

WEIGHING AND METERING BIN

BCD

HIGH PRECISION METERING AND WEIGHING SYSTEMS

**BEST IN CLASS FOR:**WOOD BASED PANELS:
PB/SPB

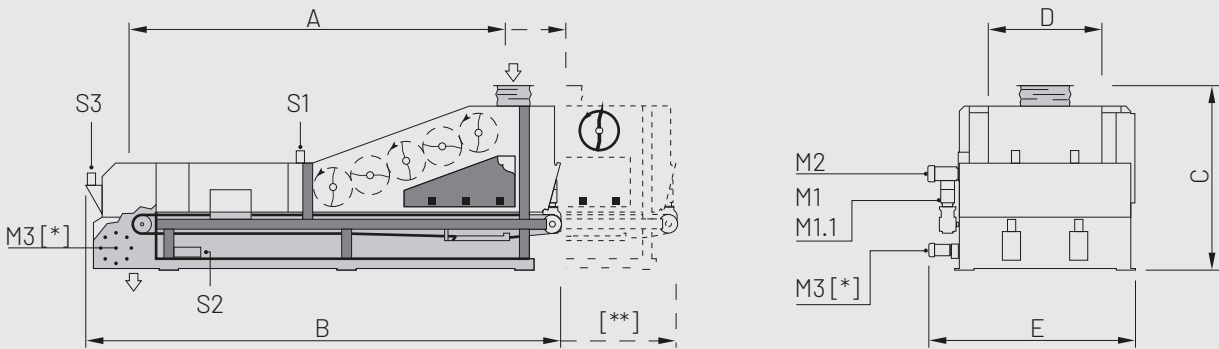
The BCD metering bins have been specifically designed to meter low to medium flows of light and dusty material, enabling a perfect flow adjustment even in cases of irregular material feed.

MAIN FEATURES

- Sturdy, vibration free construction
- Comb roll bin feeding system to form an even mat
- Weighing bridge (unbeatable high precision system) to optimise the ratio between the actual weight (material) and the tare (belt)
- Encoder to measure weigh belt speed
- Anti-static, high performance, zig-zag jointed weigh belt
- Large diameter drive drum to minimize belt tension
- Incorporated self-tensioning/self-centering weigh belt system
- High tech microprocessor for flow rate control
- Filling level signal
- Sprinkler nozzles for fire-extinguishing system.

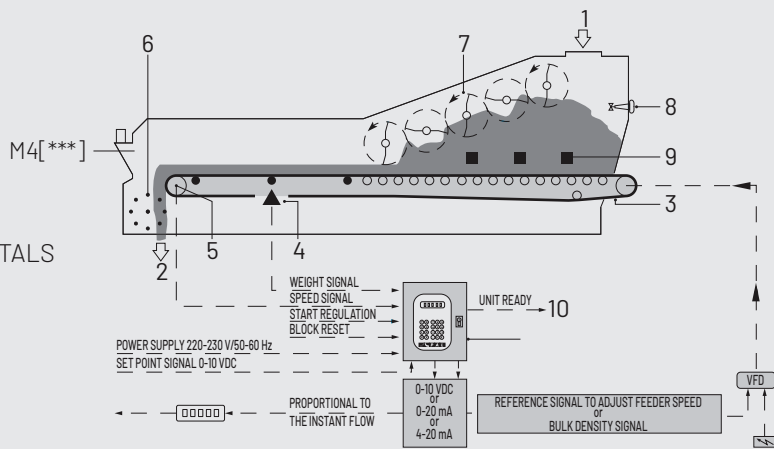
ADVANTAGES

- Extremely versatile and suitable for various materials
- Including wet or dry chips, particles, dust, etc.
- Weighing system not affected by tare
- Extremely simple to calibrate
- Ferrous metal removal system on request
- High precision and repeatability
- Simple and easy to maintain.



[*] Option
 [**] BCD 21/30
 [***] For HP gluing system

- 1 = FEEDING
- 2 = DISCHARGE
- 3 = WEIGHING BELT
- 4 = LOAD CELL
- 5 = ENCODER
- 6 = NEODYMIUM (OPTION) UNIT TO REMOVE FERROUS METALS
- 7 = LEVELLING COMBS
- 8 = EMERGENCY LEVEL
- 9 = OPERATING LEVELS
- 10 = MICROPROCESSOR
- M1 = DOSING BELT DRIVE
- M1.1 = FAN FOR COOLING
- M2 = LEVELLING COMBS DRIVE
- M3 = NEODYMIUM STAND DRIVE
- M4 = FLUIDIZER MILL DRIVE
- S1-S2-S3 = SUCTION



MODEL	OVERALL DIMENSIONS mm					INSTALLED POWER kW				
	A	B	C	D	E	M1	M1.1	M2	M3*	M4 - FLM***
BCD 4	3240	4270	1810	750	1745	0,37 ÷ 1,1	0,078	1,5	2,2	-
BCD 12	4688	5800	2250	900	2125	0,37 ÷ 1,5	0,078	2,2	2,2	2,2
BCD 21	5344	8022	2400	1300	2600	0,37 ÷ 1,5	0,078	4,0	2,2	3,0
BCD 30	5785	8886	2600	1500	2800	0,37 ÷ 2,2	0,078	7,5	2,2	3,0

MODEL	BULK MATERIAL		BIN VOLUME m ³	SUCTION									APPROX. WEIGHT kg
	TOP m ³ /h	RANGE kg/h in according bulk-density		WET MATERIAL THROUGHPUT m ³ /h			DRY MATERIAL THROUGHPUT m ³ /h			AIR SPEED m/s	SUCTION PRESSURE Pa		
				S1	S2	S3	S1	S2	S3				
BCD 4	40	500/3500	0,9	2 x 800	1 x 1150	2 x 800	2 x 710	1 x 1020	2 x 710	29	200	1960	
BCD 12	120	600/12000	1,7	2 x 800	1 x 1150	2 x 800	2 x 710	1 x 1020	2 x 710	29	200	3260	
BCD 21	210	1000/21000	4,2	2 x 800	1 x 1150	2 x 800	2 x 710	1 x 1020	2 x 710	29	200	6000	
BCD 30	300	5000/30000	6,0	2 x 800	2 x 1150	2 x 800	2 x 710	2 x 1020	2 x 710	29	200	7000	

OPTIONS

- NEODYMIUM UNIT: Motorized roll to remove ferrous metals • U: Sprinkler nozzles for fire extinguishing system
- C: Calibrated chain for calibration and verification • P: electrical pre-wiring in a box on board the machine • ATEX: equipment meets EC directive 94/9/CE/ATEX 95 and is suitable for installation in Zone 22 (on the basis of Directive 99/92/CE ATEX 137), and that is, intended for use in potentially explosive atmospheres due to the presence of dust.