

# BELT SCALE "BSB"

**BULLMECH** continuous weighing scales "BSB" are designed to perform a continuous weighing of the material to be sent to the process.

Usually combined with an extraction bunker, thanks to their construction technology, they are able to keep the weight of the product to be sent to the process constant. Inside the machine there is in fact a weighing bridge that constantly checks the weight of the material and that, in dialogue with the belt system, guarantees the maintenance of constant weight over time.

A belt controlled by encoder, transports the material ensuring maximum constancy of weight over time.

**BULLMECH** Continuous Weighing Scales "BSB" are therefore used whenever it is necessary to ensure a constant weight of the material to be sent to the process.

## Benefits:

- Excellent control of the weight of the material over time;
- Minimum maintenance costs;
- Reduced energy costs;
- Maximum cleanliness during operation;



# CODE DEFINITION

<b>MODEL</b>	<b>Width</b> [cm]	<b>Lenght</b> [cm]	<b>NEODY</b> group [a]	<b>Fluidifier</b> roller [b]	<b>Equipment</b> compatible with <b>ATEX</b> 2014/34/EU [c]
<b>B S B</b>	<b>2 0 0</b>	<b>0 3 0 0</b>	<b>NEODY</b>	<b>IDR</b>	<b>A T 2 2</b>

[a]: Omit if not present

[b]: Omit if not present

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

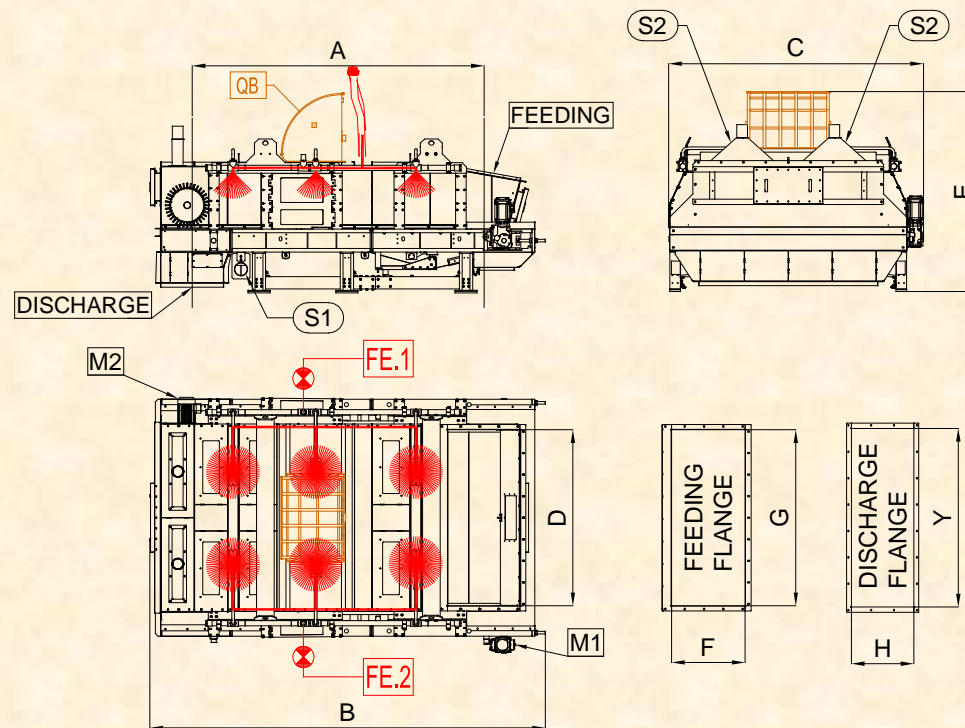
<b>MODEL</b>	<b>Internal width</b>	<b>Wheelbase Feeding /Discharge</b>	<b>Maximum capacity</b>	<b>Max material thickness</b>	<b>Tape power</b>	<b>Power NEODY grup</b>	<b>Power roller fluidifier</b>	<b>Approximate weight</b>
	[mm]	[mm]	[m <sup>3</sup> /h]	[mm]	[Kw] (*)	[Kw]	[Kw]	[kg]
<b>BSB.100-250/1000</b>	1.000	2.500÷10.000	410	400	0,55÷0,75	3,0	1,5	1.100÷4.500
<b>BSB.120-250/1000</b>	1.200	2.500÷10.000	500	400	0,55÷0,75	3,0	1,5	1.300÷5.000
<b>BSB.140-250/1000</b>	1.400	2.500÷10.000	600	400	0,75÷1,5	3,0	1,5	1.600÷6.100
<b>BSB.160-250/1000</b>	1.600	2.500÷10.000	650	400	0,75÷1,5	3,0	1,5	1.800÷7.000
<b>BSB.180-250/1000</b>	1.800	2.500÷10.000	750	400	1,1÷2,2	3,0	1,5	2.000÷7.900
<b>BSB.200-250/1000</b>	2.000	2.500÷10.000	815	400	1,1÷3,0	3,0	2,2	2.200÷8.800
<b>BSB.220-250/1000</b>	2.200	2.500÷10.000	900	400	1,5÷4,0	4,0	2,2	2.400÷9.600
<b>BSB.250-250/1000</b>	2.500	2.500÷10.000	900	400	1,5÷4,0	4,0	2,2	27.00÷11.000
<b>BSB.275-250/1000</b>	2.750	2.500÷10.000	900	400	2,2÷5,5	4,0	2,2	30.00÷12.000

