



CMC TEXPAN
Machinery and Technology

BELT SCALES

**Accurate weight control for optimized
metering of components**





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Belt scales are fed with dry material coming from storage bins.

Their structure is very compact: they basically consist of a case (unlike dosing bins, here there are no combs or other equalizing devices inside the case), with a conveying belt running underneath and a load cell scale integrated in the belt.

Their function is to check the weight of the mat transported by the belt conveyor and passing onto the weighing system section.

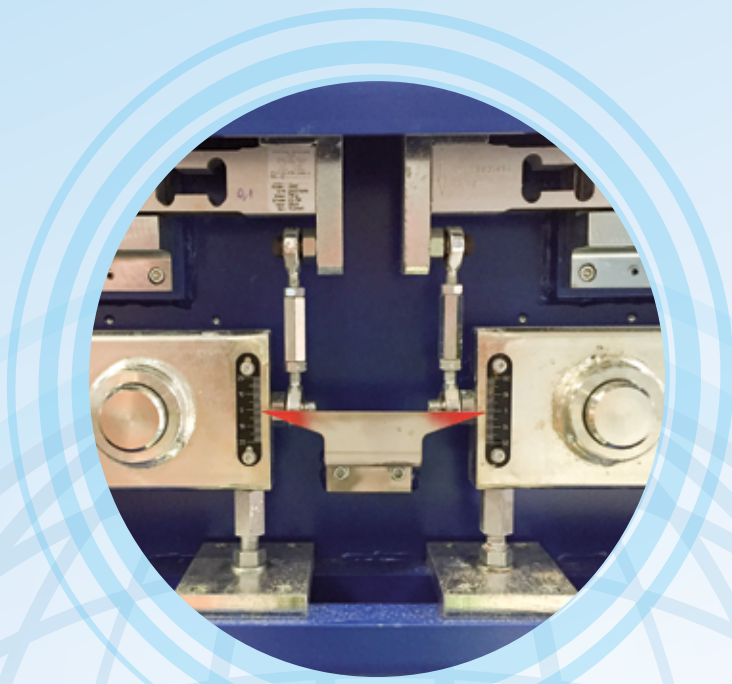
The measured weight is converted into a signal and sent to the PLC that controls particle and glue metering.

In this way it is possible to adjust the material flow according to the pre-set operating mode, to the material quantity required for the different board thickness formats and to the production running at that moment.

Advantages:

- in-line weighing to enable continuous adjustment of production features;
- optimization of chemical metering;
- layout adaptable to different installation scenarios.





BELT SCALES TYPE	Width [mm]	Useful width [mm]	Length [mm]	Mat thickness [mm]	Capacity		Weight approx. [kg]	Installed power [kW]
					up to [m ³ /h]	[t/h]		
BN 1,0-4,5	2.000	1.000	6.000	100÷400	410	(***)	3.100	1,1
BN 1,0-6,0	2.000	1.000	7.500	100÷400	410	(***)	3.300	1,1
BN 1,5-4,5	2.500	1.500	6.000	100÷400	620	(***)	3.700	1,1
BN 1,5-5,0	2.500	1.500	6.500	100÷400	620	(***)	3.900	1,1
BN 1,5-6,0	2.500	1.500	7.500	100÷400	620	(***)	4.100	1,5
BN 1,8-5,0	2.900	1.800	6.500	100÷400	740	(***)	4.650	1,5
BN 1,8-6,0	2.900	1.800	7.500	100÷400	740	(***)	4.800	1,5
BN 1,8-10,5	2.900	1.800	12.000	100÷400	740	(***)	5.250	2,7
BN 2,0-6,0	3.200	2.000	7.500	100÷400	820	(***)	4.300	2,7

(***) = According to width type of material and bulk density.

Above data are non-binding and they are provided for information purposes only.



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