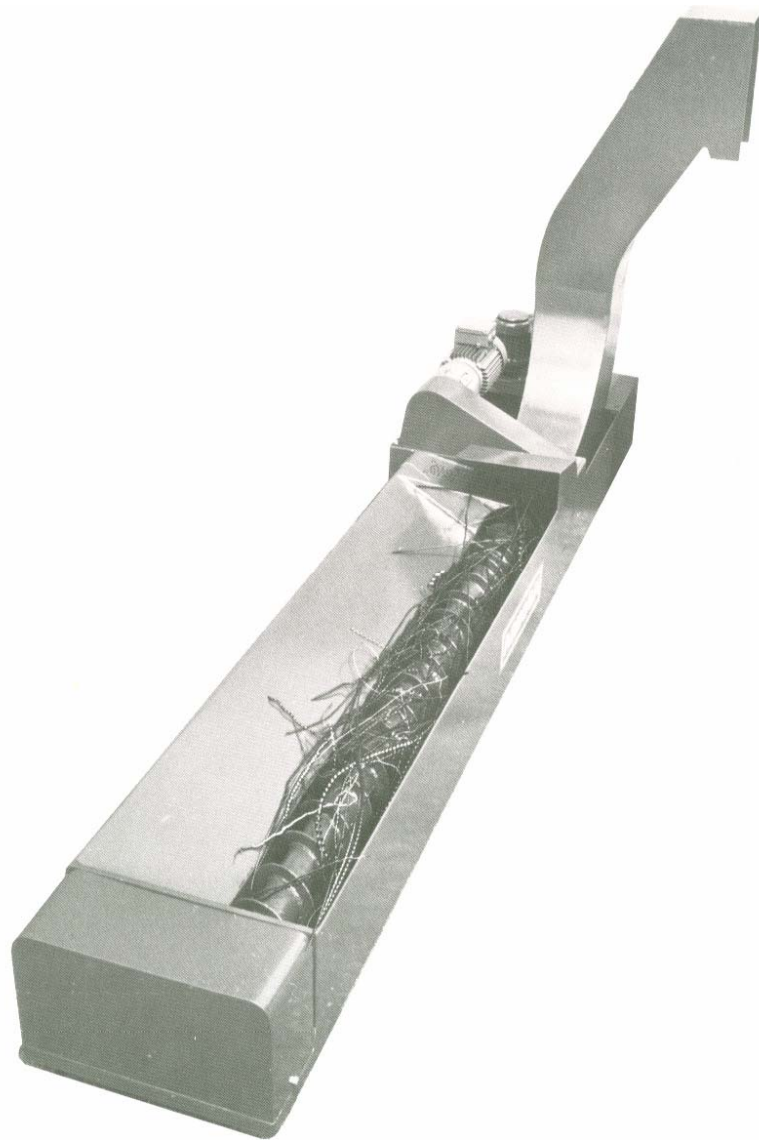




ARBOGA-DARENTH COMPACTVEYOR TYPE TCT



The compacting conveyor

The Compactveyor from Arboga-Da

The Compactveyor is a new concept in the swarf handling field. Three features makes it unique. First, the Compactveyor compresses while conveying. Second, long curly swarf is partly broken down by a crushing tool.

Third, the Compactveyor has multidirectional discharge.

These three features mean cheaper and easier swarf handling.

Lower handling costs

The Compactveyor cuts your costs. The conveyor compresses turnigs down to 30% of original volume, giving easier handling, fewer swarf bins and less in-plant transportation.

Flexible installation and operation

The Compactveyor conveys every type of swarf. Bushy, long, short, wet, dry, ferrous and non-ferrous. Thus there is no problem when you change processed material in the machine tool. The Compactveyor also has superior ability to transport difficult material such as aluminium swarf.

The Compactveyor is easy to install. As the discharge can be designed to discharge up, down, right or left, it will fit in in every machine layout.

