



• OSB



IMAL  
PAL  
GROUP

## METERING BINS

**BBS**

STORAGE AND METERING STRANDS

### TECHNICAL FEATURES

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

#### Dosing Bin

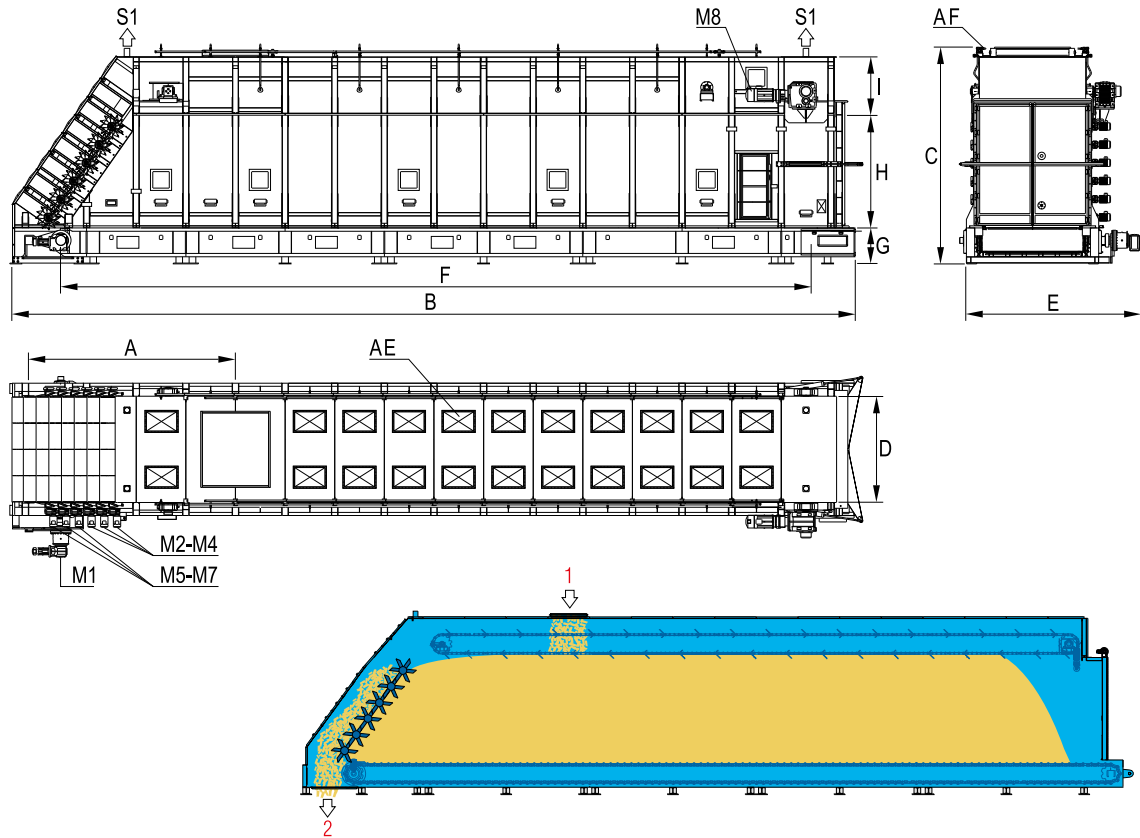
• Strong modular bin provided with: inspection windows – electronic levels for filling control – fire-extinguishing system for dry materials – explosion protection system for dry materials • Levelling chain • Dosing belt provided with: automatic tensioning system – self-centering system – cleaning brush • 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-M7 = FRONT MILLS MOTOR  
M8 = COMBS CHAIN MOTOR

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

MODEL	OVERALL DIMENSIONS mm								
	A	B	C	D	~E	F	G	H	I
<b>BBS.3000.90-330</b>	5450	13500-37500	6460	3000	5115	11500-35500	1145	3500	1730
<b>BBS.3500.190-610</b>	5665	19500-49500	7170	3500	5864	17500-47500	1145	4000	1950

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
<b>BBS.3000.90-330</b>	100+940	According to bulk density	90-330	According to capacity	3 x 4	3 x 5,5	According to chain lenght
<b>BBS.3500.190-610</b>	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	
<b>BBS.3000.90-330</b>	4 x 1025	4 x 900	62000-126000
<b>BBS.3500.190-610</b>	4 x 1025	4 x 900	87000-177000