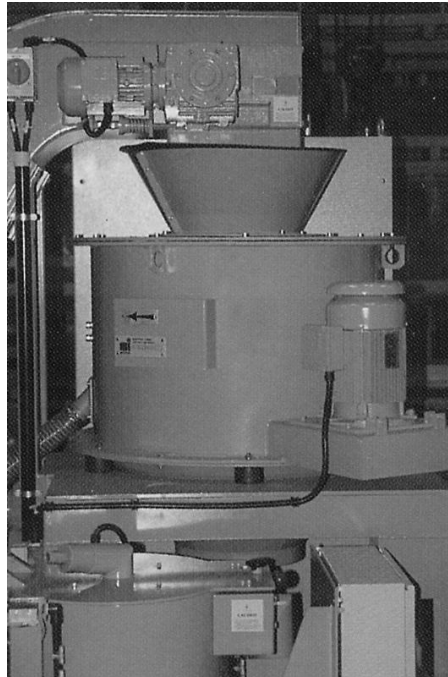


VBU Series Continuous Feed Wringers



For economical chip processing at-the-machine or centralized locations.

The low cost VBU Series Wringer from Mayfran is ideal for medium chip volumes. It offers a solution to handling wet chips in today's machine shops. Dried chips can be safely stored and transported. It also allows the reclaiming of coolant for recycling. VBU wringers come in a range of sizes to handle lower volume at-the-machine applications up to larger units for centralized chip processing. Using a simple gravity discharge design, the VBU Series Wringers are durable and easy to maintain.

VBU Wringers offer:

- Adjustable wringing speed to fit individual applications
- Automatic and continuous operation
- Fewer parts, resulting in lower maintenance
- Rugged, heat treated, one piece drum for longer life
- Smaller-sized units can be conveyor mounted for dedicated machine applications



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VBU Series Wringers

SPECIFICATIONS

Advantages of the VBU-series centrifuges:

- Adjustable centrifuge speed to fit individual requirements
- Automatic and continuous operation
- Minimum number of parts, resulting in smooth running and low maintenance
- Heat treated, one piece long life drum
- Superb de-oiling
- Long lifetime
- Small size
- Low price

Design:

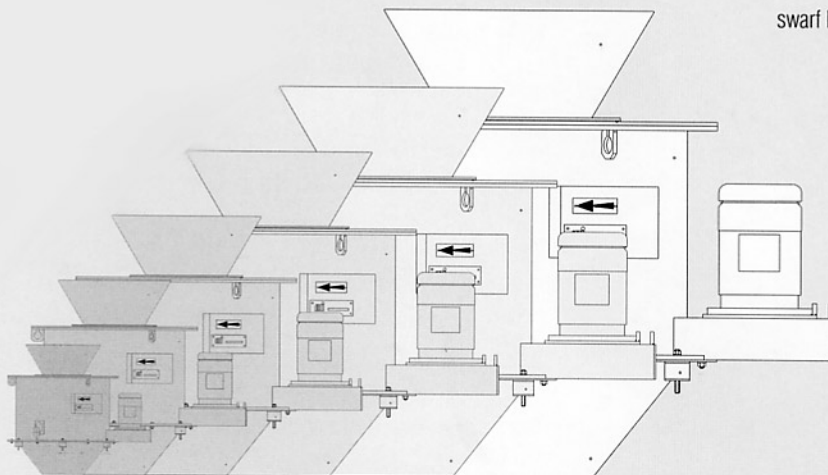
The Mayfran drum is manufactured from one piece of specially heat treated alloy steel, using high precision machining techniques. The main shaft and bearing housing are machined to precise dimensions and tolerances. The bearings are generously sized for maximum reliability.

By adapting the V-belt drive ratio, optimum spinning speeds can be offered to suit individual requirements.

The total assembly is mounted on vibration damping rubbers.

Function:

Small metal chips are continuously and regularly fed into the centrifuges charge funnel by a feeding conveyor. The chips slide into the fast spinning centrifuge drum and are accelerated up to the drums RPM. High G-forces (up to 700 times gravity) drive the chips up the drum's side wall and over the coolant outlet towards the upper edge of the drum. In this process the coolant is wrung off the chips and forced out via the coolant outlet. The dried chips pass over the upper drum edge and are guided via the centrifuge housing and discharge funnel into an extractor conveyor or swarf bin.



VBU 300	VBU 1000	VBU 2000	VBU 3000	VBU 4000	VBU 6000	Type
0,55	1,5	3,0	5,5	7,5	15	Performance / kW
125	350	800	1365	2140	4520	Capacity / kg/h
125	350	800	1365	2140	4520	Steel (Density 1 kg/l)
42	117	267	455	713	1507	Cast Iron (Density 1 kg/l)
						Aluminium (Density 0.33 kg/l)