



**CMC TEXPAN**  
Machinery and Technology

# **DRY CHIP CLEANERS**

**Innovating a well-established concept**





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Chips cleaners represent a well-established category of machinery, the first examples of which were built by CMC TEXPAN in the early 1990s.

They are aimed at cleaning the material flow fed into the machine by removing any possible contaminants whose density is higher than that of the processed wood chips, e.g. stones, sand, metals, rubber, coarser chips and so on.

The principle of operation is based on densimetric separation achieved in a vibratory box. In addition to the vibration of the machine casing, the material flow is hit by a strong, pulsating air flow enhancing the separation effect and providing for further "dry cleaning" of chips.

Heavy pollutants (eg. stones, glass, rubber and plastic) are removed from the material flow, discharged from the machine side and sent to further re-classification, while clean chips are discharged in front of the machine. Light particles and dust are sucked away by a fan and then discharged through a cyclone and a rotary valve.

CMC TEXPAN's dry chips cleaners are specially suitable for PB and MDF chips, as well as for processing recycled wood.



## Advantages:

- high and constant cleaning efficiency;
- very low quantity of rejected wood;
- low maintenance effort and energy consumption.

DRY CHIPS CLEANERS - STANDARD RANGE			
TYPE	Recycled chips throughput m <sup>3</sup> /h	Fresh chips throughput m <sup>3</sup> /h	Installed power kW
PC 50	40	50	45
PC 70	50	70	57
PC 100	80	100	74
PC 150	120	150	94
PC 250	180	220	160





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