

# INTAKE CONVEYOR

## TYPE T49 / T57



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.

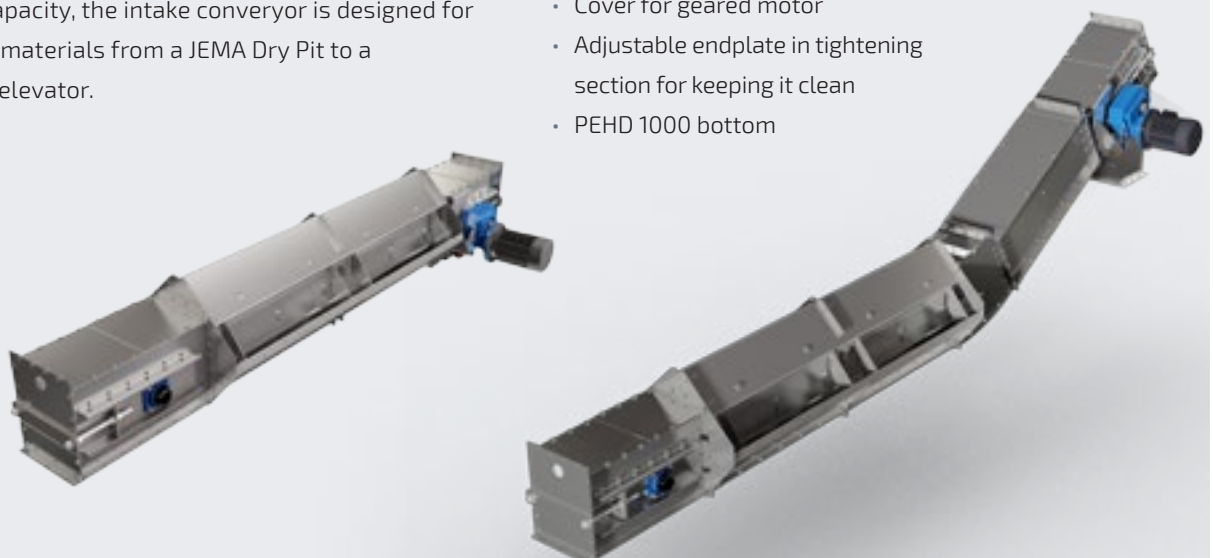
The intake conveyor T49/T57 is designed for industrial transport of grain, granulates, and other bulk goods. A steel chain fitted with synthetic carriers ensures that all material transport is conducted quietly, safely, and effectively. The capacity can be regulated steplessly from full capacity down 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:

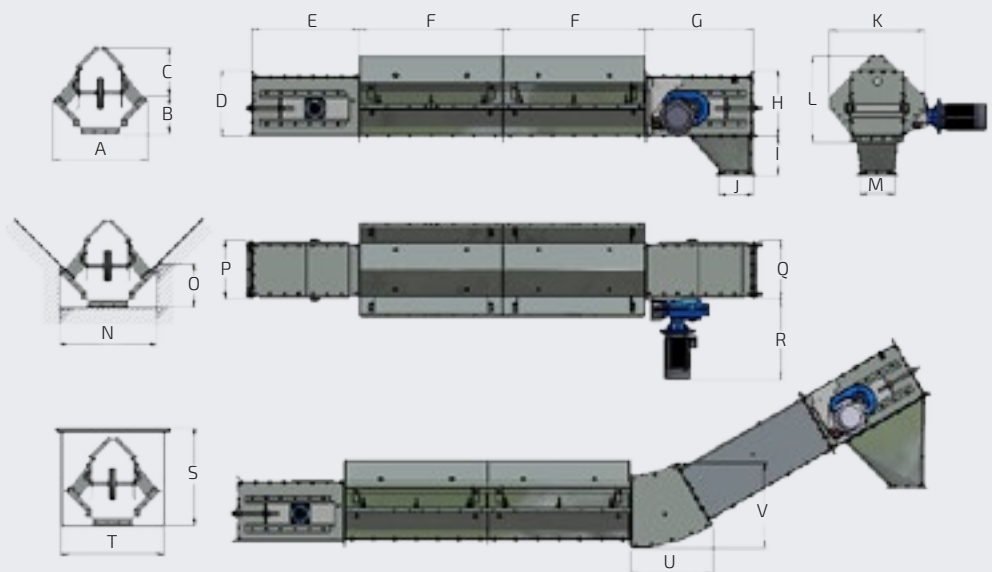
- Directly mounted gear motor
- Torque arm for shock absorption
- Outlet hopper for drive station
- Plastic carriers will be delivered mounted from JEMA
- Tightening possibilities in both drive station and tightening section
- Inspection cover in drive station / tightening section
- Cleaning hatch in 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
- PEHD 1000 bottom



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## Dimensions T49/T57:

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
T49	670	260	340	464	753	1000	753	464	275	240	670	605	240	690
T57	780	260	340	464	753	1000	753	464	275	300	780	660	300	800

	O	P	Q	R 3,0 kW	R 4,0 kW	R 5,5 kW	R 7,5 kW	R 11 kW	R 15 kW	S	T	U	V
T49	310	400	414	550	585	620	650	730	780	680	690	580	595
T57	310	510	524	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
Rotation speed	45/60 RPM	45/60 RPM
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 pcs	8 pcs
Plate thickness, drive station	3 mm	3 mm
Plate thickness, tightening section	3 mm	3 mm
Plate thickness, extension	3 mm	3 mm

