Milenyum Conveyor

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TECHNICAL DATASHEET

Chip Centrifuge

Recovers coolant from wet chips and delivers dry chips ready for recycling



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1. Description

Milenyum chip centrifuges separate coolant and cutting oil from wet metal chips. The recovered coolant returns to the coolant system, and the dried chips can be recycled or briquetted more easily and at a higher scrap value.

The centrifuge is compact and robust and can be installed directly after the machine tool's chip conveyor or as part of a central chip processing system. Capacity and dimensions are determined according to the quantity and material of the chips.

2. How it works

Short wet chips are fed into the inlet, for example by a chip conveyor or a chip crusher. Long chips must be crushed first; bar ends and solid parts can be separated with an optional separator. Inside the rotating drum, centrifugal force drives the liquid through a screen while the chips are retained and discharged. The chips are collected in a chip cart or container and the coolant in a tank, from where it can be pumped back to the coolant system.



Figure 1 – Chip centrifuge – drive side

3. Applications

- Directly at the machine tool, after the chip conveyor
- In central chip processing systems together with chip crushers and conveyors
- Before briquetting or recycling the chips

4. Features

- Recovers the coolant and cutting oil held in the chips
- Dry chips – easier to handle, store and recycle
- Wear-resistant screen and drum
- Robust steel construction on vibration-damping mounts
- Inspection cover for easy access to the drum
- Automatic operation, can be integrated into existing chip handling lines

5. Technical data

Capacity	according to chip quantity and material
Feed	short chips – long chips must be crushed first
Discharge	chips into a cart or container, coolant into a tank
Operation	automatic
Design	dimensions and connections to your requirements

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