



Arboga-Darenth Group

ARBOGA-DARENTH COMPACT BLOWER WRINGER TYPE VD40



The smart and easy way to
dry and convey metal swarf

The scope

The Compact Blower wringer type VD40 is part of a range of wringers of Arboga-Darenth. It is intended as a smart and easy solution to dry and convey chips at the "smaller" applications with limited amount of swarf and coolant. In one step it will both dry and convey swarf and collect the recovered coolant in a tank.

The wringer can be placed directly at the cutting machine (after the machine tool conveyor) It will take less space than a normal swarf bin.

The wringer can also be part of a compact swarf processing system incorporating feeding conveyors, bar end separators and additional equipment.

The special centrifugal action will both dry the wet swarf to 1-3% residual dryness at a rate of 100-300 kg/h and convey the swarf with an air stream to a distant container (distance approx. 5-10 metres depending of elevation).

The centrifuge can be supplied without blower outlet.



Operation

Short wet chips with max. length of 20-30 mm are fed into the inlet with a swarf conveyor. Bar ends and long swarf can be screened out with an optional bar end separator.

The swarf enters the centre of the bowl and is moved upwards at a high rotating speed. In the periphery of the bowl there is a wire wedge screen.



Technical data

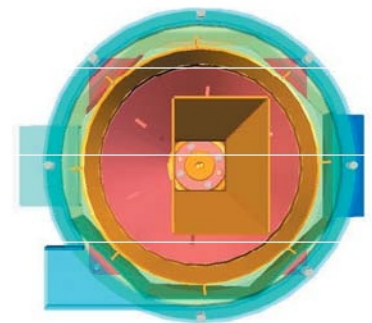
Capacity 100-300 kg/h of swarf depending on operation and feeding.

Residual humidity 2 % by weight.

Floor space 850 x 700 mm.

Feeding height= 950 mm

Ø Exit tube = 75 mm



Accessories

Feeding conveyor and chutes

Bar end separator

Coolant tank

Coolant filter

Tubes for swarf transportation

Controls

Advantages Arboga-Darenth Compact Blower Wringer

Compact and robust

The centrifuge is very compact and robust with minimum floorspace. It will fit under a normal machine tool conveyor. The blowing action eliminates the need for a "bulky" output swarf conveyor.

Flexible

The swarf is continuously removed from the machining area

keeping the working area clean. Absolutely ideal for high-speed swarf removal at machining centres and similar highproductive machines.

Low noise level

Equipped with vibrations mounts makes the wringer silent in operation.