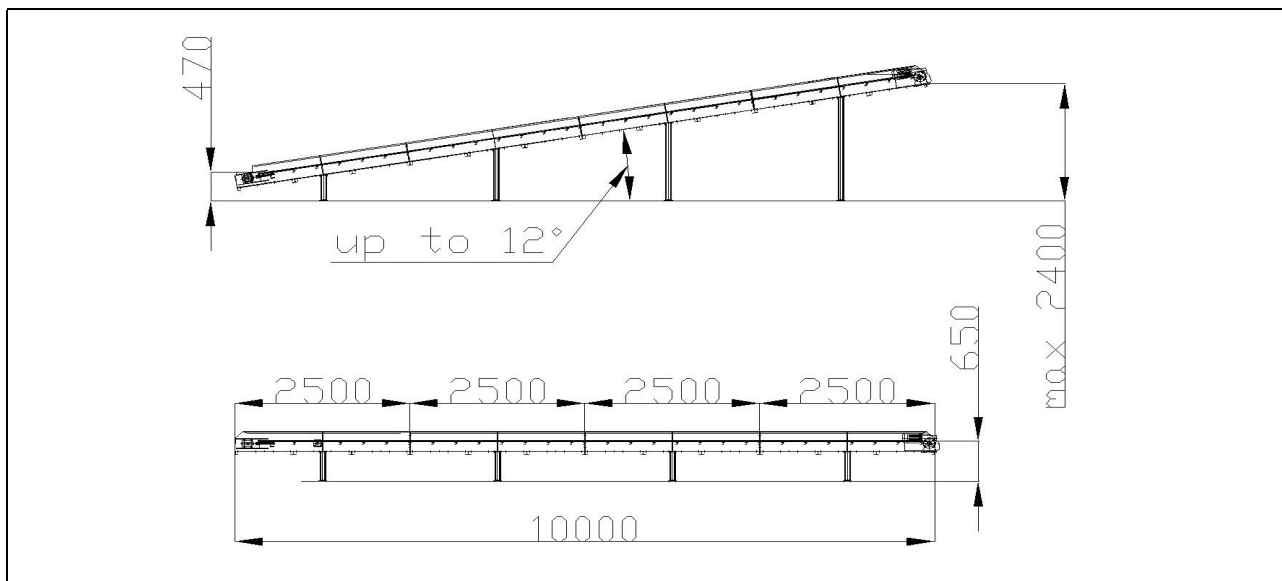
Safety level with MTX\_H or RBS

PLr: c (EN/ISO 13849-1)

**EXTRA equipment:**

- Weighing load cells 2 per section, min 4, max 8 incl. machine feet.
- Special fit legs with reduction of load cell and machine feet height.
- Junction box to connect load cells.
- Signal amplifier 24 Volt

**Designs:**



## Recommended spare parts list:

Machine	Spare parts	Item number	Normal wear	Accidental	Warranty part	Cormall/ Supplier stock	Lead time	Units
BT 170 Feed table	Conveyer slat	3033.253		x		X	D	2
	Kohlsvar chain	3520.037		x		X	D	8-10

Analyzed risk following EN-ISO 13849-1:	S	F	P	PLr
<b>1. Mounting:</b> The machine is provided lifting positions that ensures balance when lifting and strong enough to hold machine load. Work place assessment should be made, before start with mounting.	S2	F1	P1	c
<b>2. Operating:</b> If a person sticks he's hand into the machine where the chain slat is going under the table, then he's fingers can get squeezed while the slat is passing, after passing he can pull he's fingers again. On both sides of the machine is placed a emergency wire to be pulled in case of incident.	S1	F1	P1	a
<b>3. Servicing:</b> All lubrication positions are from safe position, tightening of chain is from safe position.	S1	F1	P1	a
<b>4. Renovation:</b> When changing slats or chain, no accidental start of machine should be possible, the machine must be turned off on the main switch and locked.	S2	F1	P1	c
<b>5. Scrapping/recycling:</b> same comment as under 1. Mounting	S2	F1	P1	c