

T44 / T45 Chain conveyor

Chain conveyor type T44/T45 is made up of standard elements which, when correctly combined, can easily be fitted into any conveying installation.

The JEMA AGRO chain conveyor is made in galvanised material, which makes it particularly suitable for outdoor applications. The T44/T45 chain conveyor is designed for transportation of grain, granulates, and other bulk goods. A quality roller chain fitted with rubber carriers ensures that all material transport is conducted quietly, safely, and effectively.

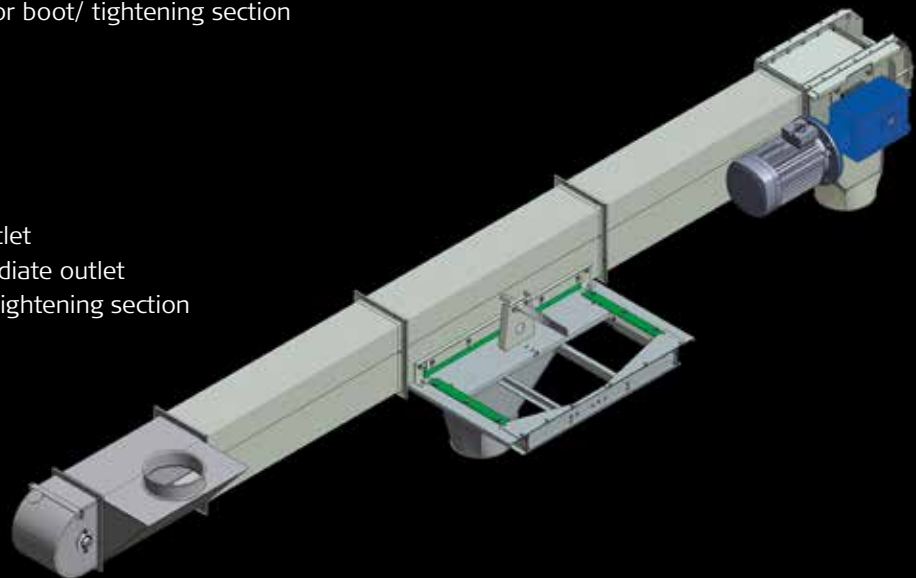
The chain conveyor works effectively in both a horizontal position and at an upward angle of up to 10° and has low power consumption in relation to its capacity. As regards capacity, the conveyor is designed for transporting materials from a JEMA chain elevator to storage or to a JEMA belt conveyor.

Standard equipment:

