

WEIGHING AND METERING BIN

BCDS

HIGH PRECISION METERING AND WEIGHING SYSTEMS



The BCDS 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

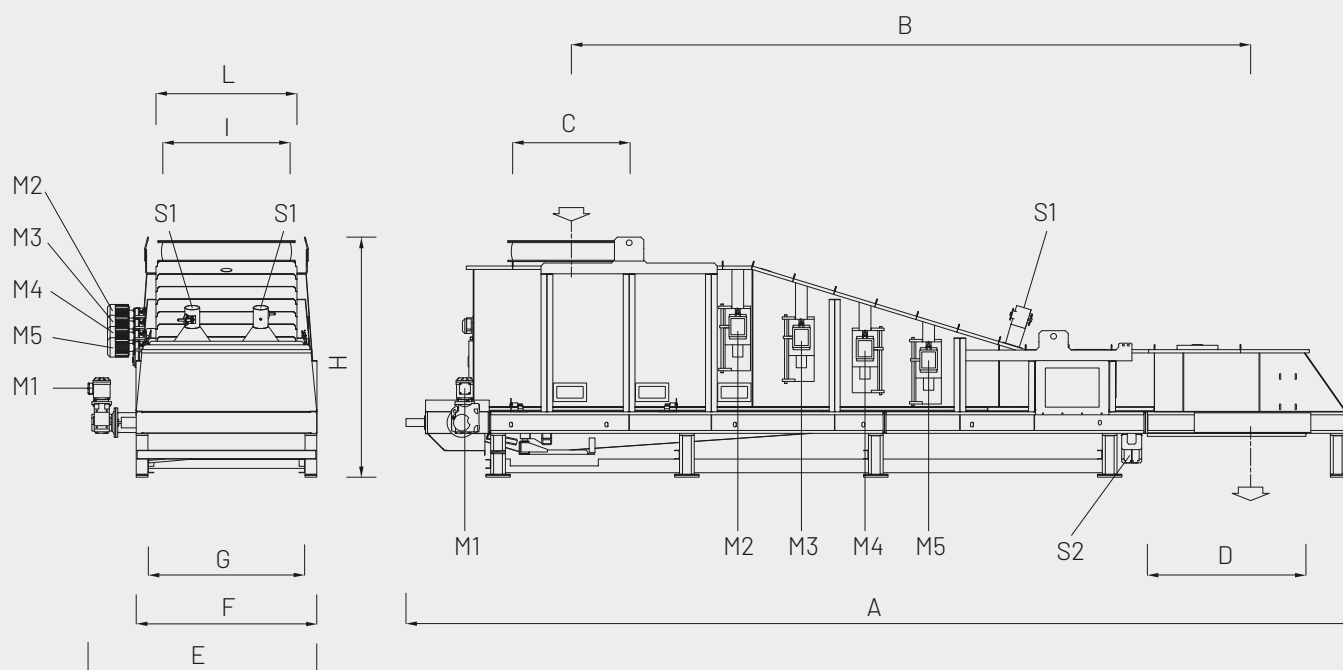
- Sturdy, vibration free construction
- Comb roll bin feeding system to form an even mat
- Weighing bridge (unbeatable high precision system) to optimise the ratio between the actual weight (material) and the tare (belt)
- Encoder to measure weigh belt speed
- Anti-static, high performance, zig-zag jointed 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.

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.

BEST IN CLASS FOR:

WOOD BASED PANELS:
OSB/LSB/FOSB



Precision: better than $\pm 0,5\%$.
Range: 20-100% of the full scale.

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.

MODEL	OVERALL DIMENSIONS mm										INSTALLED POWER kW	
	A	B	C	D	E	F	G	H	I	L	M1	M2-M5
BCDS 25-5.5	9700	6940	1200	1800	2400	1845	1600	2450	1300	1300	1.1÷1.5	4x2.2÷3.0
BCDS 40-6.0	8900	6610	850	1800	3100	2545	2300	2450	1600	2000	1.5÷2.2	4x3.0÷4.0
BCDS 40-7.5	10000	6760	2200	1800	3100	2545	2300	2450	1600	2000	1.5÷2.2	4x3.0÷4.0

MODEL	MAX THROUGHPUT kg/h	MAX BIN VOLUME m ³	TOTAL SUCTION S1-S2 m ³ /h	WEIGHT kg
BCDS 25-5.5	25000	5.5	3060	6000
BCDS 40-6.0	40000	6.0	4080	6250
BCDS 40-7.5	40000	7.5	4080	6500