



# TRANSPORT CONVEYOR

## BULK TRANSPORT MACHINE



Transport Conveyor

**CAPACITY:**  
20-160 TON/M<sup>3</sup> PER HOUR  
**MAX. ANGLE CONVEYOR**  
27°

The transport conveyor transports powder and granular materials.

The material is discharged into the hopper of the conveyor. This intake hopper has rubber-closing plates to reduce material loss. When worn out, these plates can easily be removed. The Conveyor is built up of chopped Stainless steel U-profiles. The frame exists of sections that are bolted together. Cross bracings strengthen the frame. The halve moon PVC belt has small anti return roll bridges and is oil and chemical resistant. The conveyor belt rolls on Stainless steel rollers and it stays in place due to nails. The Tri-Rollers at the upper part of the conveyor frame consists of 3 sections; 1 middle roller and 2 side rollers, this gives the belt a V-shape. The rollers are bolted to the conveyor frame. A drive roller with antiskid rubber covered rollers drives the conveyor belt. This ensures that the

conveyor belt is always centred. A motor with V-Belts transmission drives the drive roller. The return roller is mounted on two bearings, one on each side and is adjustable with a stretcher at two sides. This makes it possible to regulate the tension of the conveyor belt. A Stainless steel chute at the end of the conveyor discharges material downwards. The transport conveyor has a capacity of 160 ton/m<sup>3</sup> per hour. This product can be adjusted to customer demands.



Manufacturer of Fertilizer

**EUROPEAN**



Blending and Bagging machines

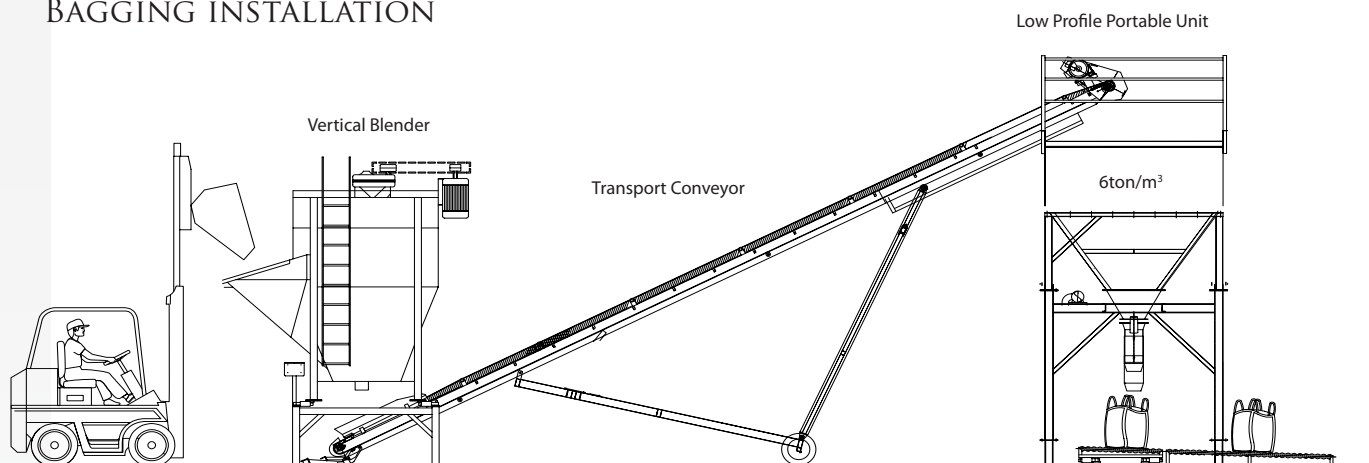
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**EXAMPLE  
VERTICAL & LOW PROFILE PORTABLE  
BAGGING INSTALLATION**



**TOP VIEW TRANSPORT CONVEYOR**

Transport Conveyor	
Filling height	350mm
Total length	2000- 30000mm
Total width frame	750mm
Total width conveyor belt	600mm
Maximum discharge height	Depends of Length 27° maximum
Hopper	Stainless steel 304
Conveyor frame	3 mm Stainless steel
U-form frame	210mm high
Bolts and nuts	Stainless steel
Belt	PVC 600mm wide
Resistance belt	Chemical resistant
Belt type	PVC 120 crescent top
Motor capacity	4- 15 kW
Motor speed	1400 rpm
Belt speed	3,2 meter in a second
Practical capacity per hour	20-160 ton
Practical capacity per minute	3 ton per minute
Maximum angle conveyor	27° maximum
Tension	By screw spanner
Electrical cables	Flexible/neoprene
Colour coating mild steel	RAL 6029, green
Norms	CE no. 89/392 EEC
Conveyor frame	Open, very easy to clean
Construction frame	U form
Drive system	Normal B3 motor with V-belts
Test	Complete test procedure at E.M.T. factory
Safety protection	V-Belts are covered with a Stainless steel cover
Drive roller construction + idler	Mild steel rubber lagged
Diameter drive + idler roller	165mm
Discharge chute	Stainless steel
Rollers	PVC
Roller shaft	Stainless steel
Roller support	Stainless steel
Norms	Conform European Norms CE no. 89/392 EEG, Machine directive changed by no. 91/368 EE

