

WEIGHING AND METERING BIN

BCDS

HIGH PRECISION METERING AND WEIGHING SYSTEMS

**BEST IN CLASS FOR:**WOOD BASED PANELS:
OSB/LSB/FOSB

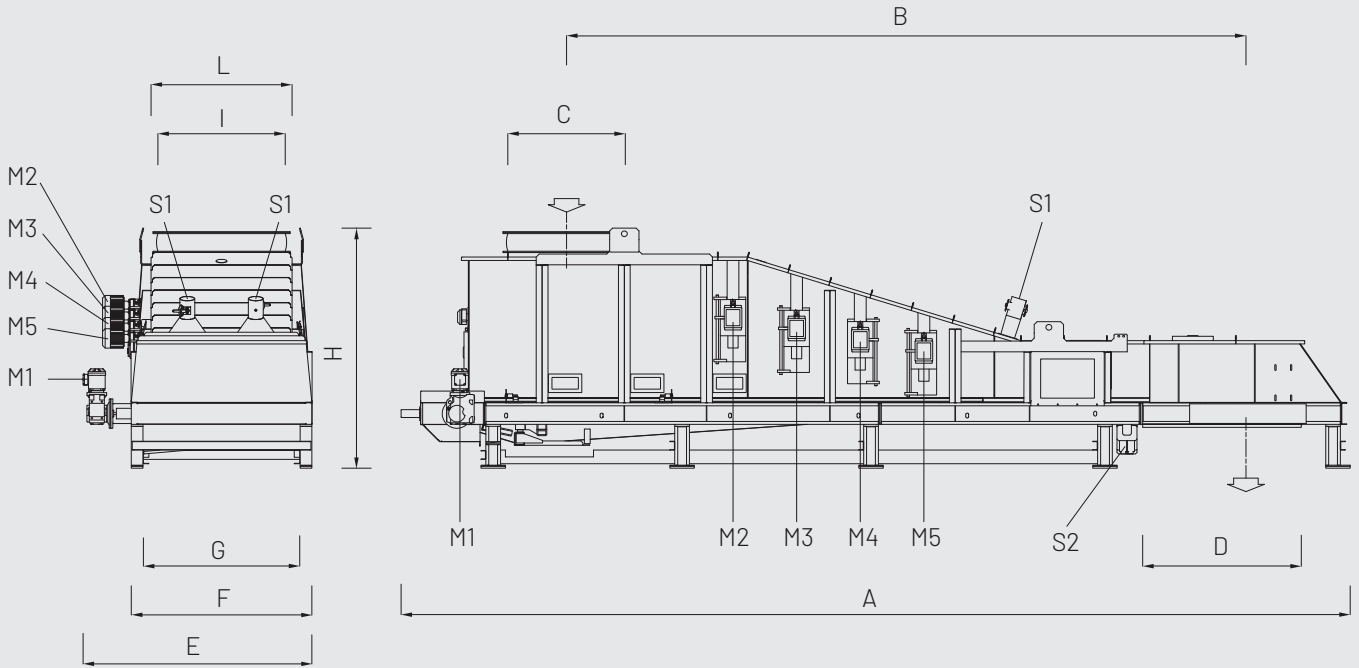
The BCDS metering bins have been specifically designed to meter low to medium flows of light and dusty material, enabling a perfect flow adjustment even in cases of irregular material feed.

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.



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