(\*) In agreement with treated material

Example for order: **BSB.200-0300-NEODY-IDR-AT22**

# BELT SCALE MODEL "BSB" - DATA SHEET -

08.02.01



MODEL	GENERAL DIMENSION									ASPIRATIONS		INSTALLED PW.		AF (**)		AE (***)
	[mm]									[m <sup>3</sup> /h]		[Kw]		[l/m]		[pz]
	A	B	C	D	E	F	G	H	Y	S1	S2	M1	M2 (*)	FE.1	FE.2	QB
<b>BSB.100-250/1000</b>	2.500÷10.000	3.700÷11.200	1.975	1.000	2.270	780	1.000	600	1.030	2x1.600	2x1.020	0,55÷0,75	1,5	112÷896		1÷3
<b>BSB.120-250/1000</b>	2.500÷10.000	3.700÷11.200	1.095	1.200	2.270	790	1.200	600	1.230	2x1.600	2x1.020	0,55÷0,75	1,5	112÷896		1÷3
<b>BSB.140-250/1000</b>	2.500÷10.000	3.700÷11.200	2.375	1.400	2.270	805	1.400	620	1.430	2x1.600	2x1.020	0,75÷1,5	1,5	112÷896		1÷3
<b>BSB.160-250/1000</b>	2.500÷10.000	3.700÷11.200	2.575	1.600	2.270	815	1.600	650	1.630	2x1.600	2x1.020	0,75÷1,5	1,5	112÷896		1÷3
<b>BSB.180-250/1000</b>	2.500÷10.000	3.700÷11.200	2.775	1.800	2.270	825	1.800	680	1.830	2x1.600	2x1.020	1,1÷2,2	1,5	112÷896		1÷3
<b>BSB.200-250/1000</b>	2.500÷10.000	3.700÷11.200	2.895	2.000	2.270	835	2.000	710	2.030	2x1.600	2x1.020	1,1÷3,0	2,2	112÷896		1÷3
<b>BSB.220-250/1000</b>	2.500÷10.000	3.700÷11.200	3.260	2.200	2270	870	2.200	750	2.200	2x1.600	2x1.020	1,5÷4,0	2,2	112÷896		1÷3
<b>BSB.250-250/1000</b>	2.500÷10.000	3.700÷11.200	3.475	2.500	2270	870	2.500	780	2.500	2x1.600	2x1.020	1,5÷4,0	2,2	112÷896		1÷3
<b>BSB.275-250/1000</b>	2.500÷10.000	3.700÷11.200	3.675	2.750	2.270	870	2.750	790	2.785	2x1.600	2x1.020	2,2÷5,5	2,2	112÷896		1÷3

