

## T49 / T57 Intake conveyor

**Intake conveyor type T49/T57 is made up of standard elements which, when correctly combined, can easily be fitted into any conveying installation.**

The JEMA AGRO intake conveyor is made in strong galvanised material, which makes it particularly suitable for outdoor applications. The intake conveyor is available in a horizontal design or with a 30° bend. It works effectively in both versions and has low power consumption in relation to its capacity.

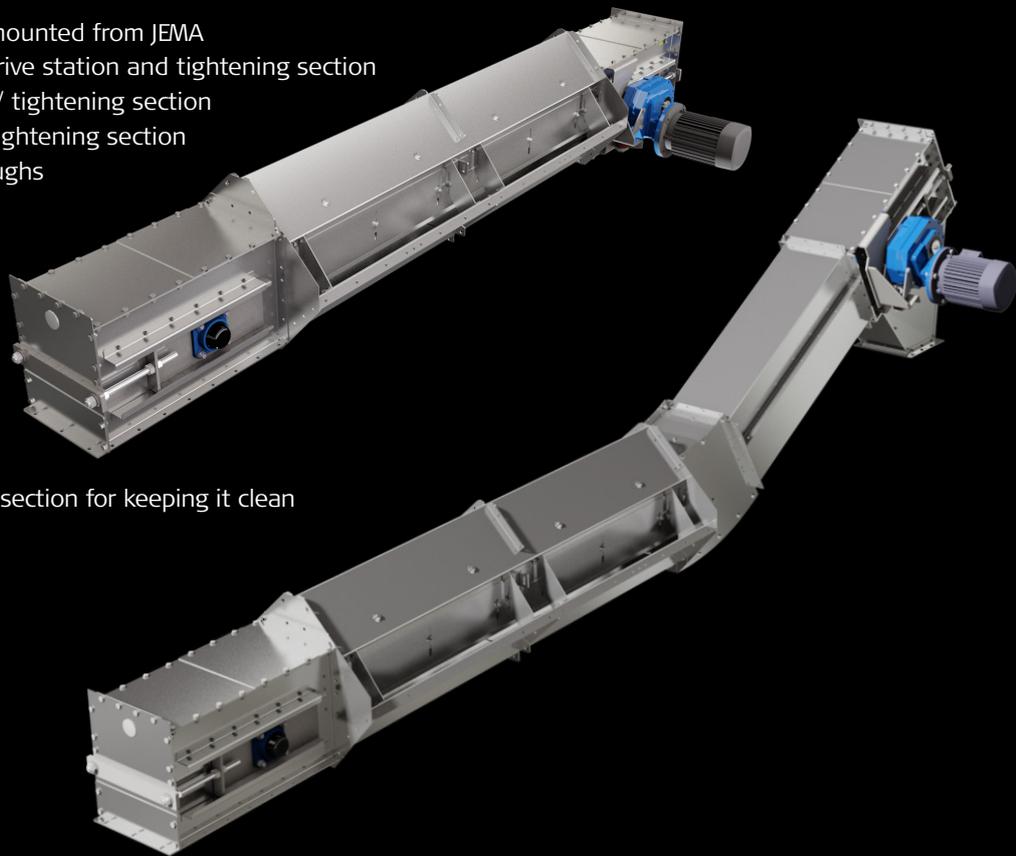
The T49/T57 intake conveyor is designed for transportation of grain, granulates, and other bulk goods. A steel chain fitted with synthetic carriers ensures that all material transport is conducted quietly, safely, and effectively. The capacity can be regulated steplessly from full capacity down to approx. 40% of capacity. As regards capacity, the intake conveyor is designed for transporting materials from a JEMA Dry Pit to a JEMA bucket elevator.

