

BELT SCALES

BS

FOR CHIPS, SAWDUST, SHAVINGS, FIBER, WET PARTICLE



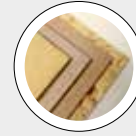
The machine is designed for the continual weighing of particles. It is especially suited to the weighing of very light and dusty products, in order to avoid the influence of the input material, avoid the accumulation of tare and obtain high precision.

TECHNICAL FEATURES

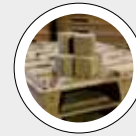
• Weighing-dosing of chips, sawdust, shavings, wet & dry particles • Belt conveyor provided of weighing bridge and precision load cell • Weighing belt automatic tensioning system • Self-centering system for the weighing belt • Drive system • Encoder to detect the actual speed of the weighing belt • Calibration chain • Microprocessor including all functions for electronic calibration.

BENEFITS

• Very high weighing accuracy, higher than $\pm 0,5\%$ related to full scale value • Employment range from 20 to 100% of full scale value • Full scale value, freely settable • Easy testing by calibrating chain • High efficiency and reliability • Very low maintenance.

BEST IN CLASS FOR:

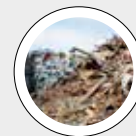
WOOD BASED PANELS:
MDF/HDF
PB/SPB
OSB/LSB/FOSB
INSULATION BOARDS



PRESSED WOOD PACKAGING:
PALLET BLOCKS

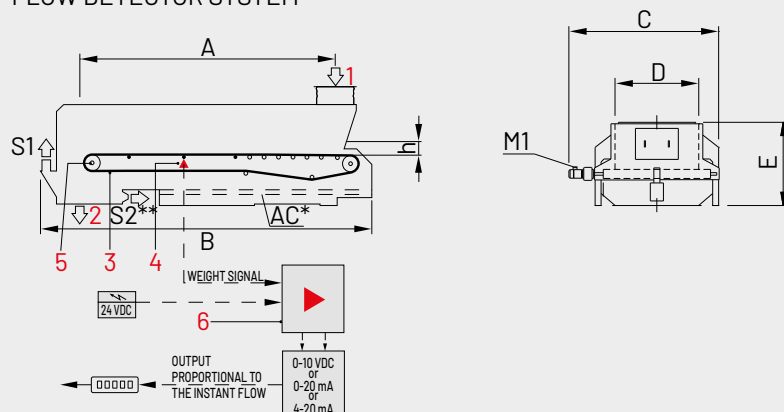


PELLETS & ENERGY:
WOOD PELLETS AND
BLACK PELLETS
THERMAL AND
ELECTRIC ENERGY

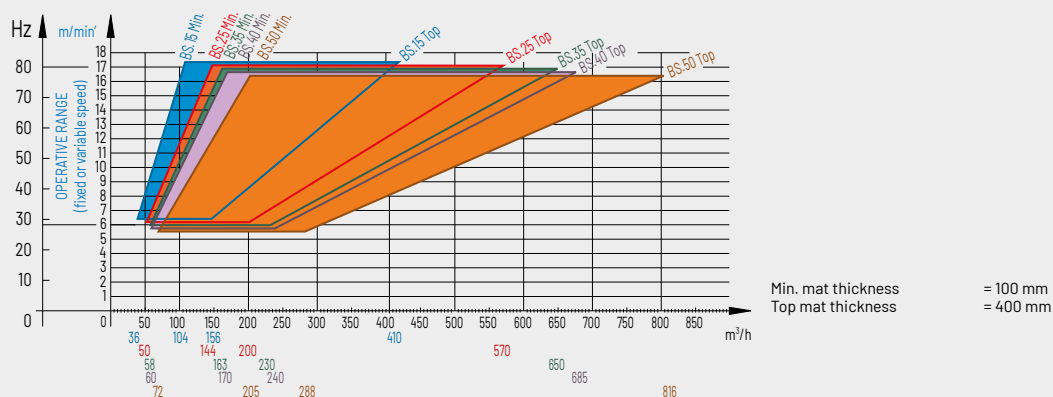
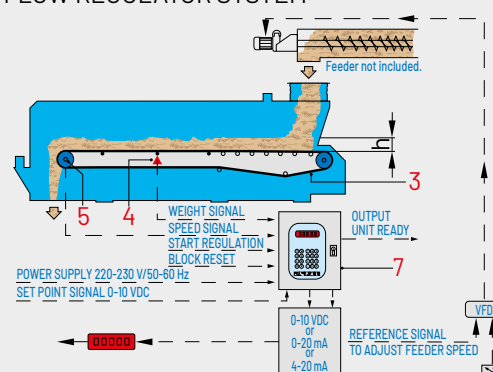


WOOD RECYCLING AND
WASTE TREATMENT:
CUSTOMIZED SOLUTIONS
FOR RECYCLING

FLOW DETECTOR SYSTEM



FLOW REGULATOR 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)

MODEL	OVERALL DIMENSIONS mm					INSTALLED POWER kW	
	A	B	C	D	E	MAT THICKNESS h	M1*
BS.15/2500-10000	2500-10000	3750-11170	2140	1000	1410	Min. = 100 Top = 400	0,55
BS.25/2500-10000	2500-10000	3750-11170	2540	1400	1410		0,75
BS.35/2500-10000	2500-10000	3750-11170	2740	1600	1410		0,75
BS.40/2500-10000	2500-10000	3750-11170	2820	1680	1410		1,10
BS.50/2500-10000	2500-10000	3750-11170	3140	2000	1410		1,10

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

MODEL	CAPACITY BULK MATERIAL		AC COMPRESSED AIR Nm³/h	SUCTION					
				THROUGHPUT WET MATERIAL m³/h		THROUGHPUT DRY MATERIAL m³/h		AIR SPEED m/s	SUCTION PRESSURE Pa
	m³/h TOP	t/h		S1	S2**	S1	S2**		
BS.15/2500-10000	410	According to bulk density	0,02	800	1780	710	1600	29	200
BS.25/2500-10000	570			800	1780	710	1600	29	200
BS.35/2500-10000	650			2x800	2x1780	2x710	2x1600	29	200
BS.40/2500-10000	685			2x800	2x1780	2x710	2x1600	29	200
BS.50/2500-10000	815			2x800	2x1780	2x710	2x1600	29	200

**Not needed with option AC (Autocleaning System)