OSCILLATING SCREENS

HYDROSTATIC SCREENS

PATENTED

TECHNICAL FEATURES

• Completely innovative, light and modular construction • System of hydraulic suspension and low friction coefficient for the screen housing support • Upper and lower balancers with rotating counterweight that provides the structure only with a rotating motion and eliminates any "pitching" problems • Controlled and adjustable rotary movement of the screen housing • The machine can have one or two screening stages, each containing up to 4 sieve lines • From 2 to 5 fractions of sieved material are obtainable • The sieves are made from stainless steel • Flexible charging and discharging hoses on the storage hoppers for connection to the related conveyors outside the sieve • In the sieve holder there are no fire and explosion ignition sources.

BENEFITS

• Unusual or special conveyors are not required • The hydrostatic suspensions are more durable, efficient and cheaper than traditional systems with elastic parts • Very low maintenance costs • Minimum installed power loading • Light foundations required • Very high screening performance thanks to the high rotation speed • Simple and rapid replacement of sieves.

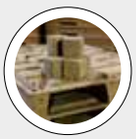
BEST IN CLASS FOR:

WOOD BASED PANELS:

MDF/HDF

PB/SPB

OSB/LSB/FOSB



PRESSED WOOD PACKAGING:

PALLET BLOCKS

PELLETS & ENERGY:

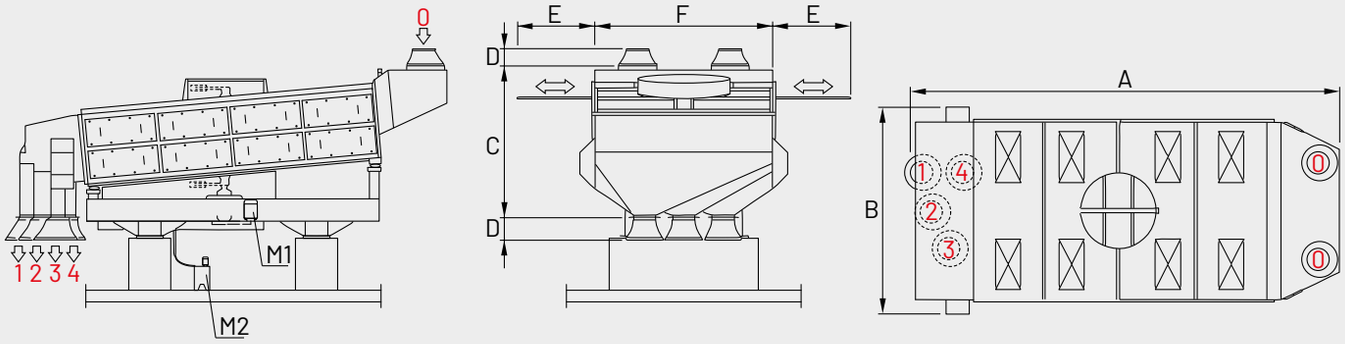
WOOD PELLETS AND BLACK PELLETS

THERMAL AND ELECTRIC ENERGY

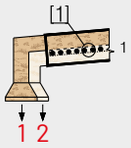
WOOD RECYCLING AND WASTE TREATMENT:

CUSTOMIZED SOLUTIONS FOR RECYCLING

PAL Srl - Via delle Industrie, 6/B - 31047 Ponte di Piave (TV) - Italy
Ph.: +39 0422 852 300 - Fax: +39 0422 853 444 - info@pal.it

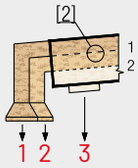


1 Deck



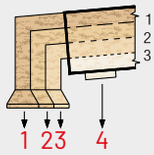
2 Fractions

2 Decks



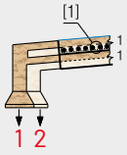
3 Fractions

3 Decks



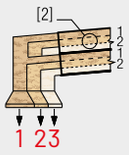
4 Fractions

1 Double Deck



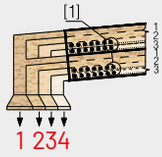
2 Fractions

2 Double Decks



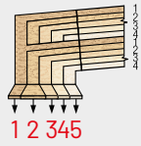
3 Fractions

3 Double Decks



4 Fractions

4 Double Decks



5 Fractions

0 = FEEDING 1-4 = FRACTIONS M1 = SCREEN ELECTRIC MOTOR M2 = HYDROSTATIC SUSPENSIONS POWER PACK

MODEL standard types	NET SCREENING SURFACE FOR EACH FRACTION m^2	CAPACITY for screens mesh size		
		1,2x1,2 mm (m^3/h)	1,4x1,4 mm (m^3/h)	1,6x1,6 mm (m^3/h)
HD 5	5	27,5 - 30	30 - 32,5	32,5 - 35
HD 8	8	44 - 48	48 - 52	52 - 56
HD 16	16	88 - 96	96 - 104	104 - 112
HD 21	21	126 - 136	136 - 150	150 - 165
HD 26	26	160 - 170	170 - 185	185 - 200
HD 32	32	195 - 208	208 - 220	220 - 240

MODEL	STAGE OF SIEVING Nr.	FRACTIONS AVAILABLE Nr.	OVERALL DIMENSIONS mm						INSTALLED POWER kW		WEIGHT APPROX kg
			A	B	C	D	E	F	M1	M2	
HD 5	1	2 - 3	4800	2100	1480	300	1350	2000	1,5	-	2800
HD 8		2 - 4	6000	2800	2060	300	1300	2700	2,2	0,18	4000
HD 13		2 - 4	7770	3700	2100	300	1550	3165	4	0,18	5500
HD 16		2 - 3	7770	4450	2100	300	1900	3915	4	0,18	8500
HD 16	2	2 - 4	6550	3260	2550	300	1300	2725	4	0,18	8500
HD 21		2 - 4 5=SPECIAL	7770	3260	2700	300	1300	2725	5,5	0,18	9500
HD 26		2 - 4 5=SPECIAL	7770	3700	2700	300	1550	3165	7,5	0,18	10900
HD 32		3 - 4	7770	4450	2700	300	1900	3915	7,5	0,18	12000