### Standard equipment:

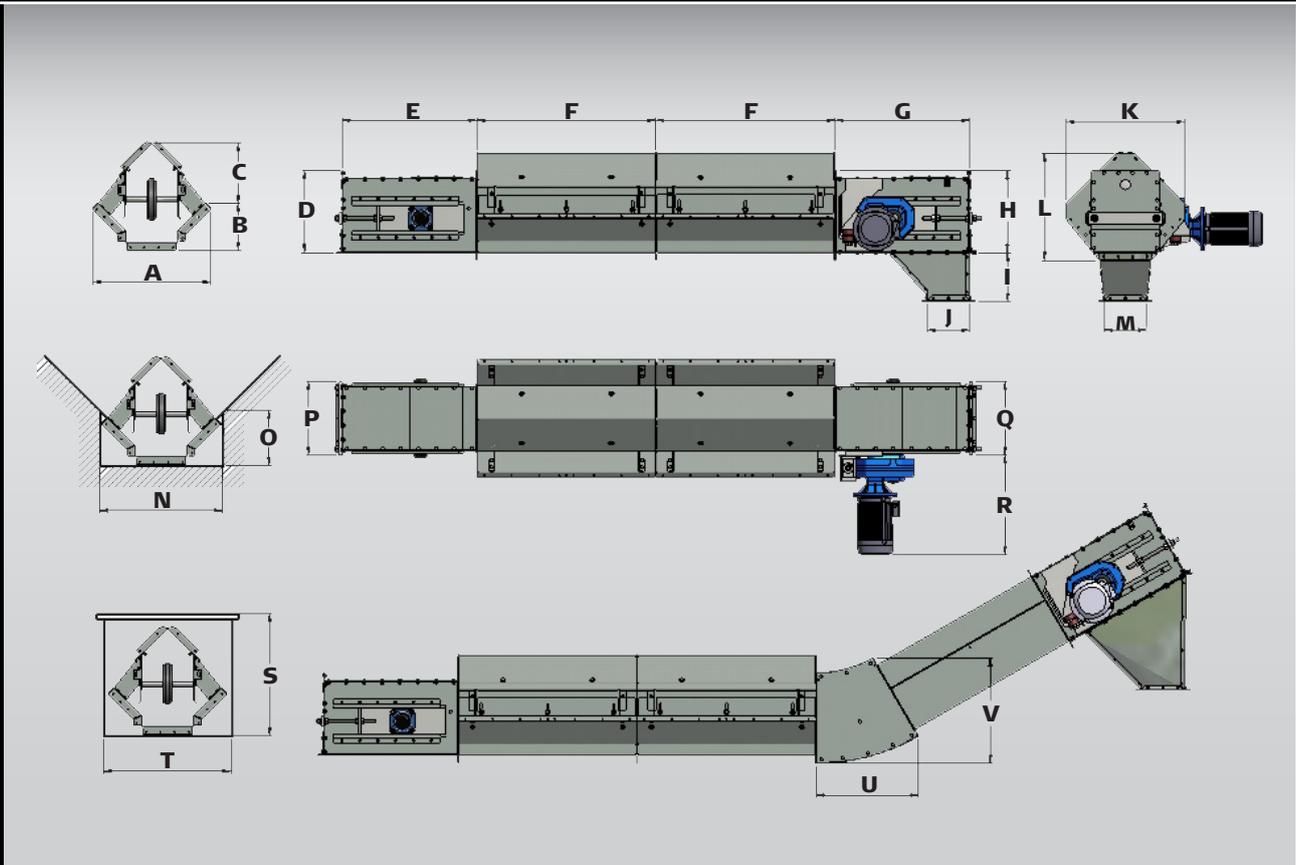
- Directly mounted gear motor
- Torque arm for shock absorption
- Outlet hopper for drive station
- Plastic carriers will be delivered mounted from JEMA
- Tightening possibilities in both drive station and tightening section
- Inspection cover in drive station / tightening section
- Cleaning hatch in drive station/ tightening section
- Adjustable plates in the inlet troughs

### Accessories:

- Bend 30°
- Outlet hopper 30°
- Blockits sensor
- Tipping hopper
- Dry Pit
- Cover for geared motor
- Adjustable endplate in tightening section for keeping it clean



# T49 / T57 Intake conveyor



## Dimensions T49/T57:

|     | A   | B   | C   | D   | E   | F    | G   | H   | I   | J   | K   | L   | M   | N   |
|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|
| T49 | 670 | 260 | 340 | 465 | 750 | 1000 | 750 | 465 | 290 | 240 | 670 | 605 | 240 | 690 |
| T57 | 780 | 260 | 340 | 465 | 750 | 1000 | 750 | 465 | 290 | 300 | 780 | 660 | 300 | 800 |

|     | O   | P   | Q   | R<br>3,0 kW | R<br>4,0 kW | R<br>5,5 kW | R<br>7,5 kW | R<br>11 kW | R<br>15 kW | S   | T   | U   | V   |
|-----|-----|-----|-----|-------------|-------------|-------------|-------------|------------|------------|-----|-----|-----|-----|
| T49 | 310 | 400 | 400 | 550         | 585         | 620         | 650         | 730        | 780        | 680 | 690 | 580 | 595 |
| T57 | 310 | 510 | 500 | 550         | 585         | 620         | 650         | 730        | 780        | 740 | 800 | 580 | 595 |

## Technical specifications:

|   | T49                   | T57                   |
|---|-----------------------|-----------------------|
| Capacity based on 750 kg/m <sup>3</sup> (wheat) t/h | 105 t/h               | 150 t/h               |
| Capacity m <sup>3</sup> /h                          | 140 m <sup>3</sup> /h | 200 m <sup>3</sup> /h |
| RPM   | 45/60 o/min           | 45/60 o/min           |
| Chain speed   | 0,79/0,99 m/s         | 0,79/0,99 m/s         |
| Pitch on chain                                      | 125 mm                | 125 mm                |
| Tensile strength                                    | 118 kN                | 118 kN                |
| Carrier, material                                   | PEHD 1000             | PEHD 1000             |
| Sprocket wheel, teeth                               | 8 stk.                | 8 stk.                |
| Plate thickness, drive station                      | 3 mm                  | 3 mm                  |
| Plate thickness, tightening section                 | 3 mm                  | 3 mm                  |
| Plate thickness, extension                          | 3 mm                  | 3 mm                  |