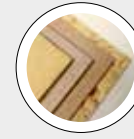


## METERING BINS

**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**

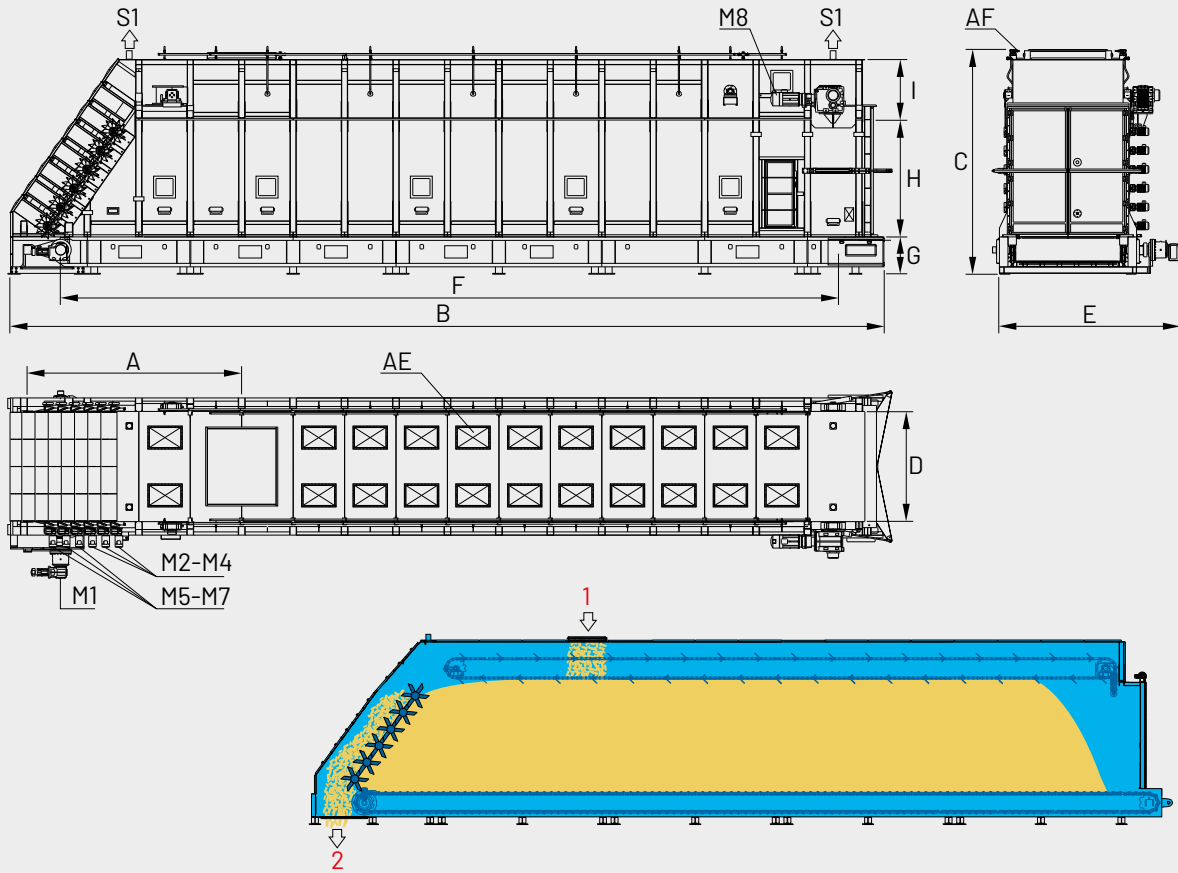
- For wet/dry flakes: +/- 2,5 % relating to instant flow • Pre-condition: continuous-constant feeding of material and constant running of dosing bin
- Employment range: 10-100% of nominal throughput.

**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.



PAL Srl - Via delle Industrie, 6/B - 31047 Ponte di Piave (TV) - Italy  
Ph.: +39 0422 852 300 - Fax: +39 0422 853 444 - info@pal.it



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 <sup>3</sup>	INSTALLED POWER kW			
	m <sup>3</sup> /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 <sup>3</sup> /h	THROUGHPUT DRY MATERIAL m <sup>3</sup> /h	
	S1	S1	
BBS.3000.90-330	4x1025	4x900	62000-126000
BBS.3500.190-610	4x1025	4x900	87000-177000