



**YOUR SPECIALIST  
FOR SPECIALISED MACHINES  
MSB GmbH & Co.KG**



**Press and Conveyor Belts Type PTB 1000 , PTB 1400 and PTB 1650**

**MSB GMBH & CO.KG**





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### **Short Description of the Press and Conveyor Belts**

#### **Type PTB 1000 , PTB 1400 and PTB 1650**

With our press and conveyor belts PTB 1000 , PTB 1400 and PTB 1650 displays, hollow and solid placards and sales racks for example, can be made from cardboard, carton, corrugated board, paper and plastic parts glued together with each other using the pressing process.

The thicknesses of the material as well as the forms of the parts to be glued can be different.

Because of the synchronous drive of the upper and lower belt, the design permits lamination of several parts without displacing the individual blanks.

The conversion and/or the set-up work for different material thicknesses can be carried out quickly and simply using hand wheels and permanently attached measuring tapes. Resetting work is not necessary when the format is changed.

The press and conveyor belt requires little maintenance, is easy to operate and can achieve very high service lifetimes (the first machine has been in Operation since 1965 in multiple shift operation) because of its design (dust tight ball and pendulum bearings, etc.).

Technical details are to be taken from the enclosed data sheet.

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**Technical data**

<b>Type</b>	<b>PTB 1000</b>	<b>PTB 1400</b>	<b>PTB 1650</b>
<b>Overall dimensions</b>			
Length approx.:	3000 mm	3800 mm	4000 mm
Width approx.:	1460 mm	1880 mm	2400 mm
Height approx.:	1250 mm	1250 mm	1250 mm
Weight approx.:	3200 kg	4800 kg	6000 kg
<b>Drive motor:</b>	Braking motor with control drive		
Power:	3.5 kW	3.5 kW	up to 5 kW
Connection:	380 V	380 V	380 V
Control range (with hand wheel):	6-20 <sup>m</sup> / <sub>min.</sub>	6-20 <sup>m</sup> / <sub>min.</sub>	6-20 <sup>m</sup> / <sub>min.</sub>
Working width max.:	1020 mm	1440 mm	1650 mm
Working height on the belt inlet (adjustable with hand wheels):	750-900 mm	750-900 mm	750-900 mm
Belt discharge:	900 mm	900 mm	900 mm
Belt inlet with pre-pressing and separate height adjustment:	300 mm	370 mm	370 mm
Press length:	2500 mm	3050 mm	up to 3250 mm
Height adjustment of the press section:	0-100 mm	0-100 mm	0-150 mm
Number of rollers in the upper belt: thereof with power adjustment of the hand wheels:	32 + 4 21	41 + 5 29	41 + 5 29
Number of rollers in the lower belt:	37	48	up to 50 pcs.
Roller swing displacement (during the pressing Operation):	max. 15 mm	max. 15 mm	max. 15 mm