

## Metallic belt conveyors



### OPERATING

Metallic belt conveyors are used for the transport of chips and metal waste. The liquid and chips flows on the horizontal part of the carpet. The liquid is recovered at the bottom of the conveyor, and the chips are taken along by bars in the bucket. The liquid is recovered by openings on the side or at the bottom of the conveyor.

The belt conveyors can be also used in other fields (ex: sheet falls, parts...). There are various sizes of carpet: pitch 40, pitch 65, pitch 125, according to the section and the nature of the chips.

### COMPOSITION

- The structure is folded sheet steel and welded bars. For safety, a bonnet cover is placed on the inclined part of the conveyor and a chute of exit is bolted on the head of the conveyor.
- The metallic belt is composed of two chains with metal rollers connected by plates, the whole assembled by axes pinned at the ends.
- A motor gear, with torque limiter, ensures the drive of the carpet

The conveyors can be equipped with :

- adjustable foot support
- chute on horizontal part
- electric safety
- mechanical safety
- tank of liquids recovery
- lifting pump

TECHNICAL DATA

| Pas | Width (mm) |     |     |     |     |     |     |     |     |     |     |     |      |      |      |      | A                 | B  | C   | F  | H            | L | a |
|-----|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|-------------------|----|-----|----|--------------|---|---|
| 40  | D          | 100 | 125 | 150 | 175 | 200 | 225 | 250 | 275 | 300 | 350 | 400 | 450  | 500  | 550  | 600  | 140<br>(125 mini) | 20 | 190 | 13 | On<br>demand |   |   |
|     | E          | 165 | 190 | 215 | 240 | 265 | 290 | 315 | 340 | 365 | 415 | 465 | 515  | 565  | 615  | 665  |                   |    |     |    |              |   |   |
| 65  | D          | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 700  | 750  | 800  | 850  | 230<br>(210 mini) | 30 | 300 | 0  |              |   |   |
|     | E          | 253 | 303 | 353 | 403 | 453 | 503 | 553 | 603 | 653 | 703 | 753 | 803  | 853  | 903  | 953  |                   |    |     |    |              |   |   |
| 100 | D          | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 700 | 750 | 800 | 850  | 900  | 950  | 1000 | 340<br>(310 mini) | 50 | 430 | 0  |              |   |   |
|     | E          | 440 | 490 | 540 | 590 | 640 | 690 | 740 | 790 | 840 | 890 | 940 | 990  | 1040 | 1090 | 1140 |                   |    |     |    |              |   |   |
| 125 | D          | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 700 | 750 | 800 | 850  | 900  | 950  | 1000 | 550<br>(450 mini) | 60 | 550 | 0  |              |   |   |
|     | E          | 474 | 524 | 574 | 624 | 674 | 724 | 774 | 824 | 874 | 924 | 974 | 1024 | 1074 | 1124 | 1174 |                   |    |     |    |              |   |   |