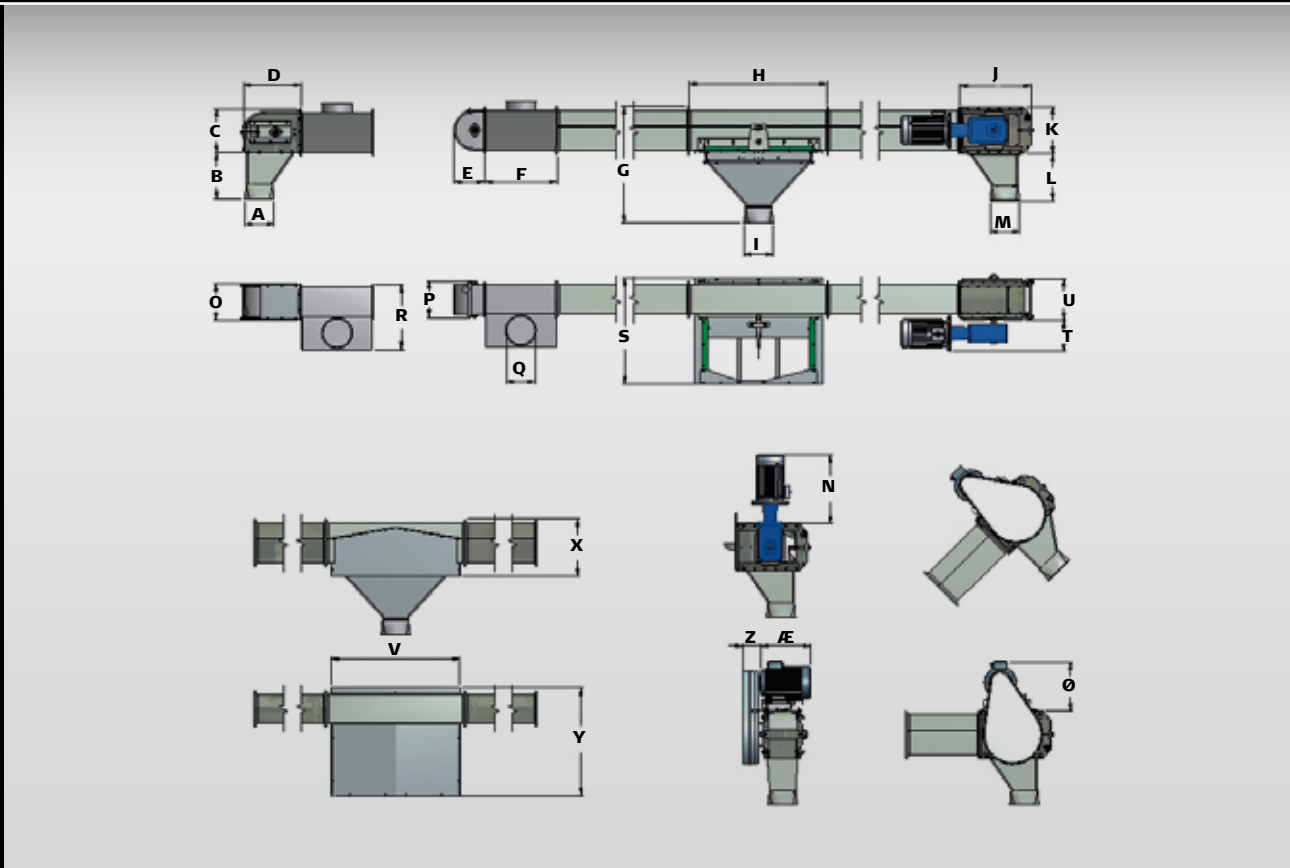
- Directly mounted gear motor
- Torque arm for shock absorption
- Outlet hopper 90°
- Rubber carriers
- Extension 2,5 m with inspection cover
- Elevator boot/ tightening section
- Drive station with tensioner
- Inspection cover in elevator boot/ tightening section
- Side inlet

Accessories:

- Motor with v-belt pulley
- Intermediate outlet
- Cover for intermediate outlet
- Outlet hopper for intermediate outlet
- Shutter for drive station/ tightening section
- Cover for geared motor
- Wire suspension
- Speed control monitor



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Dimensions T44/T45:

| | A | B | C | D | E | F | G | H | I | J | K | L | M | N |
|-----|-------|-----|-----|-----|-----|-----|-----|-----|-------|-----|-----|-----|-------|-----|
| T44 | SK200 | 330 | 300 | 400 | 215 | 500 | 805 | 960 | SK200 | 500 | 328 | 330 | SK200 | 580 |
| T45 | SK200 | 330 | 300 | 400 | 215 | 500 | 805 | 960 | SK200 | 500 | 328 | 330 | SK200 | 580 |

| | O | P | Q | R | S | T | U | V | X | Y | Z | Æ | Ø |
|-----|-----|-----|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| T49 | 190 | 190 | SK200 | 375 | 670 | 210 | 225 | 890 | 400 | 750 | 100 | 420 | 405 |
| T57 | 250 | 230 | SK200 | 440 | 730 | 210 | 285 | 890 | 400 | 750 | 100 | 420 | 405 |

Technical specifications:

| | T44 | T45 |
|---|----------------------|----------------------|
| Capacity based on 750 kg/m ³ (wheat) t/h | 30 t/h | 60 t/h |
| Capacity m ³ /h | 40 m ³ /h | 80 m ³ /h |
| RPM | 180 o/m | 180 o/m |
| Chain speed | 1,1 m/s | 1,1 m/s |
| Pitch on chain | 41,4 mm | 41,4 mm |
| Tensile strength(Dynamic) | min. 17,8 kN | min. 17,8kN |
| Carrier, material | Rubber | Rubber |
| Plate thickness, drive station | 3 mm | 3 mm |
| Plate thickness, boot/ tightening section | 3/1,5 mm | 3/1,5 mm |
| Plate thickness extension | 1,5 mm | 1,5 mm |