



• OSB



## 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

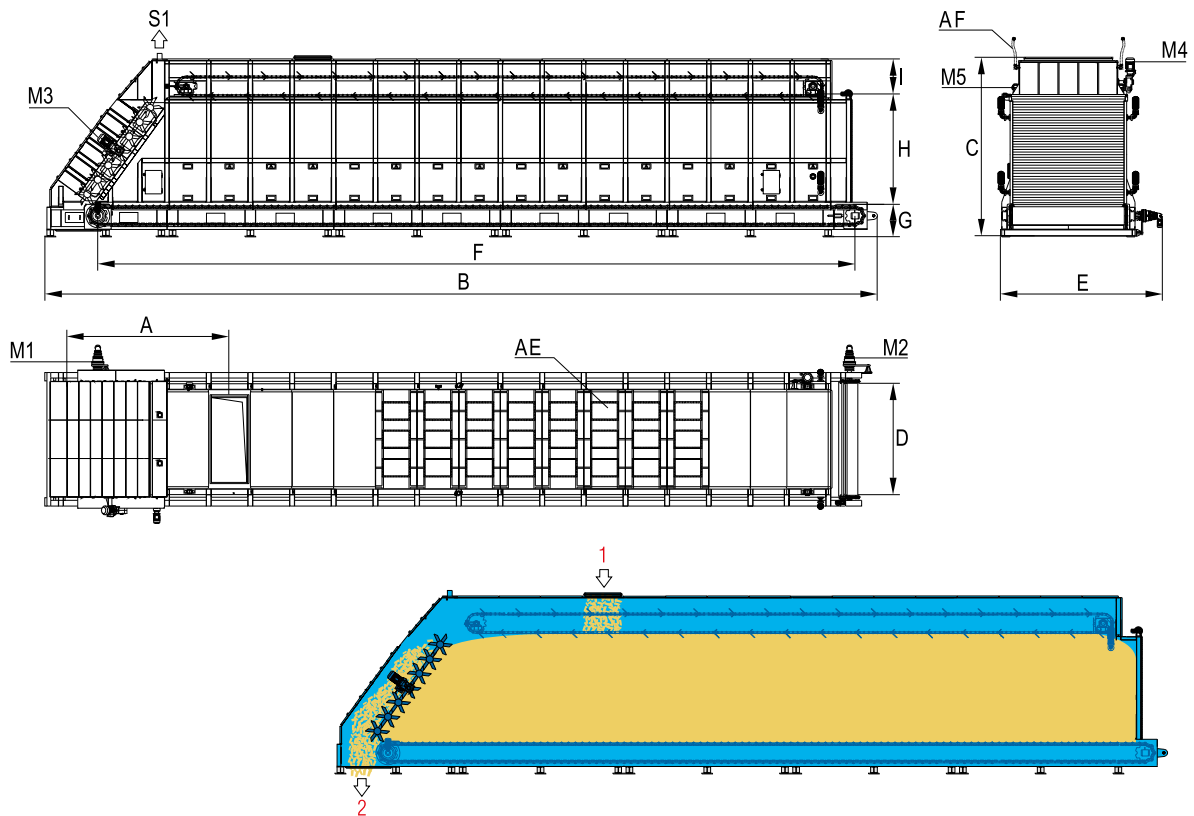
• Strong modular bin provided with: inspection windows – electronic levels for filling control – fire-extinguishing system for dry materials – explosion protection system for dry materials • Levelling chain • Dosing belt provided with: automatic tensioning system – self-centering system – cleaning brush • 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 = 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	F	G	H	I
<b>BBS 100</b>	5435	14961	5950	3000	4830	12250	1145	3500	1305
<b>BBS 150</b>	5435	20961	5950	3000	4830	18250	1145	3500	1305
<b>BBS 200</b>	5435	23961	5950	3000	4830	21250	1145	3500	1305
<b>BBS 300</b>	5435	32961	5950	3000	4830	30250	1145	3500	1305
<b>BBS 400</b>	8432	29961	6450	4000	5830	27250	1145	4000	1305

MODEL	CAPACITY BULK MATERIAL		BIN VOLUME m <sup>3</sup>	INSTALLED POWER kW									
	m <sup>3</sup> /h	t/h		M1	M1.1	M2	M2.1	M3	M3.1	M4	M4.1	M5	M6
<b>BBS 100</b>	200÷940	According to bulk density	100	0,75-2,2	0,093	0,75-2,2	0,093	15	0,124	4	0,093	7,5	0,5
<b>BBS 150</b>	200÷940		150	0,75-2,2	0,093	0,75-2,2	0,093	15	0,124	4	0,093	7,5	0,5
<b>BBS 200</b>	200÷940		200	0,75-5,5	0,093	0,75-5,5	0,093	15	0,124	4	0,093	15	2,5
<b>BBS 300</b>	200÷940		300	1,5-7,5	0,124	1,5-5,5	0,093	22	0,124	5,5	0,093	22	0,5
<b>BBS 400</b>	200÷1440		400	1,5-7,5	0,124	1,5-5,5	0,093	22	0,124	5,5	0,093	22	0,5

MODEL	AF** H <sub>2</sub> O - 6 bar		SUCTION		NET WEIGHT APPROX. kg
	DN	l/min	THROUGHPUT WET MATERIAL m <sup>3</sup> /h	THROUGHPUT DRY MATERIAL m <sup>3</sup> /h	
			S1	S1	
<b>BBS 100</b>	50 G 2"	1000	2x2050	2x1800	40400
<b>BBS 150</b>	50 G 2"	1000	2x2050	2x1800	55200
<b>BBS 200</b>	50 G 2"	1000	2x2050	2x1800	62600
<b>BBS 300</b>	50 G 2"	1000	2x2050	2x1800	84800
<b>BBS 400</b>	50 G 2"	1000	2x2050	2x1800	103200