

OPTICAL SORTER

CYCLOPS – All in one

PATENTED



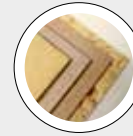
The machine is designed to separate woodchips from pollutants, such as heavy and/or ferrous and/or plastic particles contained within them through the use of systems such as RGB, NIR cameras, Laser, inductive bars and air systems.

TECHNICAL FEATURES

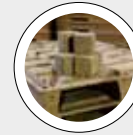
- High speed belt for monolayer particles transfer
- High efficiency and constant performance of digital camera
- Integrated sw control system
- Selecting unit with compressed air
- Selecting unit with blower
- Discharge hopper with selecting flap
- Heavy construction for continuous operation.

BENEFITS

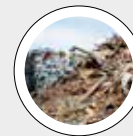
- Possibility of feeding any type of raw wood
- Removal of many kind of pollutants, plastic, metals, inerts and heavy material
- Very high efficiency
- Compact layout
- Low maintenance
- Easy control and adjustment.

BEST IN CLASS FOR:

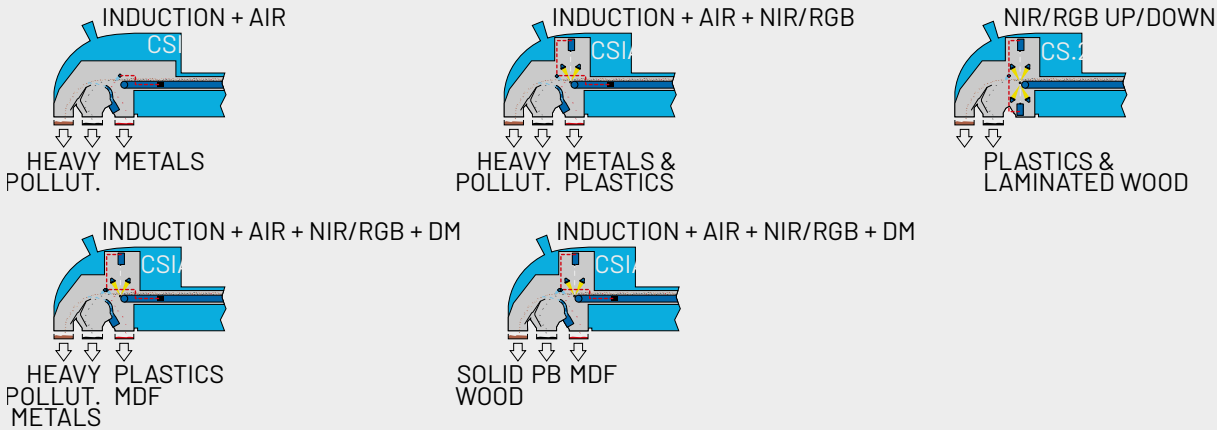
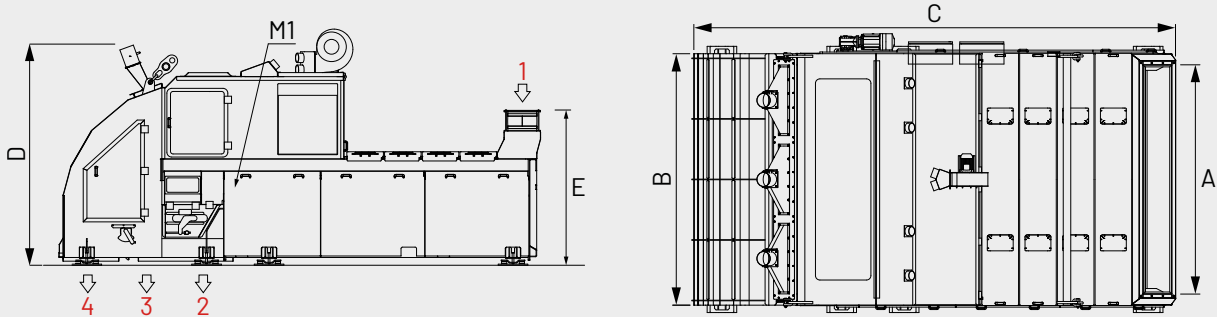
WOOD BASED PANELS:
MDF/HDF
PB/SPB



PRESSED WOOD PACKAGING:
PALLET BLOCKS



WOOD RECYCLING AND
WASTE TREATMENT:
CUSTOMIZED SOLUTIONS
FOR RECYCLING



1 = INLET MATERIAL
2 = POLLUTANTS AND METALS
3 = HEAVY MATERIAL
4 = CLEANED MATERIAL
M1 = BELT ROTATION

MODEL	OVERALL DIMENSIONS mm				
	A	B	C	D	E
CS.1.1000	1000	1740	6460	3000	1910
CSIA.1000	1000	1740	6460	3000	1910
CS.2.2000	2000	2730	6460	3000	1910
CSIA.2000	2000	2730	6460	3000	1910
CS.3.3000	3000	3730	6460	3000	1910
CSIA.3000	3000	3730	6460	3000	1910

MODEL	CAPACITY		INSTALLED POWER kW		EXHAUST AIR FLOW (m³/h)	
	MICRO CHIPS 10-30 mm	MACRO CHIPS >30 mm	M1	M2	MICRO CHIPS	MACRO CHIPS
CS.1.1000	35 m³/h	55 m³/h	3	1,1	5000	
CSIA.1000	65 m³/h	65 m³/h	3	-	10000	
CS.2.2000	70 m³/h	110 m³/h	4	1,50	8000	
CSIA.2000	130 m³/h	130 m³/h	4	-	20000	
CS.3.3000	105 m³/h	165 m³/h	5	4	11000	
CSIA.3000	195 m³/h	195 m³/h	5	-	30000	

MODEL	AIR BLADE m³/h	LIGHTS POWER KW	AIR FOR NIR CAMERA m³/h
CS.1.1000	-	1,7	1500
CSIA.1000	1x11	-	-
CS.2.2000	-	3,4	3000
CSIA.2000	2x11	-	-
CS.3.3000	-	5,1	4800
CSIA.3000	3x11	-	-