ROLLS SCREEN
“BRS-SCREEN”

The roller screens, model "BRS" BULLMECH, are designed for the screening of various types of product and allow to obtain homogeneous fractions that can be started to the subsequent production processes.

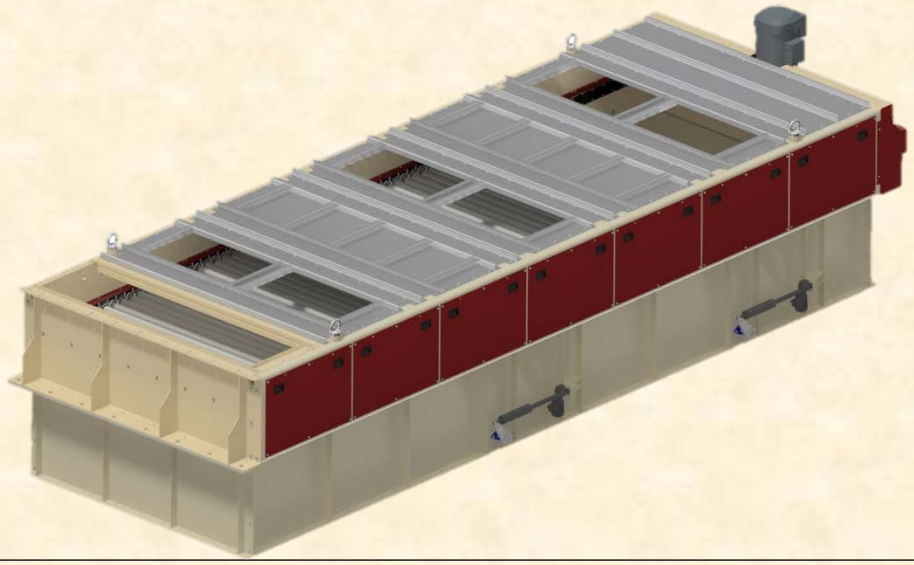
Roller screens are mainly used in all those processes where it is necessary to carry out a fine screening of the material to obtain homogeneous fractions. They are particularly suitable in wood fiber panel production plants, and in compost as they are able to remove the pollutants present (eg plastic, glass, metal, etc.) ensuring a high quality of the same.

They are also used for the screening of the sieve coming from the primary screens as they are able to screen particles < to 2mm in size.

The special construction of the screening rollers (patented) allows to operate even with very wet material (humidity> 100%) without clogging or loss of screening quality.

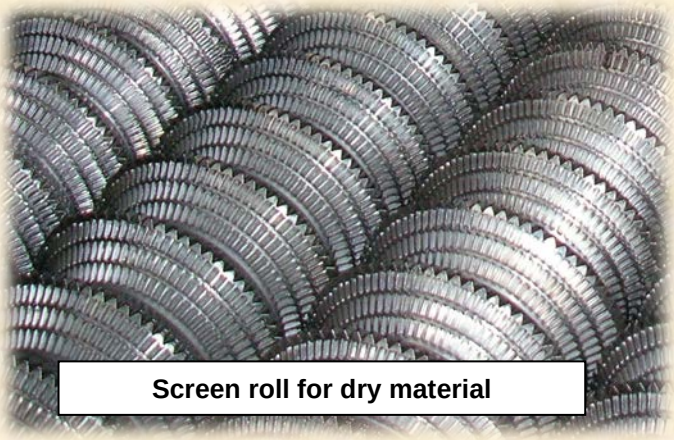
Specifications:

- **Different types of rollers to obtain up to five fractions with a single machine;**
- **Screening range from 1.5 to 150mm;**
- **Transgenziale transmission system with single motorization;**
- **Change of the machine configuration quickly and easily by inserting spacer devices;**
- **Manual or motorized flaps for fraction adjustment;**
- **Integrated suction system for the removal of light pollutants such as paper, nylon, textile fibers, etc.; (optional)**
- **Installation also in ATEX zone 22 classified environments.**



Benefits:

- **High capacity in a small space and with low energy consumption;**
- **Rolls with Zig Zag effect that guarantees high quality and efficiency of screening;**
- **Rolls profiles that ensure accurate dimensional selection and optimal dragging;**
- **High durability of the rollers with any type of material;**
- **Easy adjustment of the grain sizes on the fractions which allows a constant adaptation of the machine to the treated material;**
- **Screening system that prevents clogging and / or blocking even with very wet material (humidity> 100%);**
- **Very easy adjustment of the screening parameters;**
- **Low maintenance costs and high reliability make it the ideal choice for screening any type of material.**



Screen roll for dry material

Screen roll for wet material

CODE DEFINITION

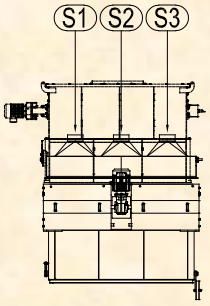
MODEL	-	Lenght [cm]	-	Width [cm]	-	Equipment compatible with ATEX 2014/34/EU [a]
B R S	-	5 0 0 0	-	2 2 0 0	-	A T 2 2

