



## DHR SCRAPER CHIP CONVEYORS

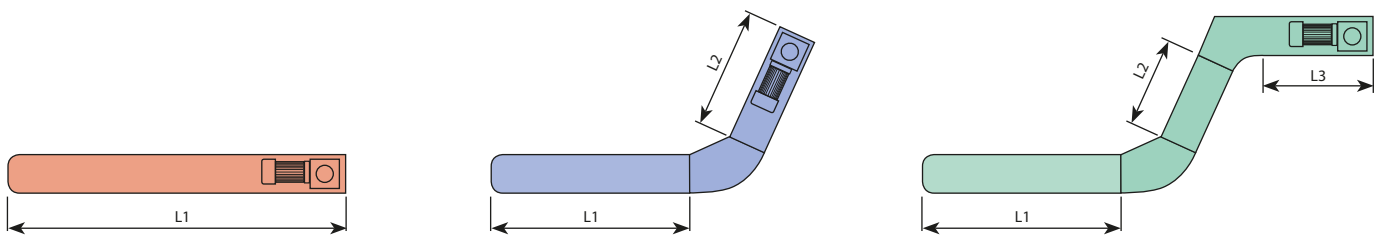
Scraper chip conveyors are designed for transport of fine broken chips, needle chips and short steel chips. It is particularly well suited for aluminium, aluminium alloys and non-ferrous metal swarf generated by metal cutting operations. In order to separate the fine particles from coolant, scraper conveyors are fitted with coolant sludge discharge slot filter or combined with the drum filter. Scraper conveyors can be used for transport of loose material. It is unsuited for conveying clots of bulk metal chip swarf.

Scraper chip conveyors are available in three different dimensions of the pitch:

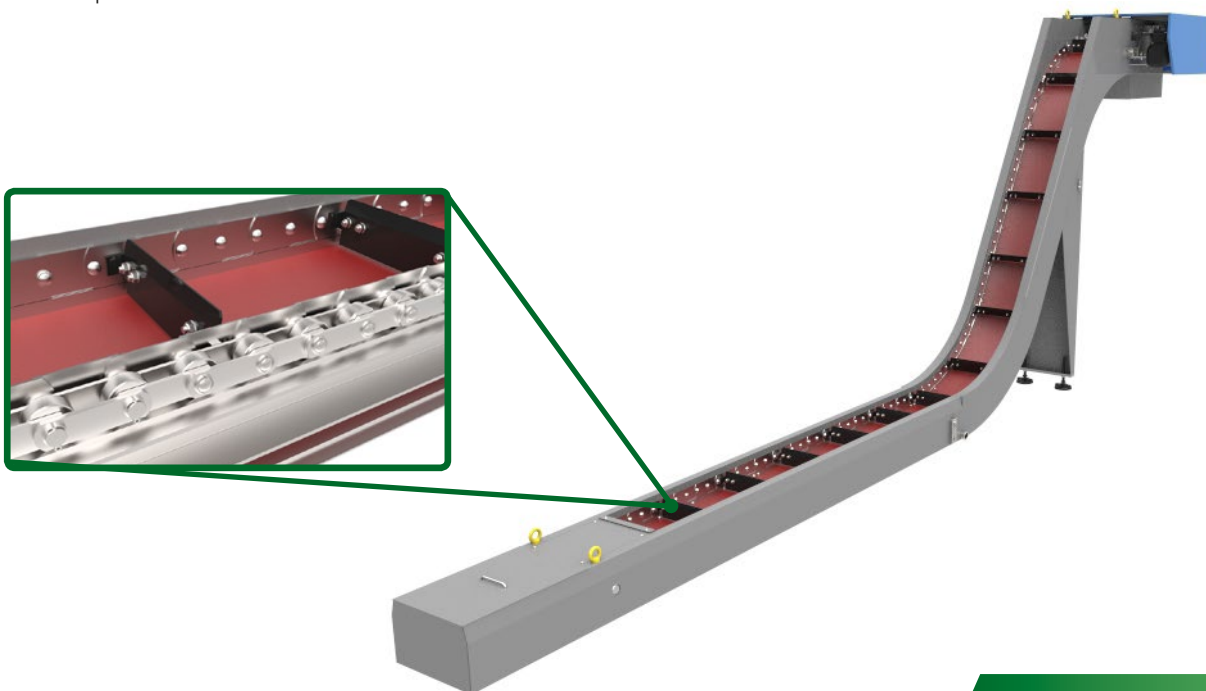
- For lightweight industrial processing with the pitch of  $t=40$
- For moderate weight industrial processing with the pitch of  $t=63$

We fabricate the conveyors in three forms:

