

WIND SIFTER DOUBLE MACHINES



The machine is designed to process particles of wood material in very small fragment form. Using air as a means to separate particles, the machine allows differently sized particles to be separated and, by adjusting the intensity of the air flow, the desired and accepted particles can be separated and conveyed into the cyclone.

TECHNICAL FEATURES

- Classifying chamber complete with: infeed system – horizontal fluidizing screen – comb system for moving thick particles and improving separation of heavy pollutants – zigzag channels – suction hopper connected to the cyclone
- outfeed device for rejected particles – discharge system for heavy pollutants
- Fan
- Cyclone for accepted particles
- AF – Fire extinguishing system
- AE – Explosion protection system.

BENEFITS

- High efficiency in classification
- The turbulence generated by the zigzag channels ensures the thick-large (jumbo) particles to drop (that are improperly sucked and classified as accepts by other selectors)
- Selection limit freely adjustable
- Unbeatable removal of heavy pollutants
- Highly reliable
- Low maintenance.

BEST IN CLASS FOR:



WOOD BASED PANELS:
MDF/HDF
PB/SPB



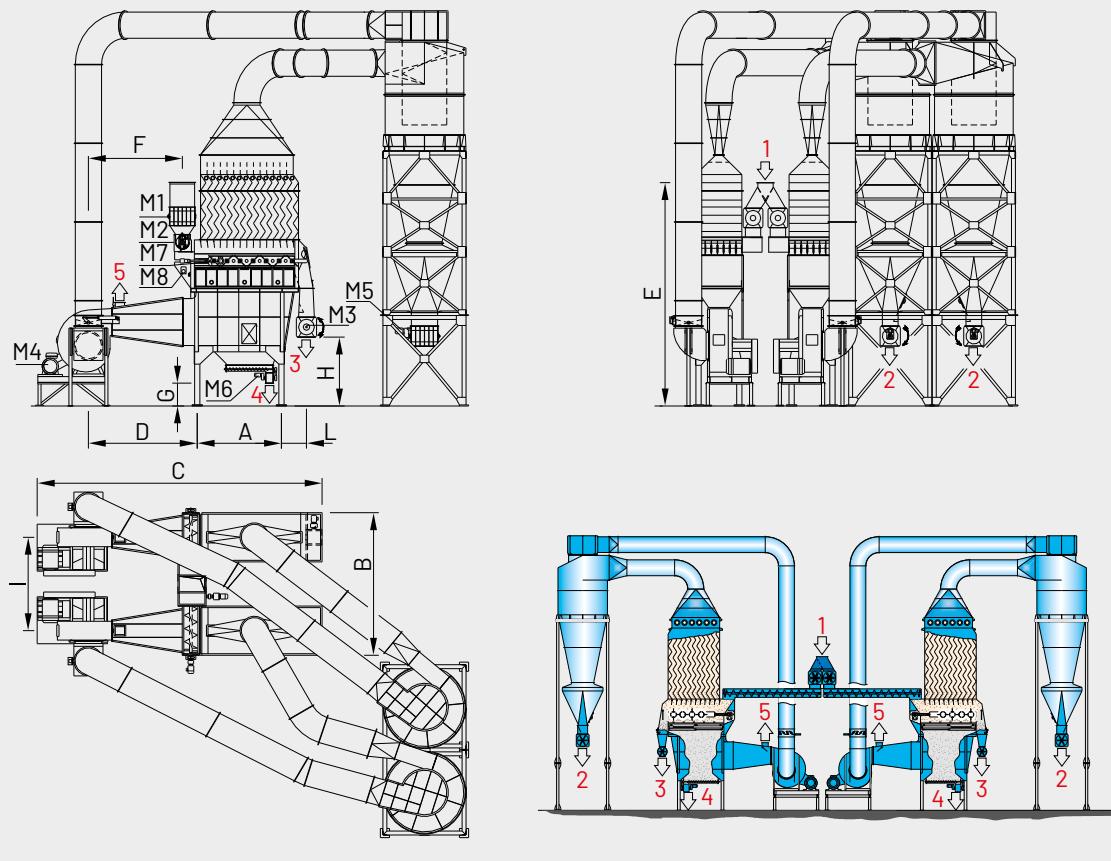
PRESSED WOOD PACKAGING:
PALLET BLOCKS



PELLETS & ENERGY:
WOOD PELLETS AND
BLACK PELLETS
THERMAL AND
ELECTRIC ENERGY



WOOD RECYCLING AND
WASTE TREATMENT:
CUSTOMIZED SOLUTIONS
FOR RECYCLING



1 = POLLUTED PARTICLES
 2 = ACCEPTS, CLEANED THIN PARTICLES
 3 = REJECTS, THICK PARTICLES
 4 = SAND / HEAVY POLLUTANTS
 5 = EXHAUST AIR



M1 = FEEDING SCREW
 M2 = ROTARY VALVE IN
 M3 = ROTARY VALVE REJECT
 M4 = FAN DRIVE

M5 = ROTARY VALVE OUT
 M6 = ROTARY VALVE SAND
 EXTRACTION
 M7 = COMBS ROTATION
 M8 = COMBS OSCILLATOR



MODEL	OVERALL DIMENSIONS mm									
	A	B	C	D	E	F	G	H	I	L
WS.10,6	3212	4900	10049	3550	9503	3023	1200	2800	3394	955
WS.12,4	3212	5400	10049	3550	9609	2973	1200	2600	3644	955
WS.15,0	3212	6100	10074	3550	9070	2973	1200	2800	3994	955
WS.16,6	3717	6210	10554	3598	9595	3013	1200	2800	4104	955
WS.18,0	3717	6520	11150	4070	9748	3485	1200	2600	4260	955
WS.20,0	3717	8100	12249	4515	9450	2931	1047	2500	5400	960

Cyclone and pipe have to be sized and located according to the process data for processed material and outfeed position

MODEL	CAPACITY t/h				INSTALLED POWER kW								EXHAUST AIR m ³ /h	WEIGHT* APPROX. kg
	S.L. DRY	C.L. DRY	OVERSIZE DRY	RECY MIX	M1	M2	M3	M4	M5	M6	M7	M8		
WS.10,6	19,1	31,8	38,2	37,1	2 x 4,0	2 x 4,0	2 x 3,0	Information available according to processed material and cyclone distance.	2 x 4,0	2 x 0,75	2 x 2,2	2 x 0,55	26000	
WS.12,4	22,3	37,2	44,6	43,4	2 x 5,5	2 x 7,5	2 x 3,0		2 x 5,5	2 x 0,75	2 x 2,2	2 x 0,55	28000	
WS.15,0	27,0	45,0	54,0	52,5	2 x 5,5	2 x 7,5	2 x 4,0		2 x 5,5	2 x 0,75	2 x 2,2	2 x 0,55	29000	
WS.16,6	29,9	49,8	59,8	58,1	2 x 5,5	2 x 7,5	2 x 4,0		2 x 5,5	2 x 0,75	2 x 2,2	2 x 0,55	30000	
WS.18,0	32,4	54,0	64,8	63,0	2 x 5,5	2 x 7,5	2 x 4,0		2 x 5,5	2 x 0,75	2 x 2,2	2 x 0,55	31600	
WS.20,0	36,0	60,0	72,0	70,0	2 x 5,5	2 x 9,2	2 x 4,0		2 x 5,5	2 x 0,75	2 x 4,0	2 x 0,75	44000	

*Weight without piping and cyclone