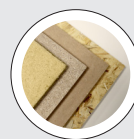


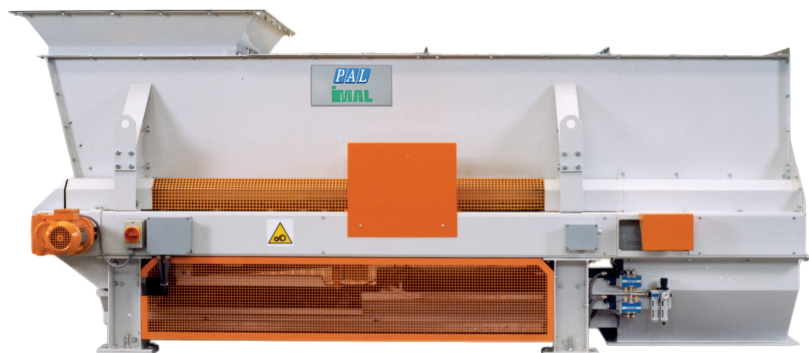
## BELT SCALE

**BS**

HIGH PRECISION SCALES

**BEST IN CLASS FOR:**

WOOD BASED PANELS:  
OSB/LSB/FOSB



BS belt scales are specifically designed to weigh and meter light and dusty materials. These belt scales: • imply no tare influence • offer high precision.

**MAIN FEATURES**

- Sturdy construction that prevents vibrations
- Weighing bridge (unbeatable high precision system) that optimizes the ratio between effective weight (material) and tare (belt)
- High performance weighing belt featuring special zig-zag joint
- Large diameter drive drums that minimize belt tension
- Roller-base to minimize belt friction
- Integrated self-tensioning/self-centering weighing belt system
- High-tech load cell amplifier or microprocessor.

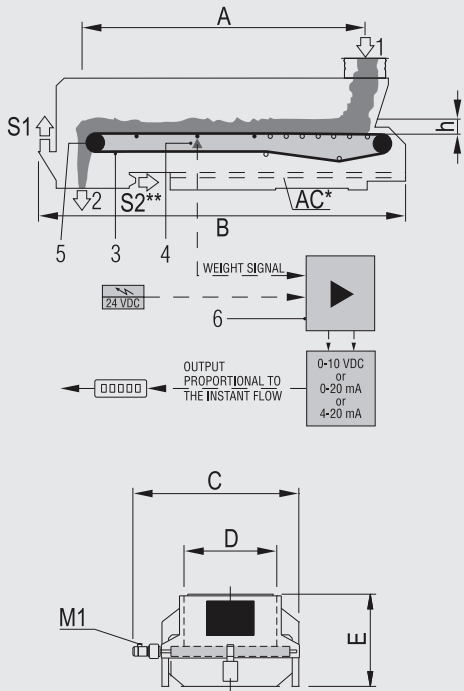
**EXCELLENT RESULTS**

- Extremely versatile and suitable for different materials including wet or dry chips, particles, dust, etc.
- No tare influence
- Self-cleaning system for dusty materials, on request
- High precision.

**TECNICAL DATA**

- Precision: better than  $\pm 0,5\%$  related to full scale value
- Employment range: 20-100% of full scale value
- Full scale value: freely settable
- Testing: by calibrated chain.

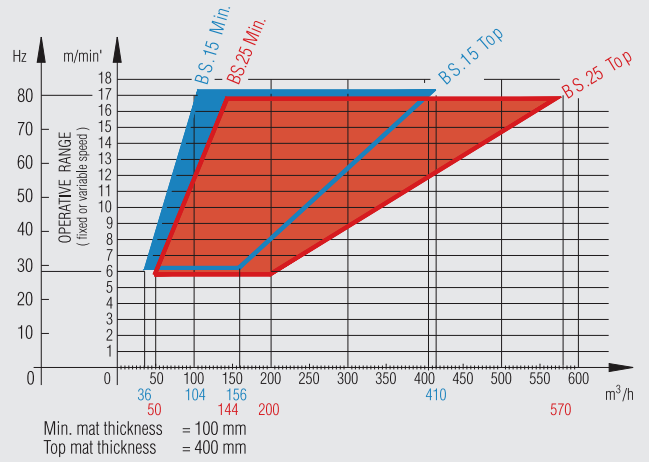
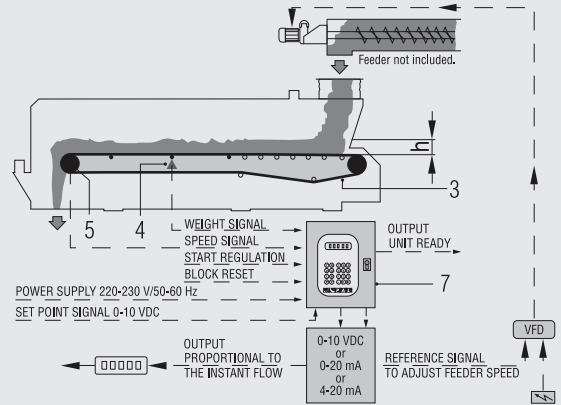
FLOW DETECTOR SYSTEM



- 1 = FEEDING
- 2 = DISCHARGE
- 3 = WEIGHING BELT
- 4 = LOAD CELL
- 5 = ENCODER
- 6 = LOAD CELL AMPLIFIER
- 7 = MICROPROCESSOR
- M1 = DOSING BELT DRIVE
- S1 = SUCTION

S2\*\* = not needed with option AC (Autocleaning System)  
 AC\* = autocleaning system based on pneumatic moving floor (OPTION)

FLOW REGULATOR SYSTEM



MODEL	OVERALL DIMENSIONS mm					INSTALLED POWER kW	
	A	B	C	D	E	MAT THICKNESS h	M1*
BS.15/2580	2580	3750	2140	1000	1410	Min. = 100 Top = 400	0,55
BS.15/3500	3500	4950	2140	1000	1410		0,55
BS.15/6000	6000	7170	2140	1000	1410		0,55
BS.25/2580	2580	3750	2540	1400	1410		0,75
BS.25/3500	3500	4950	2540	1400	1410		0,75
BS.25/6000	6000	7170	2540	1400	1410		0,75

\*Standard supply: fixed speed  
 Option: variable speed with inverter

MODEL	BULK MATERIAL		AC COMPRESSED AIR Nm³/h	SUCTION				APPROX. WEIGHT kg		
				WET MATERIAL THROUGHPUT m³/h		AIR SPEED m/s	SUCTION PRESSURE Pa			
	m³/h TOP	t/h		S1	S2**				S1	S2**
BS.15/2580	410	According to bulk density	0,02	800	1150	710	1020	29	200	1360
BS.15/3500	410			800	1150	710	1020	29	200	1560
BS.15/6000	410			800	1150	710	1020	29	200	2220
BS.25/2580	570			800	1150	710	1020	29	200	1840
BS.25/3500	570			800	1150	710	1020	29	200	1850
BS.25/6000	570			800	1150	710	1020	29	200	2580

\*\*Not needed with option AC (Autocleaning System)