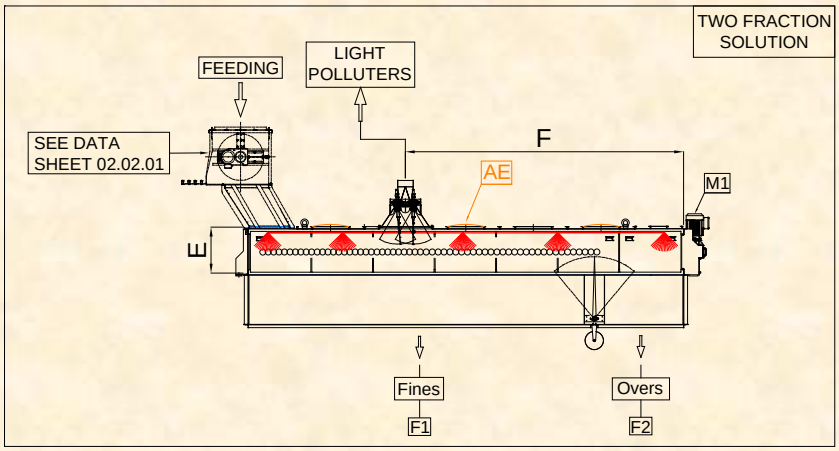
[a]: AT21 = External area classified ATEX zone 21
AT22 = External area classified ATEX zone 22
= Unclassified outdoor area (Omit)

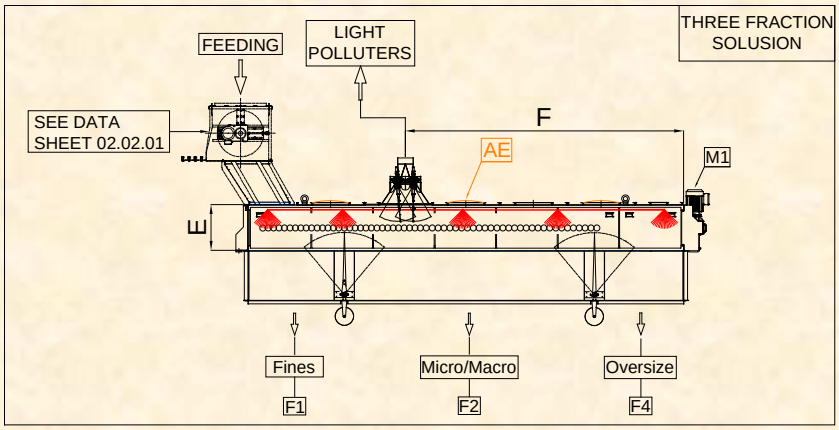
MODEL	Internal lenght	Internal width	Maximum capacity	Power	weight
	[mm]	[mm]	[m³/h]	[Kw]	[kg]
BRS-2.500-1.500	2.500	1.500	In agreement with the type of material and the number of rollers	3,0	Depending on the number of rollers and the machine configuration
BRS-3.000-1.500	3.000	1.500		4,0	
BRS-3.500-1.500	3.500	1.500		4,0	
BRS-4.000-1.500	4.000	1.500		5,5	
BRS-4.500-1.500	4.500	1.500		5,5	
BRS-5.000-1.500	5.000	1.500		5,5	
BRS-5.500-1.500	5.500	1.500		7,5	
BRS-6.000-1.500	6.000	1.500		7,5	
BRS-1.500-2.200	1.500	2.200		3,0	
BRS-2.000-2.200	2.000	2.200		4,0	
BRS-2.500-2.200	2.500	2.200		4,0	
BRS-3.000-2.200	3.000	2.200		5,5	
BRS-3.500-2.200	3.500	2.200		5,5	
BRS-4.000-2.200	4.000	2.200		5,5	
BRS-4.500-2.200	4.500	2.200		5,5	
BRS-5.000-2.200	5.000	2.200		5,5	
BRS-5.500-2.200	5.500	2.200		7,5	
BRS-6.000-2.200	6.000	2.200		9,2	
BRS-6.500-2.200	6.500	2.200		9,2	
BRS.7.000-2.200	7.000	2.200		11,0	
BRS-7.500-2.200	7.500	2.200		11,0	
BRS-8.000-2.200	8.000	2.200		11,0	
BRS-8.500-2.200	8.500	2.200		11,0	
BRS-9.000-2.200	9.000	2.200		15,0	
BRS-9.500-2.200	9.500	2.200		15,0	

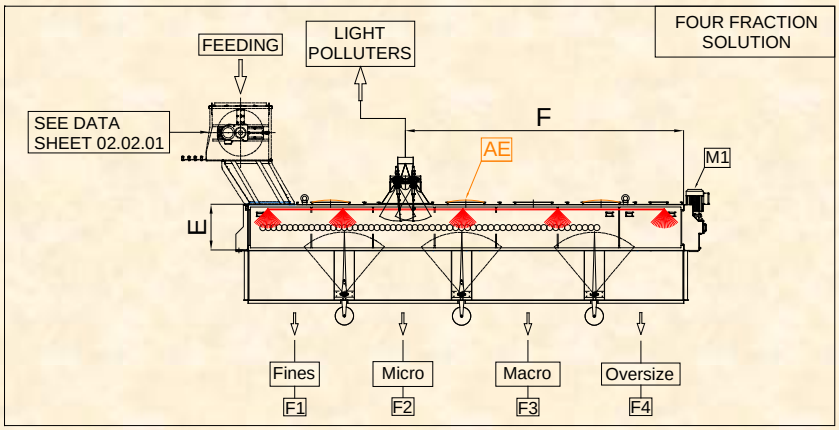
Example for order: ***Contact Bullmech for the definition of the Machine***

