



Arboga-Darenth Group

# ARBOGA-DARENTH

## STEEL BELT CONVEYOR

### TYPE TL2M



Modular design  
Extra strength  
Long lifetime

Swarf Handling Coolant Handling Tramp Oil Separation Oil Mist Separation



# Modular built conveyor - a new concept

The conveyor type TL2M from ARBOGA-DARENTH is designed around a new concept based on many years of experience of design and manufacture of hinged belt conveyors. The aim has been to design a conveyor with maximal lifetime and minimal service requirement. The conveyor is equipped with replaceable wear parts in bends and tail ends. These parts can easily be replaced if needed. You will get a conveyor with almost unlimited lifetime! Conveyors are built from standard modules to suit application and available space.

Important innovations:

The conveyor has casted bends in wear resistant material - both the lower and upper bend. The bends are bolted and are easy to replace

The tail end has also a wear resistant casted parts. Bolted and easy to replace. The bends and the tail end are made to give optimal guidance for the belt travel.

The bends and tail end are bolted into the frame and are watertight.

## Belting

The conveyor from ARBOGA-DARENTH type TL2M are equipped with hinged belts with pitch 2½". Standard belt widths are 6 - 60" (152 - 1524 mm).

## Use in machine tools

The conveyor is modular designed and can be tailor made to fit any machine tool.

The measure for the lower horizontal length, exit height, conveyor width and sidewalls can be chosen to fit the machine and for optimal use and operation. Elevation angle are selectable 30, 45 or 60 degree.

- Coolant tank
- Pump
- Filter
- Shrouds
- Controls to run intermittent
- Wear plates (Hardox)

## Use in systems

The ARBOGA-DARENTH hinged belt conveyor are used in swarf handling and processing systems. Such system can also include crushers and wringers to form complete plant wide handling systems to convey and process swarf.

All conveyors and machines are ARBOGA-DARENTH design and manufacture. The products are designed to fit each other for optimal function and capacity.

- Receiving hoppers
- Coolant tanks
- Level controls
- Adjustable shrouds and side walls
- Controls
- Support

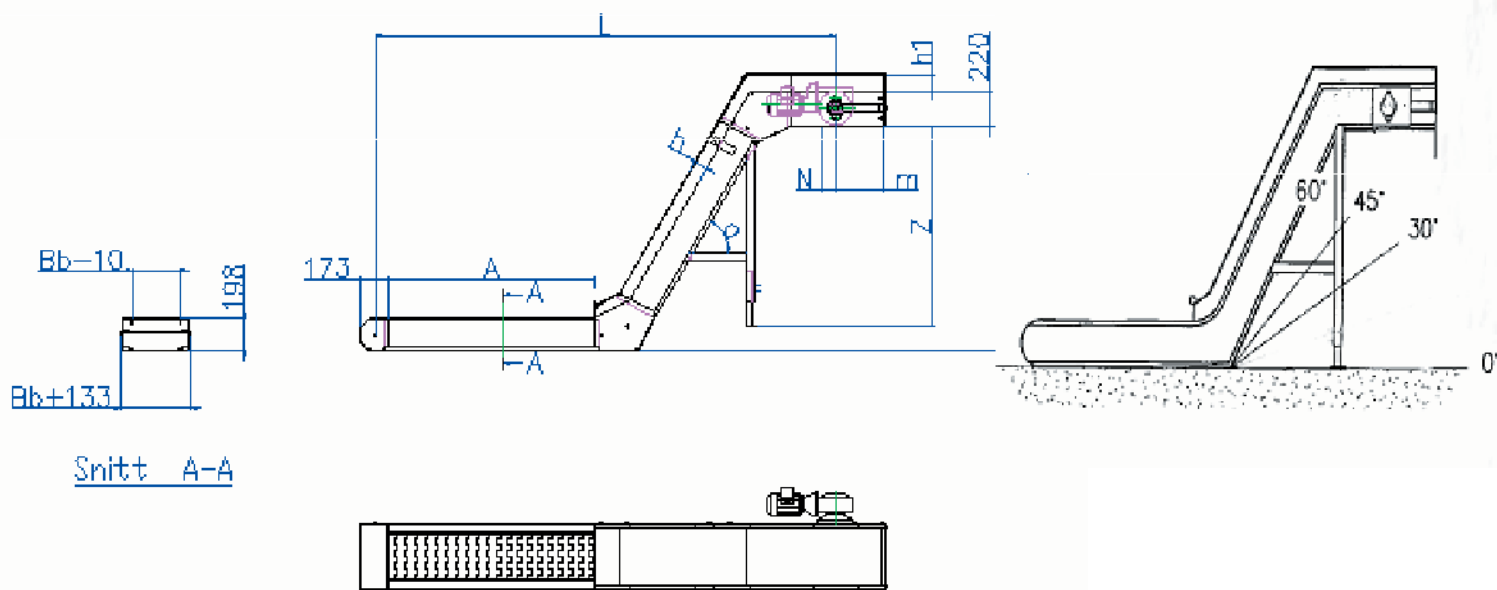


**In machine tools**



**In systems**

## Dimensions



Frame width (Rb)	Bb + 133 mm
Inlet opening (I)	Bb - 10 mm
h/h1 Side wall height	80/100 alt 150/170
Selectable measures	H, Z, A, L

Belt pitch (bd)	2½"63,5 mm)
Belt width (bb)	152, 229, 305, 457, 610, 762, 914, 1067, 1219 och 1524
Total width	Bb + 88mm
TBelt plate thickness	2,5 mm
Side wing height	40 mm
Wheel dia Ø R	39,7 mm
Shaft dia Ø D	12,7 mm

## Other products from Arboga-Darenth

### Swarf Handling and Processing

Arboga-Darenth can offer products and systems, which turns the handling of swarf and coolant into a profitable and environmental friendly process - for small and big companies.

We supply turnkey plants as well as single products like crushers, wringers, conveyors and filters. With our modular designed product program, we have the flexibility to meet all demands at competitive prices.

### Coolant Filtration and Separation

The coolant has a major impact on manufacturing costs and the environment. A proper handling and cleaning of the coolant increase the tool life, the life of coolants and improves the environment.

Arboga-Darenth supplies:

- Central systems
- Filtration and separations solutions for individual machines
- Mobile units.