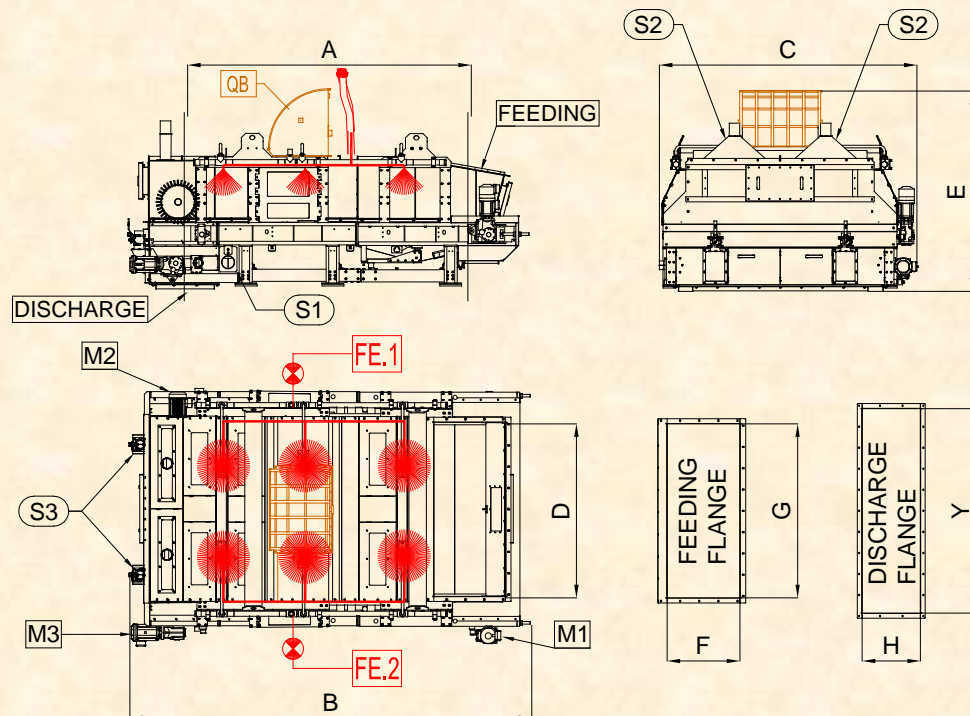
(\*) Optional

(\*\*) Optional fire suppression system for dry material. The indicated value refers to the overall flow rate with 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.

# BELT SCALE MODEL "BSB" WITH NEODY GROUP - DATA SHEET -

08.02.01



MODEL	GENERAL DIMENSION									ASPIRATIONS			INSTALLED PW.			AF (**)		AE (***)
	[mm]									[m <sup>3</sup> /h]			[Kw]			[l/m]		[pz]
	A	B	C	D	E	F	G	H	Y	S1	S2	S3	M1	M2 (*)	M3	FE.1	FE.2	QB
<b>BSB.100-250/1000</b>	2.500÷10.000	3.820÷11.320	1.965	1.000	2.270	780	1.000	500	1.350	2x1.600	2x1.020	1x710	0,55÷0,75	1,5	3,0	112÷896		1÷3
<b>BSB.120-250/1000</b>	2.500÷10.000	3.820÷11.320	2.165	1.200	2.270	790	1.200	525	1.550	2x1.600	2x1.020	1x710	0,55÷0,75	1,5	3,0	112÷896		1÷3
<b>BSB.140-250/1000</b>	2.500÷10.000	3.820÷11.320	2.365	1.400	2.270	805	1.400	550	1.750	2x1.600	2x1.020	1x710	0,75÷1,5	1,5	3,0	112÷896		1÷3
<b>BSB.160-250/1000</b>	2.500÷10.000	3.820÷11.320	2.565	1.600	2.270	815	1.600	600	1.950	2x1.600	2x1.020	1x710	0,75÷1,5	1,5	3,0	112÷896		1÷3
<b>BSB.180-250/1000</b>	2.500÷10.000	3.820÷11.320	2.765	1.800	2.270	825	1.800	640	2.150	2x1.600	2x1.020	1x710	1,1÷2,2	1,5	3,0	112÷896		1÷3
<b>BSB.200-250/1000</b>	2.500÷10.000	3.820÷11.320	2.965	2.000	2.270	835	2.000	670	2.350	2x1.600	2x1.020	1x710	1,1÷3,0	2,2	3,0	112÷896		1÷3
<b>BSB.220-250/1000</b>	2.500÷10.000	3.820÷11.320	3.165	2.200	2.270	870	2.200	740	2.550	2x1.600	2x1.020	1x710	1,5÷4,0	2,2	4,0	112÷896		1÷3
<b>BSB.250-250/1000</b>	2.500÷10.000	3.820÷113.20	3.465	2.500	2.270	870	2.500	780	2.850	2x1.600	2x1.020	1x710	1,5÷4,0	2,2	4,0	112÷896		1÷3
<b>BSB.275-250/1000</b>	2.500÷10.000	3.820÷11.320	3.715	2.750	2.270	870	2.750	800	3.100	2x1.600	2x1.020	1x710	2,2÷5,5	2,2	4,0	112÷896		1÷3

(\*) Optional

(\*\*) Optional fire suppression system for dry material. The indicated value refers to the overall flow rate with 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.