

METERING BINS

BBS

STORAGE AND METERING STRANDS

**BEST IN CLASS FOR:**

WOOD BASED PANELS:
OSB/LSB/FOSB

TECHNICAL FEATURES

• Volumetric dosing of wet and dry particles • Excellent dosing-metering solution for driers, process mills and blenders.

DOSING BIN

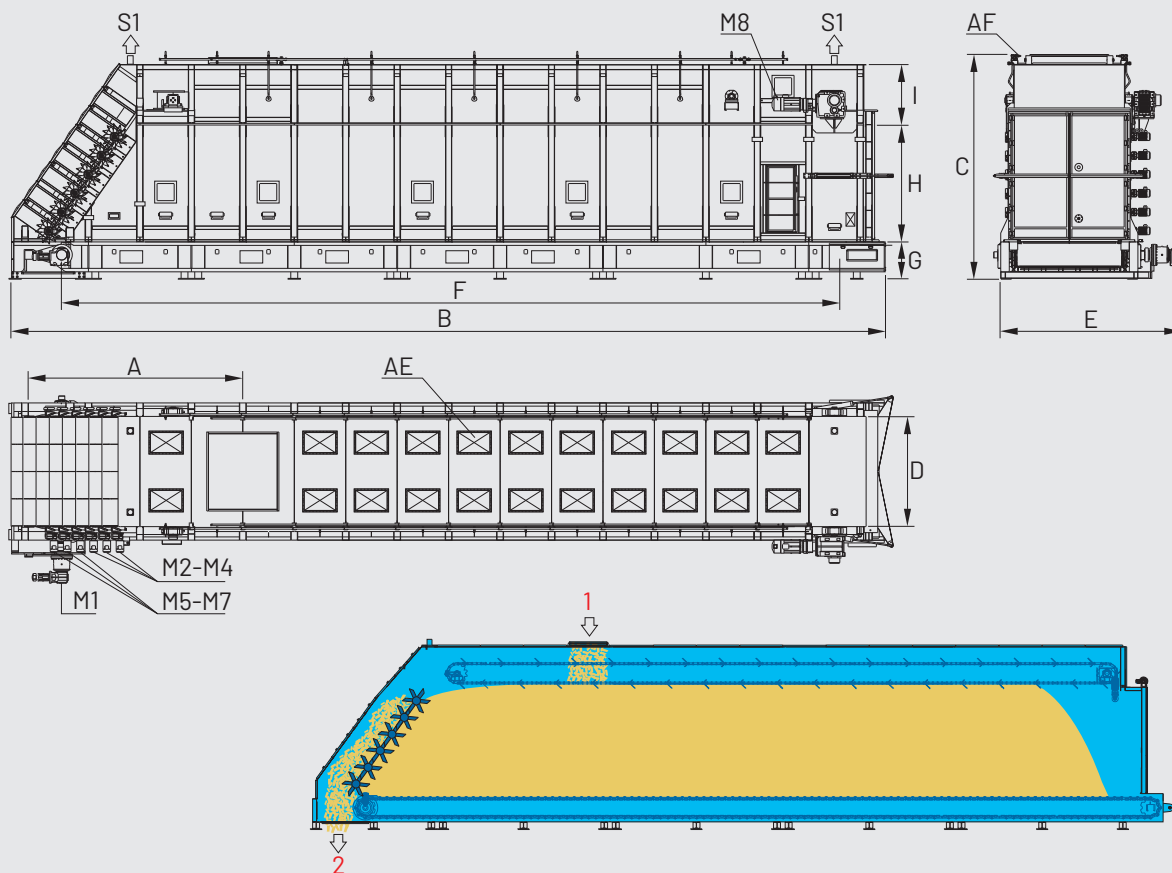
• Strong modular bin provided with: inspection windows – electronic levels for filling control – fire-extinguishing system for dry materials – explosion protection system for dry materials • Levelling chain • Dosing belt provided with: automatic tensioning system – self-centering system – cleaning brush • Front scalping-fluidizing rolls • Drive systems • Pre-wiring of all electrical fittings up to a junction box.

VOLUMETRIC ACCURACY FROM DOSING BIN

For wet/dry flakes: +/- 2,5 % relating to instant flow • Pre-condition: continuous-constant feeding of material and constant running of dosing bin • Employment range: 10-100% of nominal throughput.

BENEFITS

• Perfect mixing of particle flow from scalping rolls milling the all front section • High-stable volumetric accuracy • Very high weighing-metering accuracy • Accuracy is related to instant flow and not to the full scale value as in conventional systems • High efficiency and reliability • Very low maintenance.



1 = FEEDING
 2 = DISCHARGE
 S1 = SUCTION

M1 = BELT DRIVE MOTOR
 M2 = BELT DRIVE MOTOR
 M3 = FRONT MILLS MOTOR

M4 = COMBS CHAIN MOTOR
 M5 = OPEN/CLOSE ROLL-UP SHUTTER MOTOR

FOR DRY MATERIAL:
 AF = FIRE-EXTINGUISHING SYSTEM
 AE = EXPLOSION VENTS

MODEL	OVERALL DIMENSIONS mm								
	A	B	C	D	E Up to	F	G	H	I
BBS.3000.90-330	Min 5450	13500-37500	6460	3000	5500	11500-35500	1145	3500	1730
BBS.3500.190-610	Min 5665	19500-49500	7050	3500	6050	17500-47500	1145	4000	1730

MODEL	CAPACITY BULK MATERIAL		BIN VOLUME m ³	INSTALLED POWER kW			
	m ³ /h	t/h		M1	M2-M4	M5-M7	M8
BBS.3000.90-330	100÷940	According to bulk density	90-330	According to capacity	3 x 4	3 x 5,5	According to chain lenght
BBS.3500.190-610	200÷940		190-610		4 x 4	3 x 5,5	

MODEL	SUCTION		NET WEIGHT APPROX. kg
	THROUGHPUT WET MATERIAL m ³ /h	THROUGHPUT DRY MATERIAL m ³ /h	
	S1	S1	
BBS.3000.90-330	4x1025	4x900	62000-126000
BBS.3500.190-610	4x1025	4x900	87000-177000