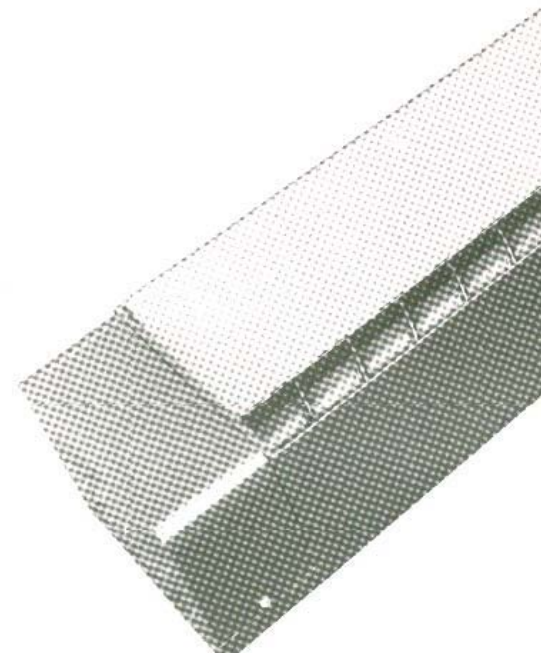
The Compactveyor draws swarf into the trough and then transports it horizontally. The swarf is broken down and compressed in the discharge end.

The Compactveyor consists of trough with horizontal screw, discharge end and drive. As an optional coolant tank 200 - 300 litre with pump (45 l/min) is available.

All parts have been produced and selected for highly reliable operation.

