

DCC – DRY CLEANER FOR CHIPS

04.01.A



This machine is designed to separate heavy bodies, such as stones, glass or metal pieces, from the wood chips flow processed by the machine. This cleaning task is obtained by the combined action of vibration and air blowing.

TECHNICAL FEATURES

- High-tech chip cleaning system suitable to remove every kind of heavy pollutants from the chips, i.e. sand, stones, minerals, etc.
- Special design for recycling-high polluted chips
- Cleaning chamber provided of perforated screens and front step to stop heavy pollutants
- Very strong oscillators for cleaning chamber
- High pressure pneumatic circuit provided of adjustable speed pulsator
- Special re-classifiers to separate the heavy pollutants from chip flow
- Suction hopper and cyclone in order to prevent pollution.

BENEFITS

- Removal of any type of heavy pollutants, i.e. sand, stones, minerals, etc.
- Unbeatable cleaning efficiency
- Dramatic reduction (up to 40-70%) of raw material cost using recycled chips
- Cost reduction till 50% for knives and wearing parts of knife ring flakers
- High reliability
- Very low maintenance cost
- Low energy consumption, i.e. 0,5-0,6 kW/m³/h of bulk chips
- Installation free from pollution.

BEST IN CLASS FOR:



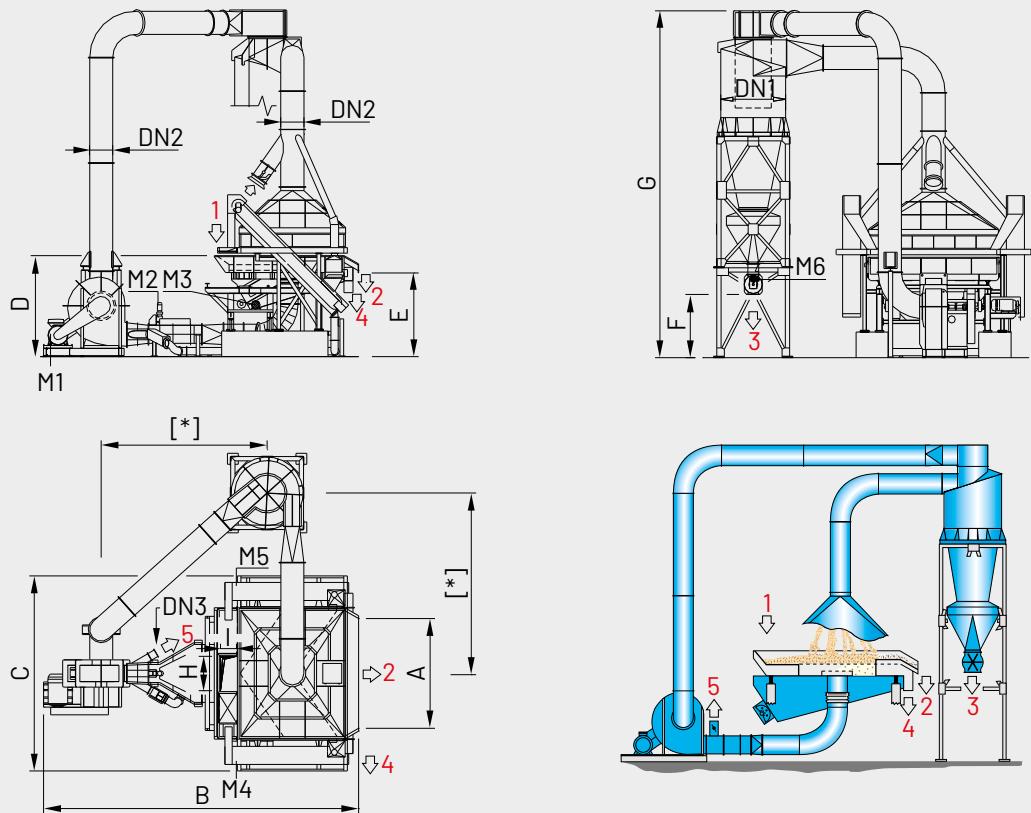
WOOD BASED PANELS:
MDF/HDF
PB/SPB
INSULATION BOARDS



PRESSED WOOD PACKAGING:
PALLET BLOCKS



PELLETS & ENERGY:
WOOD PELLETS AND
BLACK PELLETS

**FOR DRY MATERIAL ONLY**

1 = POLLUTED CHIPS
2 = CLEAN CHIPS

3 = VOLATILE WOOD PARTICLES
4 = HEAVY POLLUTANTS
5 = EXHAUST AIR

M1 = FAN DRIVE
M2 = PULSATORT
M3 = EXCITER

M4 = RECYCLE BELT
M5 = RECYCLE BELT
M6 = ROTARY VALVE OUT



2

4

| MODEL | OVERALL DIMENSIONS mm | | | | | | | | | | | |
|------------|-----------------------|-------|------|------|------|------|-------|------|-----|------|-----|------|
| | A | B | C | D | E | F* | G* | H | I | DN1 | DN2 | DN3 |
| DCC 50 MC | 942 | 5965 | 3390 | 1932 | 1518 | 2287 | 7211 | 500 | 500 | 1120 | 450 | 150 |
| DCC 70 MC | 1524 | 7481 | 3550 | 2480 | 1981 | 1762 | 7909 | 700 | 500 | 1400 | 450 | 150 |
| DCC 100 MC | 2304 | 7590 | 4550 | 2697 | 2230 | 1750 | 8748 | 900 | 500 | 1600 | 500 | 1150 |
| DCC 150 MC | 3038 | 8725 | 5400 | 2800 | 2361 | 1750 | 9605 | 1000 | 500 | 1800 | 640 | 200 |
| DCC 250 MC | 3738 | 10588 | 6140 | 3300 | 2887 | 2186 | 11680 | 1200 | 500 | 2000 | 750 | 200 |

*Dimensions according to needed layout

| MODEL | CAPACITY BULK CHIPS m ³ /h | INSTALLED POWER kW | | | | | | | EXHAUST AIR m ³ /h | WEIGHT APPROX. kg |
|------------|--|--------------------|------|------|------|------|-----|--------|----------------------------------|----------------------|
| | | M1 | M2 | M3 | M4 | M5 | M6 | TOTAL | | |
| DCC 50 MC | 40 | 37 | 0,75 | 4,0 | 0,75 | - | 1,5 | 44,00 | 2000 | 8090 |
| DCC 70 MC | 60 | 45 | 0,75 | 7,5 | 0,75 | 0,75 | 1,5 | 56,25 | 2200 | 11500 |
| DCC 100 MC | 90 | 55 | 0,75 | 15,0 | 0,75 | 0,75 | 1,5 | 73,75 | 2500 | 13710 |
| DCC 150 MC | 130 | 75 | 0,75 | 15,0 | 0,75 | 0,75 | 1,5 | 93,75 | 4500 | 17000 |
| DCC 250 MC | 180 | 132 | 1,10 | 22,0 | 0,75 | 0,75 | 1,5 | 158,10 | 4500 | 21000 |