



• PB • PALLET BLOCKS • WASTE

PAL

IMAL
PAL
GROUP

DENSIMETRIC SEPARATORS

DENSIMAT

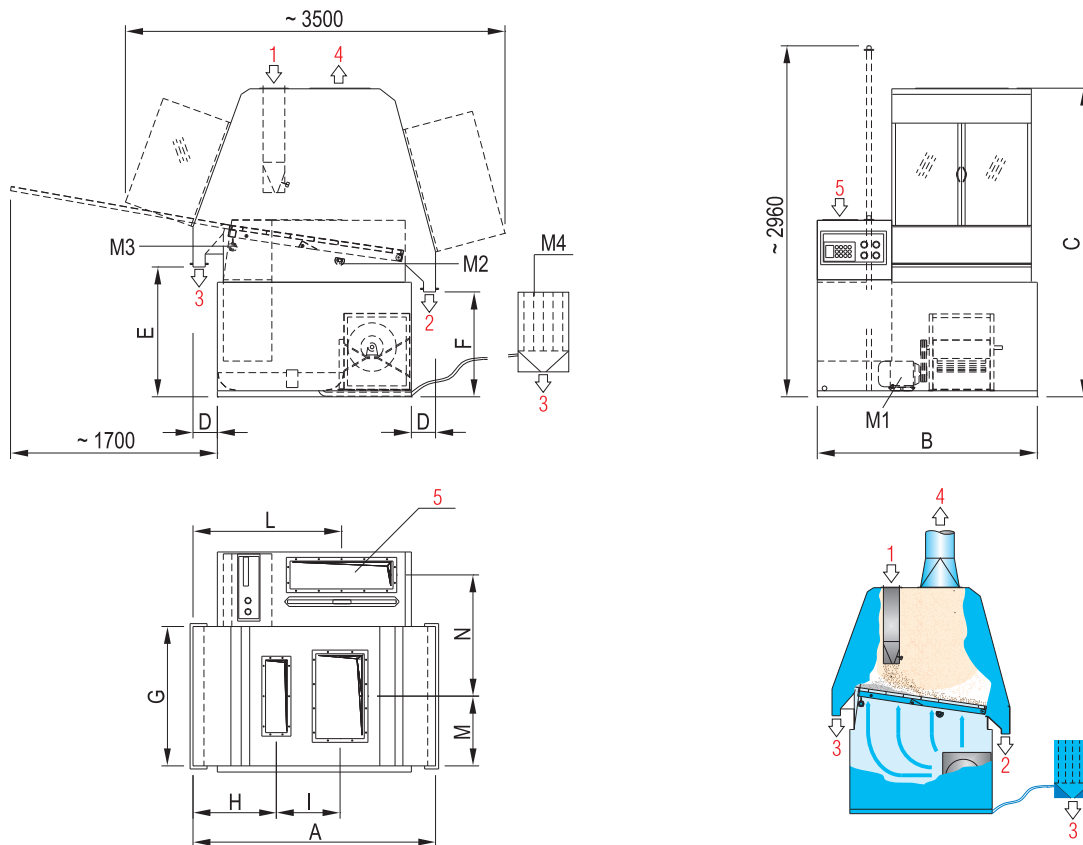
CLEANER FOR FINES, EXTRA FINES, DUST AND REJECT FROM DCC & WS

TECHNICAL FEATURES

- Inlet spreader for material flow
- Densimetric table fitted with vibrating screen
- Fan for fluidizing air generation
- In-line air filter
- Cleaning parameters fully adjustable via keyboard, i.e.: screen inclination – vibration frequency – fluidizing air speed
- Self-cleaning device for chamber bottom
- Suction hopper with inspection doors
- Compact unit including electric-electronic devices for controls and adjustments.

BENEFITS

- Removal of sand from screening and sanding dust
- Removal of heavy pollutants from: thick-dry particles, i.e. rejects from SL & CL wind sifters – rejects from dry cleaners for chips type DCC
- Highly reliable and flexible adjustment for the removal of typical and atypical pollutants, e.g.: sand, stones, metals – plastics, rubber, glass, laminates, etc.
- Very high cleaning efficiency
- Cleaner combustion dust (and combustion chambers)
- Improved panel machinability
- Low cost, low energy consumption, easy maintenance.



1= INLET
2= CLEANED MATERIAL
3= HEAVY POLLUTANTS

4= VOLATILE-CLEANED MATERIAL
5= FRESH-CLEANED AIR
M1= FAN

M2= SCREEN
M3= INCLINATION ADJUSTER
M4= SUCTION FOR CHAMBER CLEANING

MODEL	OVERALL DIMENSIONS mm											
	A	B	C	D	E	F	G	H	I	L	M	N
DSM.15.D	2000	1815	2543	200	1070	865	1150	687	525	1224	575	1000
DSM.15.D-CHIPS	2000	1815	2543	200	1070	865	1150	687	525	1224	575	1000

MODEL	CAPACITY t/h				SUCTION S1		INSTALLED POWER kW				WEIGHT APPROX. kg
	DUST	COARSE S.L.	COARSE C.L.	RECY-WET PARTICLES	THROUGHPUT m ³ /h	AIR SPEED m/s	M1	M2	M3	M4	
DSM.15.D	0,8-12	1,4-1,6	1,4-1,6	1,2-1,6	*	29	4,0	0,75	0,17	1,0	1360
	POLLUTED CHIPS FROM DCC										
DSM.15.D-CHIPS	2,0 - 2,5				16000	29	11,0	0,75	0,17	1,0	1360

*4000 m³/h for dust or 6000 m³/h for other materials