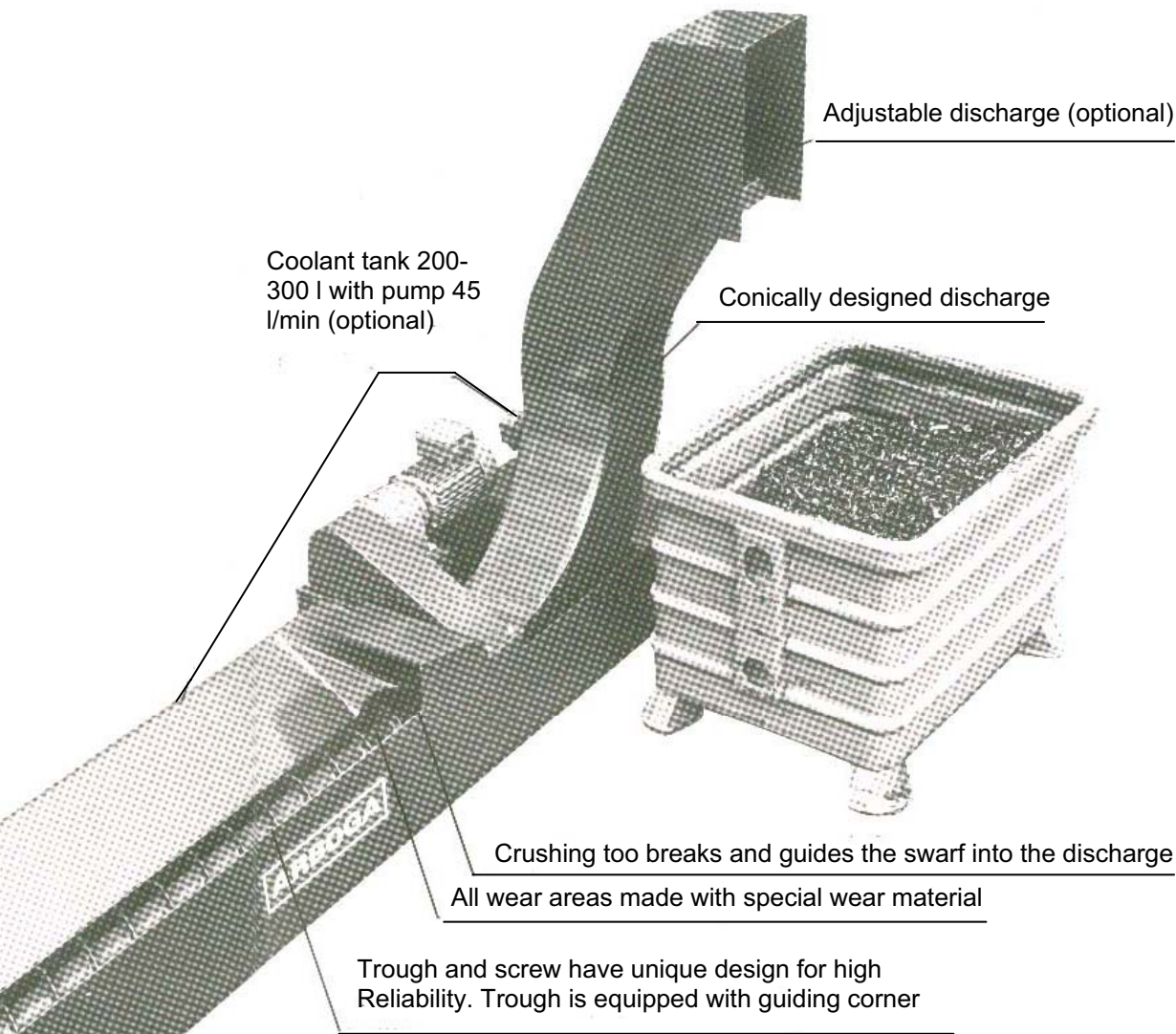
Recovers coolant/cutting oils

Combination of compression and drain-back collets coolant or cutting oils in hopper-sump for reuse.



IMPACTVEYORTYPE TCT

renth cuts your chip handling costs



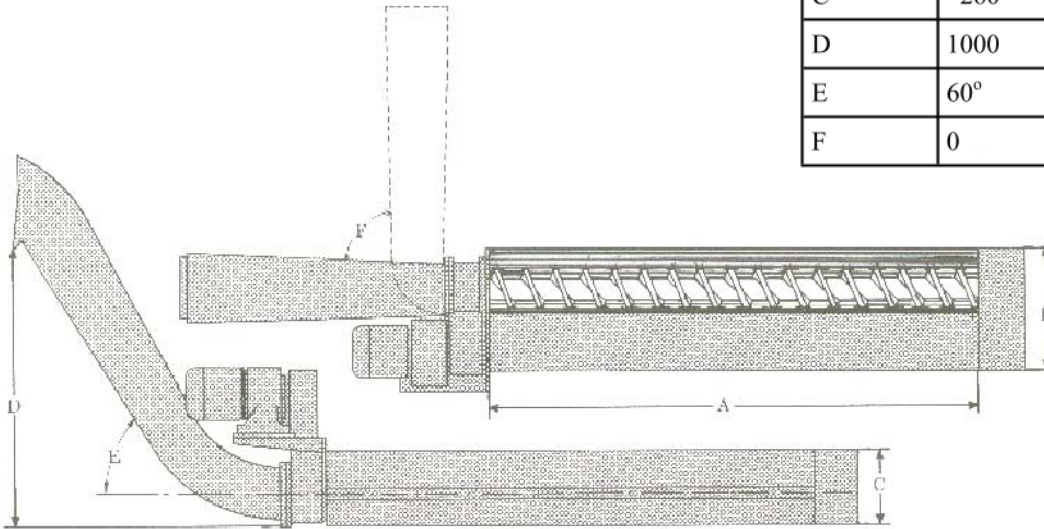
Size reduction
30% of original volume



Compactveyor

Compactveyors for machine tools

	Standard	Min	Max
A	1900	500	5000
B	420	250	1000
C	260	180	-
D	1000	-	1200
E	60°	-	90°
F	0	-90°	90°



Use

All types of swarf:

- Steel, cast-iron, non-ferrous and plastics
- Short, long and bushy
- Wet and dry

Capacity

Dependant upon size and screw speeds, but for standard unit:

- Short chips, i.e. cast-iron, max 1 ton/h
- Long turnings and borings (steel), max 600 kg/h

Other equipment from Arboga-Darenth

Swarf transport and recycling systems

Arboga-Darenth can offer compact units and fully automatic systems which can turn swarf and coolant oil into a profitable and environmentally clean process for both small and large companies. We manufacture a complete range of swarf and coolant handling equipment including crushers, centrifuges, conveyors and filters. With our broad module designed product program we have the flexibility to meet the most varied requirements and conditions at competitive prices.

Coolant clarification

Disposal of coolant gives a high cost and an environmental problem within the engineering industry. By cleaning the coolant you can improve the tool-life as well as the life and functions of the coolant and improve the working environmental.

Arboga-Darenth has the coolant clarification system for you!

- Central system
- Clarification and oil separation for single machine tools
- Mobile units

