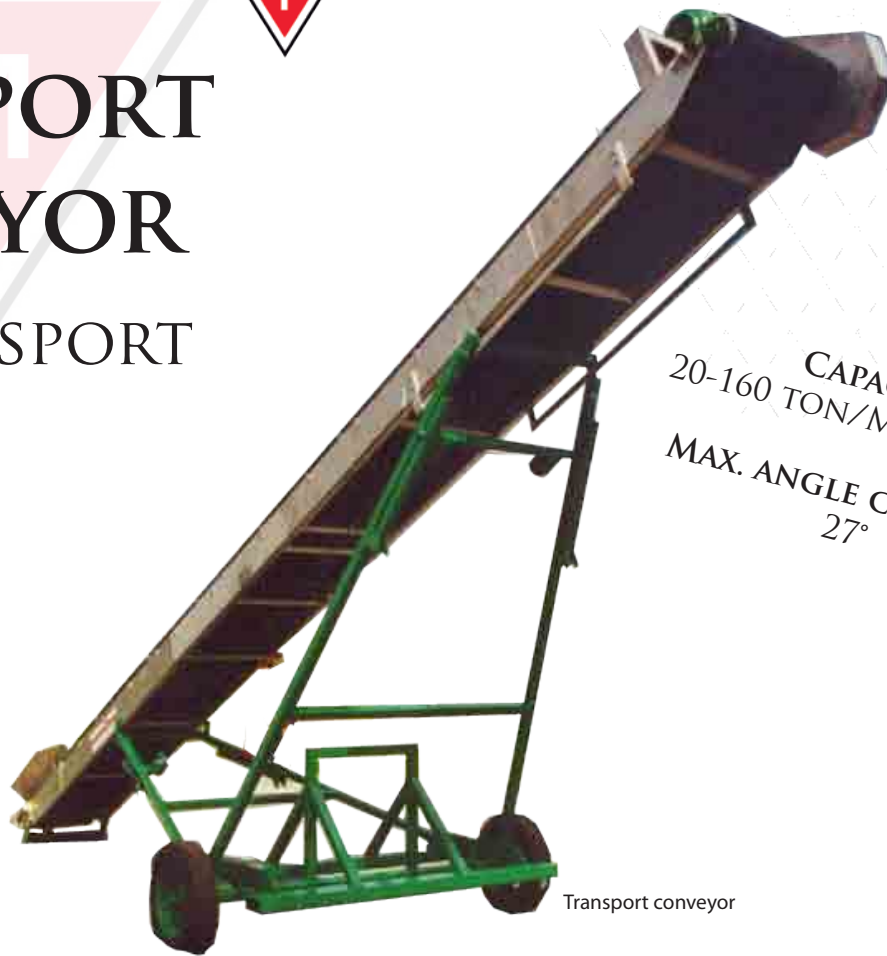




# TRANSPORT CONVEYOR

## BULK TRANSPORT MACHINE



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

Transport conveyor

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.

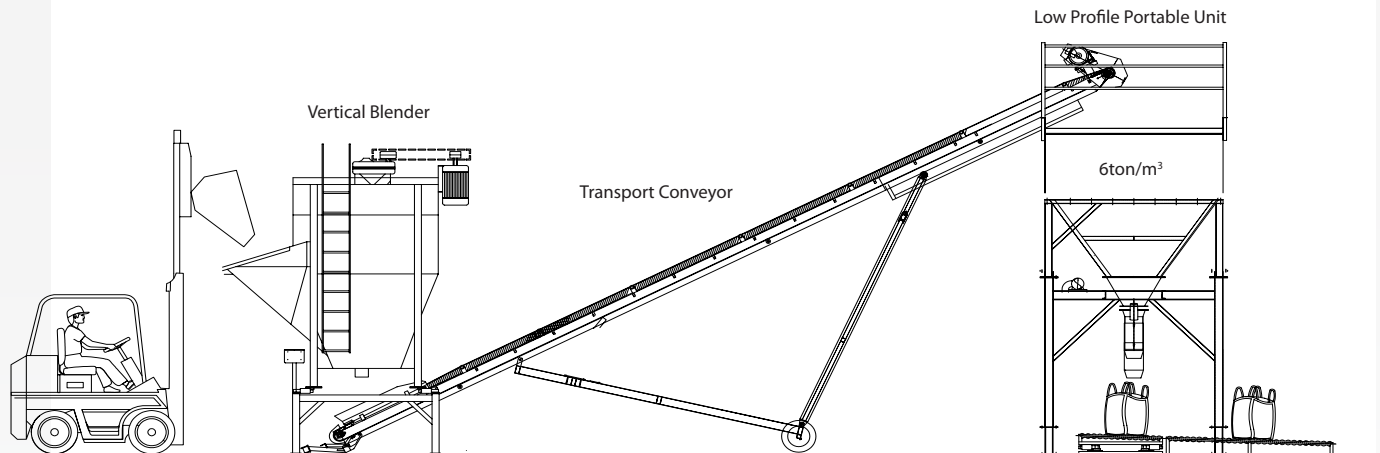




Molenpad 10  
1756 EE 't Zand N.H.  
The Netherlands

Tel.: +31 (0)224 591213  
www.emt.tech  
email: emt@emt.tech

EXAMPLE  
VERTICAL & LOW PROFILE PORTABLE  
BAGGING INSTALLATION



TOP VIEW TRANSPORT CONVEYOR

Transport conveyor	
Filling height	350 mm
Total length	2000- 30000 mm
Total width frame	750 mm
Total width conveyor belt	600 mm
Maximum discharge height	Depends of length 27° maximum
Hopper	Stainless steel 304
Conveyor frame	3 mm stainless steel
U-form frame	210 mm high
Bolts and nuts	Stainless steel
Belt	PVC 600 mm 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. 2006 / 42 / EG
Conveyor frame	Open, very easy to clean
Construction frame	U form
Drive system	Normal B3 motor with V-belts
Test	Complete test procedure at EMT factory
Safety protection	V-Belts are covered with a Stainless steel cover
Drive roller construction + idler	Mild steel rubber lagged
Diameter drive + idler roller	178 mm
Discharge chute	Stainless steel
Tri-Rollers	Stainless steel
Tri-Roller shaft	Stainless steel
Tri-Roller support	Stainless steel
Norms	Conform European Norms CE no. 89/392 EEG, Machine directive changed by no. 91/368 EE

