METERING BINS
“DBS”

The "DBS" BULLMECH dosing bunkers are designed for the storage and dosing of powdered material, granules or flakes.

The bunker containing the material, is constantly filled by four screws placed at the top of the machine that transport the material to the rear. Appropriate reading systems monitor the machine so that it is possible to view the filling percentage in real time.

A conveyor belt with automatic centering system advances the material towards the unloading according to the required flow rate. At the discharge there are cutters suitably designed to ensure the fluidization of the material and the perfect extraction to be sent to the process.

Usually at the discharge of the Bunker there is a continuous weighing scale model "BSB" for weight control.

Benefits:

- **Maximum filling accuracy with constant volume control;**
- **Fluidization system with cutters to avoid lumps of material;**
- **Low running costs and easy maintenance;**
- **Combined with a "BS" odel scale it is possible to have continuous weight control;**

CODE DEFINITION

MODEL	.	Capacity [m³/h]	+	Associable Belt Scale model [a]	-	Equipment compatible with ATEX 2014/34/EU [b]
D B S	.	6 0 0	+	BS.200-330	-	A T 2 2

[a]: Omit if not present

[b]: AT21 = External area classified ATEX zone 21
AT22 = External area classified ATEX zone 22
= Unclassified outdoor area (Omit)

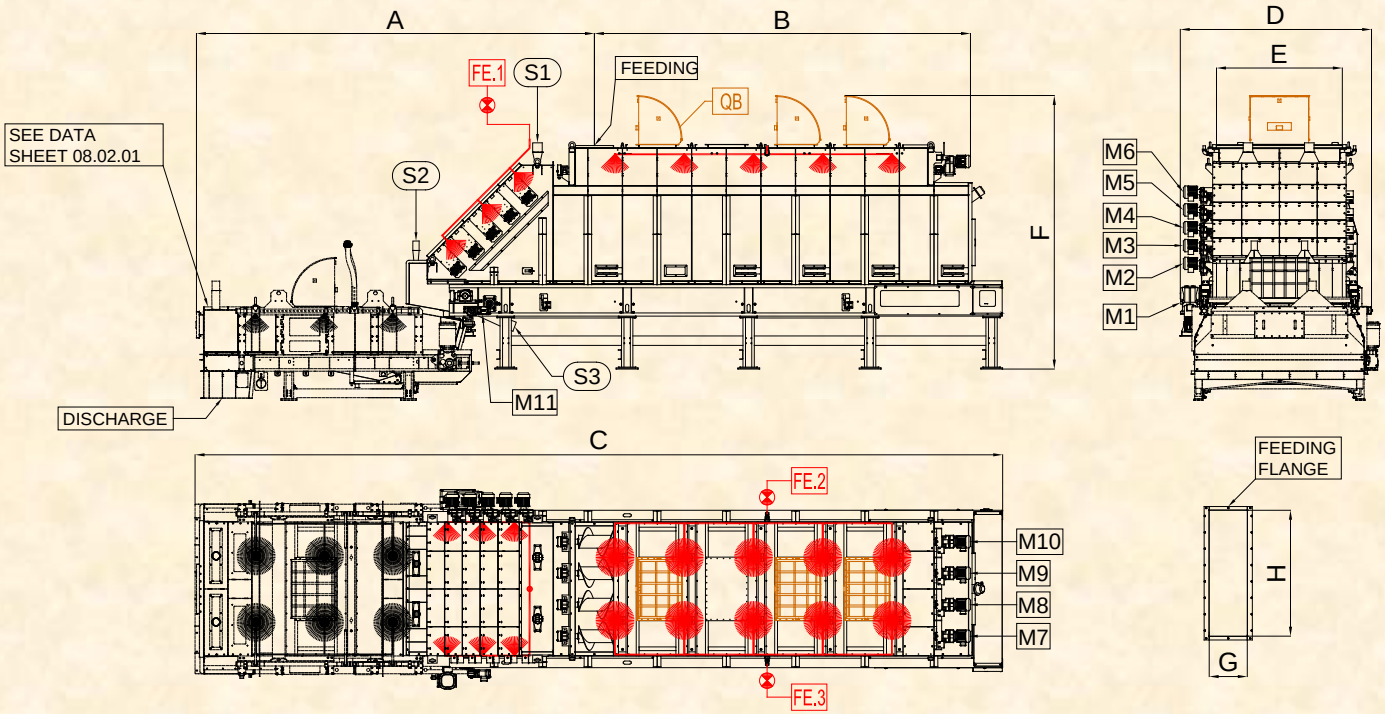
MODEL	Useful internal width	Useful internal height	Lenght internal height	Useful internal volume	Associable belt Scale model (*)	Maximunm capacity	Tape power (**)	Approximate weight	
								Meterin g Bin	Belt Scale
	[mm]	[mm]	[mm]	[m³]		[m³/h]	[Kw]	[kg]	
DBS.250	1.200	1.000	6.000	6	BS.120-250	240	0,55÷1,5	6.500	1.000
DBS.400	1.600	1.000	6.000	8	BS.160-250	360	0,55÷1,5	8.500	1.500
DBS.600	2.000	1.595	8.000	20	BS.200-330	600	1,5÷3,0	15.000	4.000
DBT.600	2.000	3.000	10.500	70	BS.200-330	600	1,5÷3,0	30.000	4.000

(*) See data sheet 08.02.01.
(**) In agreement with treated material

Example for order: ***DBS.600 + BS.200-330-AT22***

METERING BINS "DBS"
- DATA SHEET -

08.02.07



MODEL	GENERAL DIMENSION [mm]								ASPIRATION [m³/h]						INSTALLED POWER [Kw]				AF (**) [l/m]	AE (***) [pz]
									DRY MATERIAL			WET MATERIAL								
	A	B	C	D	E	F	G	H	S1	S2	S3	S1	S2	S3	M1 (*)	M2-M6	M7-M10	M11	FE.1 FE.2 FE.3	QB
DBS.250	4.000	5.000	9.000	2.500	1.200	2.900	605	1.200	1x1.600	2x710	1x1.600	2x1.780	2x800	1x1.780	0,55÷1,5	5 x 1,1	2 x 1,1	0,37	616	2
DBS.400	4.000	5.000	9.000	2.800	1.600	2.900	605	1.600	1x1.600	2x710	1x1.600	2x1.780	2x800	1x1.780	0,55÷1,5	5 x 1,1	2 x 2,2	0,37	616	3
DBS.600	6.500	6.000	12.500	3.050	2.000	4.400	605	2.000	2x1.600	2x710	1x1.600	2x1.780	2x800	1x1.780	1,5÷3,0	5 x 1,5	4 x 3,0	0,37	896	3
DBT.600	6.500	9.000	15.500	3.550	2.000	5.500	605	2.000	2x1.600	2x710	1x1.600	2x1.780	2x800	1x1.780	1,5÷3,0	5 x 1,5	4 x 3,0	0,37	896	5

(*) The power varies according to the flow rate and the material to be treated.
(**) Optional fire-fighting system for dry material. The indicated value refers to the overall flow rate a minimum pressure of 2bar.
(***) Optional explosion protection for dry material. The values must be verified according to the explosive value of the treated material.