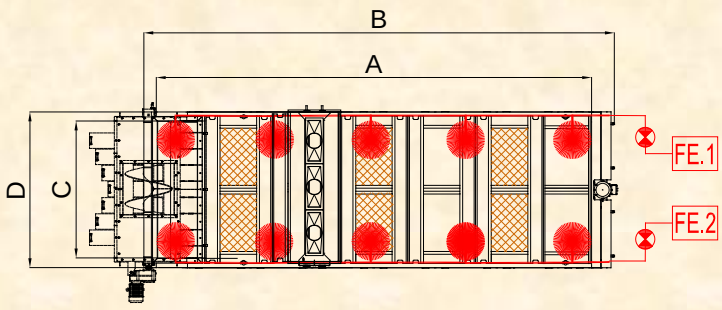
ROLLS SCREEN "BRS-SCREEN"
- DATA SHEET -











ROLLS SCREEN "BRS-SCREEN"
- DATA SHEET -

MODEL	GENERAL DIMENSION						LIGHT POLLUTANT ASPIRATION (*)	POWER INSTALLED	FIREFIGHTING SYSTEM (**)	ANTI-EXPLOSION PANELS (***)	NUMBER OF FRACTION
	[mm]						[m³/h]	[Kw]	[l/min]	[pz]	
	A	B	C	D	E	F	S1+S2+S3	M1	FE.1 + FE.2	AE	
BRS-2.500-1.500	2.500	3.065	1.500	1.085	735	Depending on the layout and material covered	3 x 3.000	3,0	224	2	Configurable fractions from 2 to 4 according to request
BRS-3.000-1.500	3.000	3.565	1.500	1.085	735		3 x 3.000	4,0	336	2	
BRS-3.500-1.500	3.500	4.065	1.500	1.085	735		3 x 3.000	4,0	336	2	
BRS-4.000-1.500	4.000	4.565	1.500	1.085	735		3 x 3.000	5,5	336	4	
BRS-4.500-1.500	4.500	5.065	1.500	1.085	735		3 x 3.000	5,5	448	4	
BRS-5.000-1.500	5.000	5.565	1.500	1.085	735		3 x 3.000	5,5	448	4	
BRS-5.500-1.500	5.500	6.065	1.500	1.085	735		3 x 3.000	7,5	448	6	
BRS-6.000-1.500	6.000	6.565	1.500	1.085	735		3 x 3.000	7,5	448	6	
BRS-1.500-2.200	1.500	2.065	2.200	2.505	735		3 x 3.000	3,0	224	2	
BRS-2.000-2.200	2.000	2.565	2.200	2.505	735		3 x 3.000	4,0	224	2	
BRS-2.500-2.200	2.500	3.065	2.200	2.505	735		3 x 3.000	4,0	224	2	
BRS-3.000-2.200	3.000	3.565	2.200	2.505	735		3 x 3.000	5,5	336	4	
BRS-3.500-2.200	3.500	4.065	2.200	2.505	735		3 x 3.000	5,5	336	4	
BRS-4.000-2.200	4.000	4.565	2.200	2.505	735		3 x 3.000	5,5	336	4	
BRS-4.500-2.200	4.500	5.065	2.200	2.505	735		3 x 3.000	5,5	448	6	
BRS-5.000-2.200	5.000	5.565	2.200	2.505	735		3 x 3.000	5,5	448	6	
BRS-5.500-2.200	5.500	6.065	2.200	2.505	735		3 x 3.000	7,5	448	6	
BRS-6.000-2.200	6.000	6.565	2.200	2.505	735		3 x 4.000	9,2	448	6	
BRS-6.500-2.200	6.500	7.065	2.200	2.505	735		3 x 4.000	9,2	560	8	
BRS.7.000-2.200	7.000	7.565	2.200	2.505	735		3 x 4.000	11,0	560	8	
BRS-7.500-2.200	7.500	8.065	2.200	2.505	735		3 x 4.000	11,0	560	8	
BRS-8.000-2.200	8.000	8.565	2.200	2.505	735		3 x 4.000	11,0	560	8	
BRS-8.500-2.200	8.500	9.065	2.200	2.505	735		3 x 4.000	11,0	672	10	
BRS-9.000-2.200	9.000	9.565	2.200	2.505	735		3 x 4.000	15,0	672	10	
BRS-9.500-2.200	9.500	10.065	2.200	2.505	735		3 x 4.000	15,0	784	10	

(*) Suction of light pollutants is optional and requires a cyclone for settling the sucked material.
(**) Optional explosion protection system for dry material.
(***) Optional explosion protection for dry material with 0.5 m² panels.