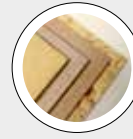


BELT SCALE

BS

HIGH PRECISION SCALES

BEST IN CLASS FOR:

WOOD BASED PANELS:
OSB/LSB/FOSB



BS belt scales have been 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.

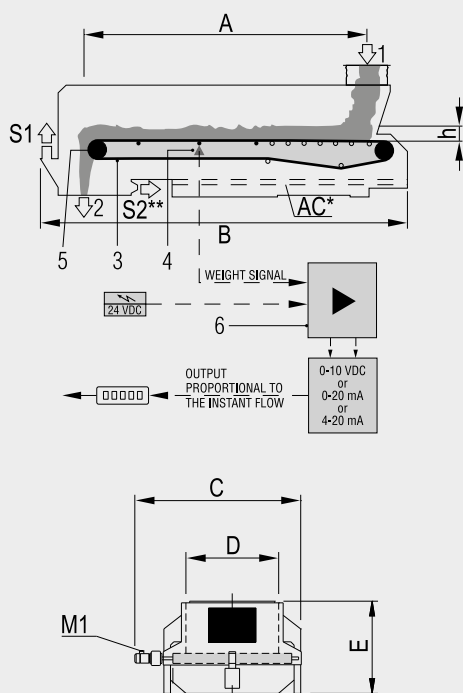
EXCELLENT RESULTS

• 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.

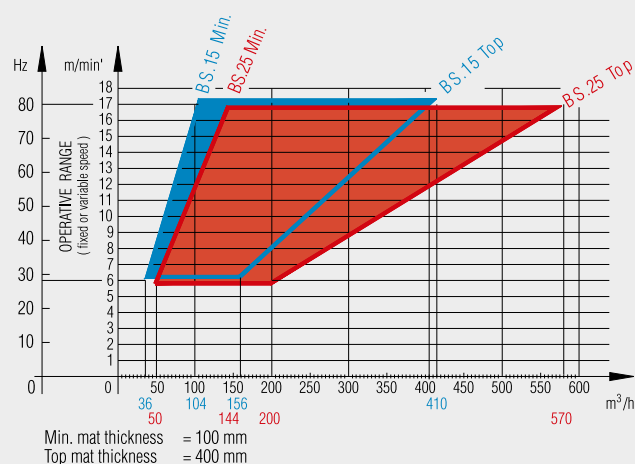
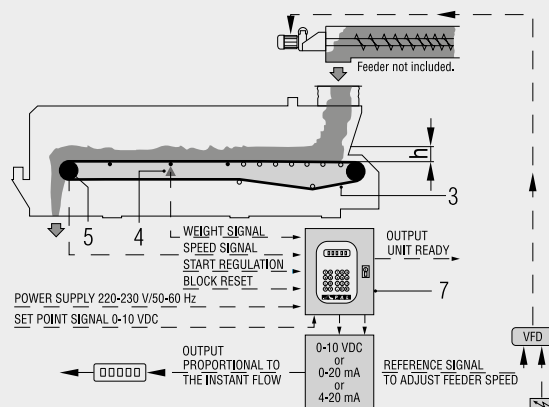
FLOW DETECTOR SYSTEM



- 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		DRY 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)