- direct conveyor
- steep 1 angle conveyor
- steep 2 angle conveyor

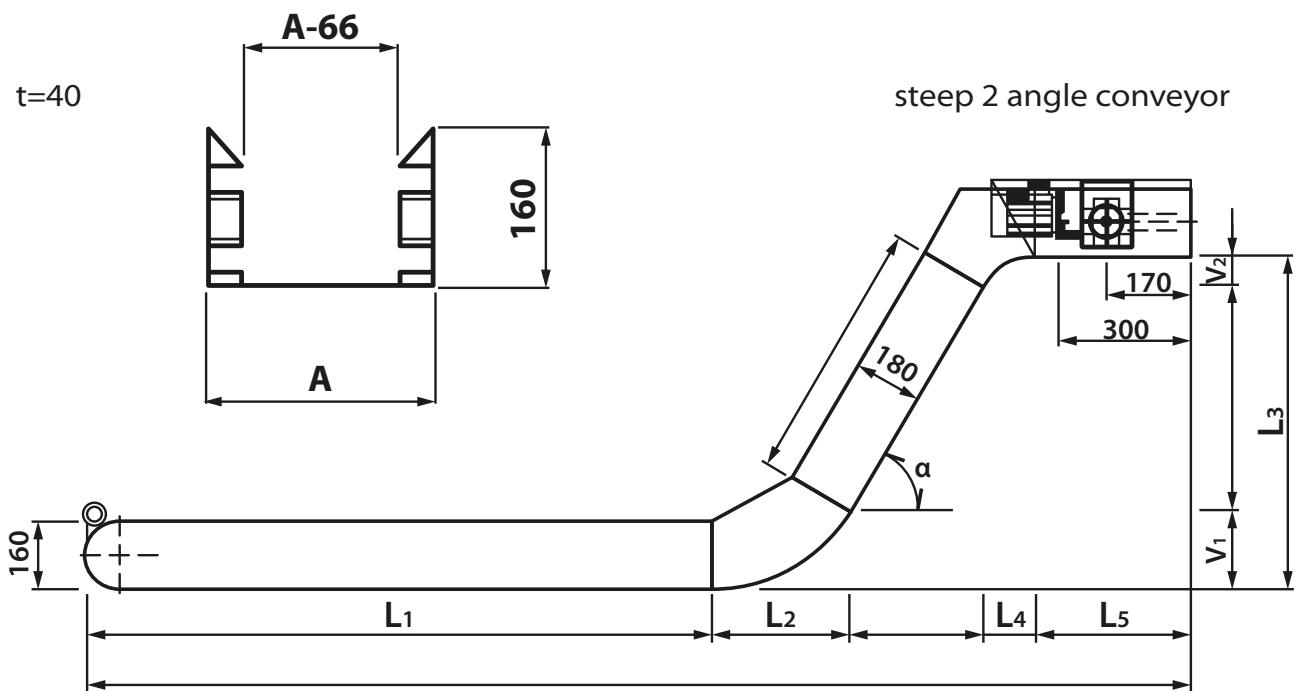


Choosing the right solution for conveying material it's important to choose the form of the conveyor according to the schematic drawing showed in this Product Overview Map. The drawings show the key dimensions. The customer completes the Inquiry Form and enters the required dimensions L1 and L3.



### Technical description:

- **A** - Width of the case
- **A 66** - Width of the loading section of the conveyor
- Proportions of the case are optional
- The angle  $\alpha$ , in exceptional instance, can be to an extent of max. 70°
- The motor drive of the conveyor is situated in line with the direction of forward momentum of the chips. P on the right hand side, L on the left hand side



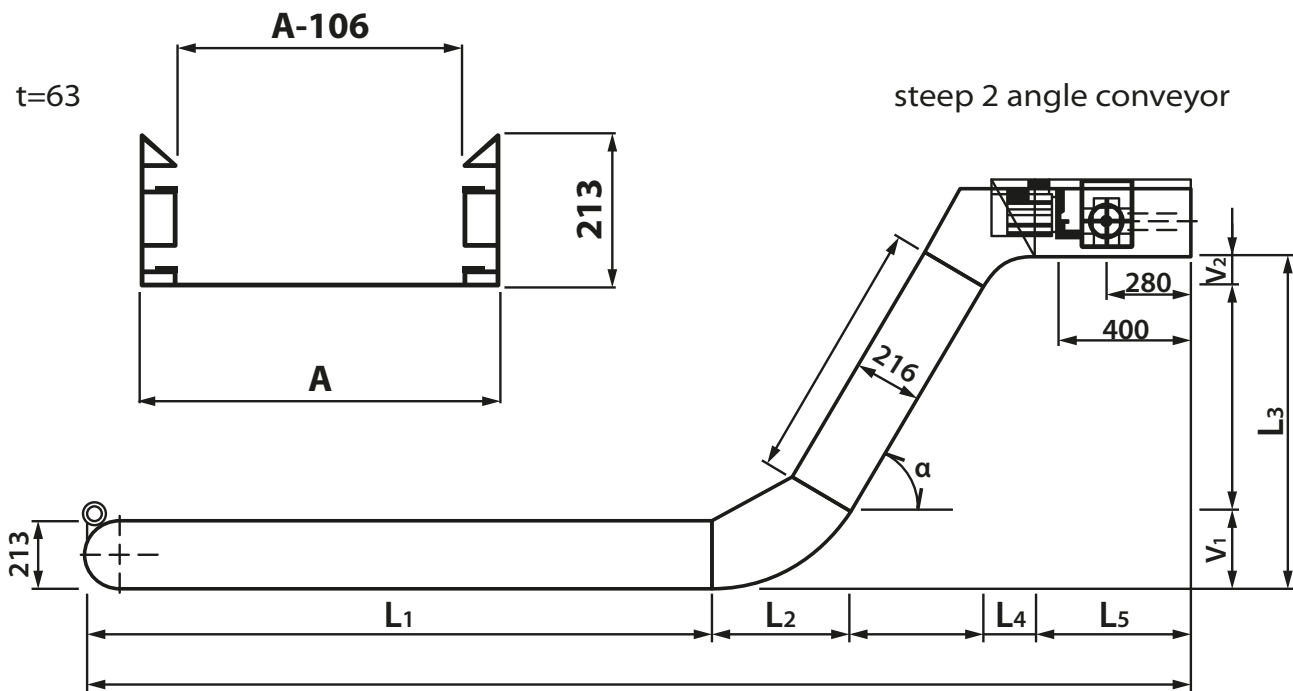
**DIMENSIONS ARE STATED IN DEGREES AND mm**

