WET CHIPS CLEANERS

WATER PIT

The machine is designed to separate the material from the contaminants. The agitator unit creates a current that drives the floating material towards the clean material outlet hopper. The material to be treated is separated according to its weight. The lightest wood floats and is conveyed to the output hopper. The heavier pollutants sink to the bottom of the tank and are conveyed to the pollutant outlet hopper.

TECHNICAL FEATURES

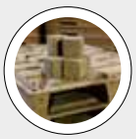
• Wet cleaning system suitable to remove heavy pollutants out of the oversize chips • Working principle based on difference in bulk density of infeed materials • Chips flow is fed into a water pit where lighter materials float while the heavier pollutants such as stones, metals, etc. fall down and are removed by a chain conveyor • On the opposite side the same conveyor removes the floating material, wood, etc. after draining.

BENEFITS

• Recovery of clean oversize chips to production • High reliability • Very low maintenance cost • Low energy consumption.

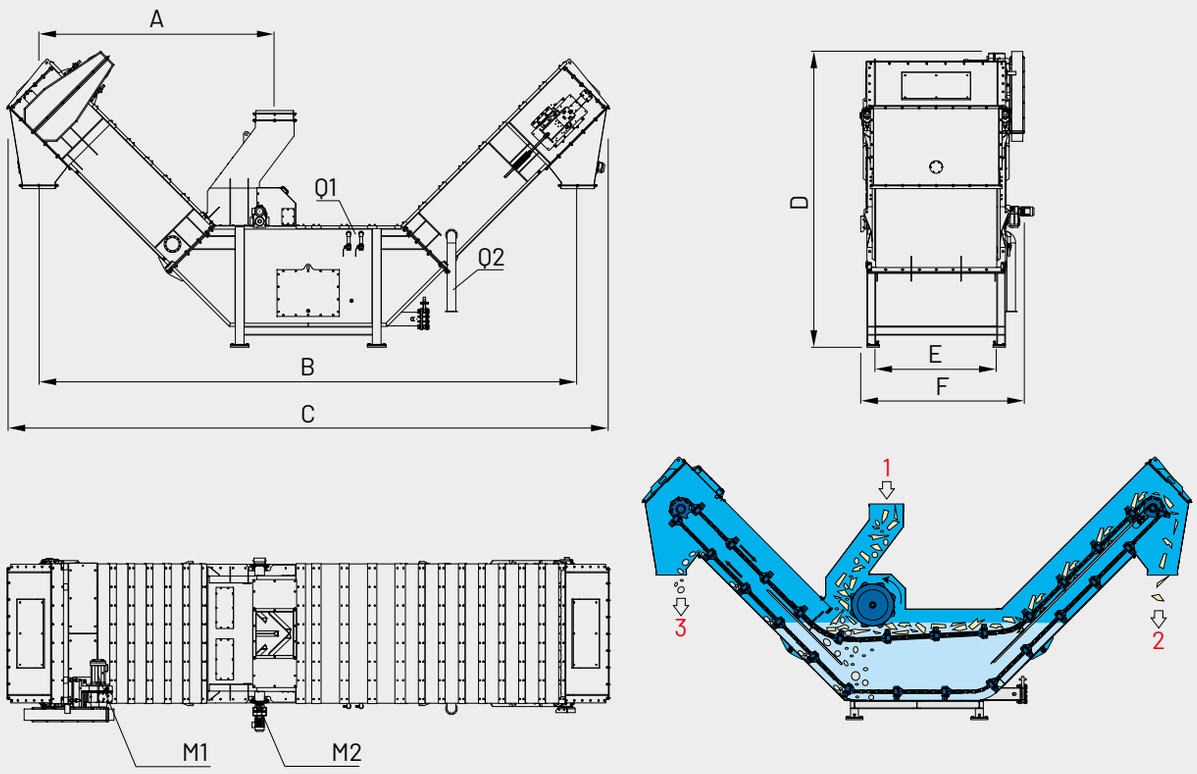
BEST IN CLASS FOR:

WOOD BASED PANELS:
MDF/HDF
PB/SPB



PRESSED WOOD PACKAGING:
PALLET BLOCKS

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 = POLLUTED CHIPS
2 = CLEAN CHIPS
3 = HEAVY POLLUTANTS

Q1 = FILLING WATER
Q2 = SAFETY DRAIN TUBE

M1 = CHAIN MOTOR
M2 = ROTOR MOTOR

MODEL	OVERALL DIMENSIONS mm					
	A	B	C	D	E	F
WP.1000	3788	8653	9665	4632	1000	1635
WP.2000	3788	8653	9665	4632	2000	2635

MODEL	CAPACITY BULK CHIPS		TANK CAPACITY APPROX. m^3	WATER CONSUMPTION l/min - top	INSTALLED POWER kW		WEIGHT WITHOUT WATER APPROX. kg
	m^3/h	t/h*			M1	M2	
WP.1000	29	4,4	5,5	30	4	2,2	10000
WP.2000	58	8,7	11	60	5,5	3	12600

*With bulk density 150 kg/m^3 b.d.