



• OSB



BELT SCALE

BS

HIGH PRECISION SCALES

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.

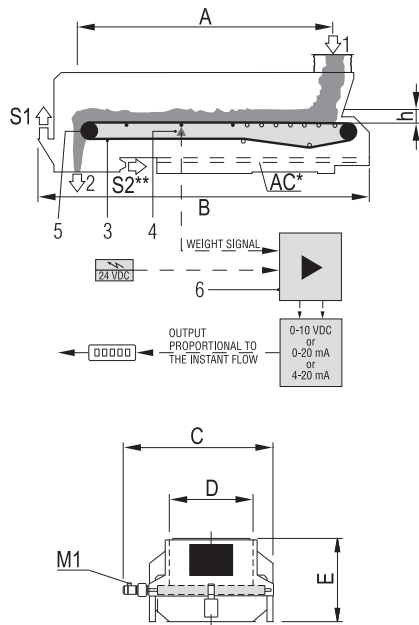
EXCELLENT RESULTS

- 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.

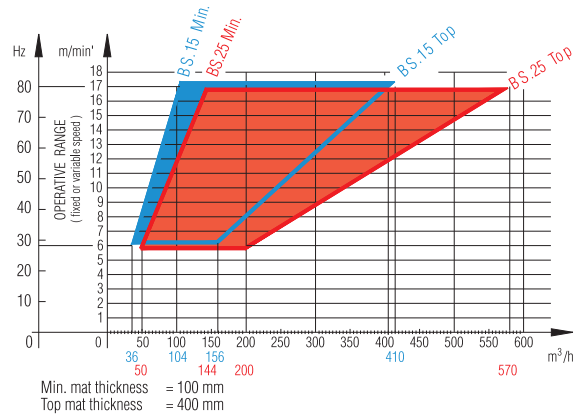
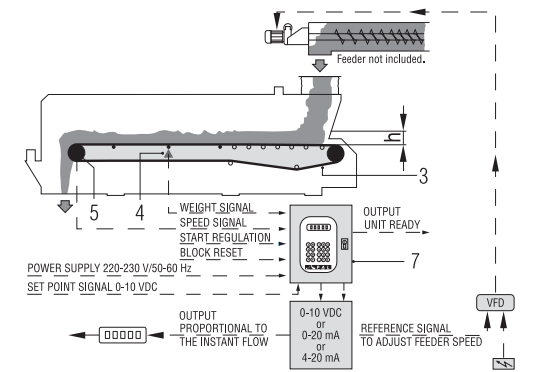
FLOW DETECTOR SYSTEM



- 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					MAT THICKNESS h	INSTALLED POWER kW
	A	B	C	D	E		
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)