$\alpha$	L2	V1	L4	V2	L5 min
30°	303	81	194	52	350
45°	382	158	227	94	350
60°	439	254	248	143	350



Technical description:

- **A** - Width of the case
- **A 106** - Width of the loading section of the conveyor
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DIMENSIONS ARE STATED IN DEGREES AND mm

$\alpha$	L2	V1	L4	V2	L5 min
30°	285	69	101	27	595
45°	364	151	142	59	595
60°	446	258	174	101	595



# DHR DOUBLE-DECKER

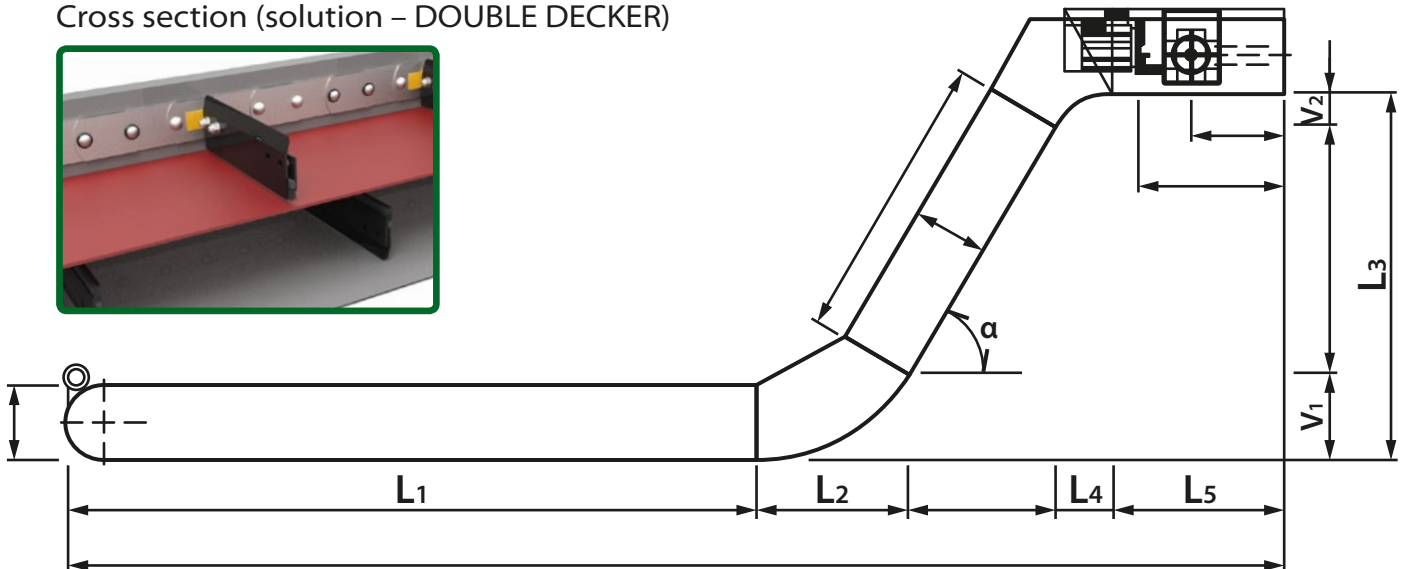
This special type of chip conveyor has been developed for metal scrap originating by machining operations, such as short metal chips, turnings and swarf regardless if the material is steel, aluminium, alloys or nonferrous metal.

### Technical description:

- The angle  $\alpha$ , in exceptional instance, can be to an extent of max. 70°
- The motor drive of the conveyor is situated in line with the direction of forward momentum of the chips. P on the right hand side, L on the left hand side

The dimensions of the conveyor are optional and conforming to customer's requirements and needs.

### Cross section (solution – DOUBLE DECKER)



### DIMENSIONS ARE STATED IN DEGREES AND mm

$\alpha$	L2	V1	L4	V2	L5 min
30°	303	81	194	52	350
45°	382	158	227	94	350
60°	439	254	248	143	350

### DIMENSIONS ARE STATED IN DEGREES AND mm

$\alpha$	L2	V1	L4	V2	L5 min
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