

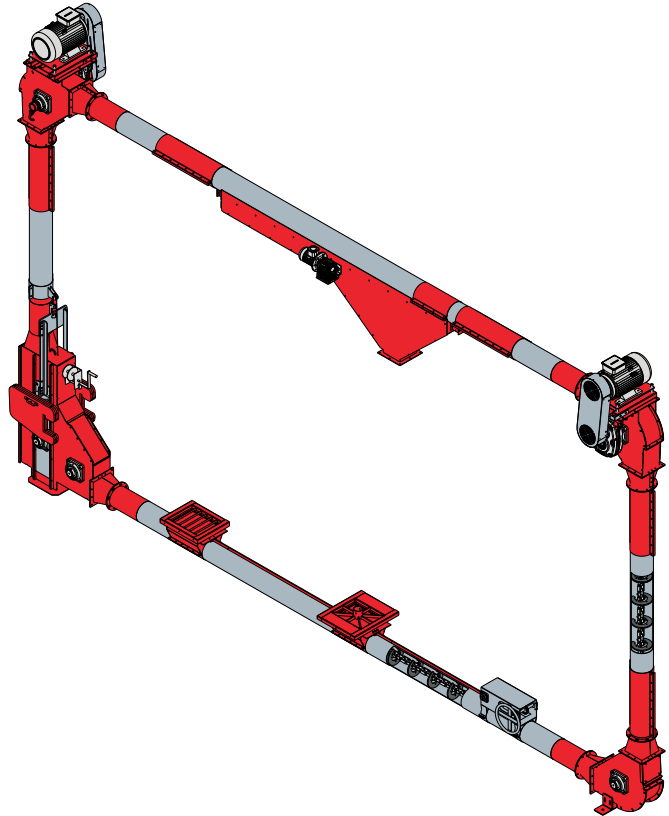
## TUBE CONVEYOR ( L MODEL )

Maxporter L model tube conveyors are durable, long-lasting and of high quality.

L model tube conveyor can be used in loading and unloading processes.

The motor connections are in the form of Coupled Connection (Model A) or Belt & Pulley (Model K) connection.

Maxporter tube conveyors are environment-friendly and comply with occupational health and safety rules.



### PRODUCT FEATURES

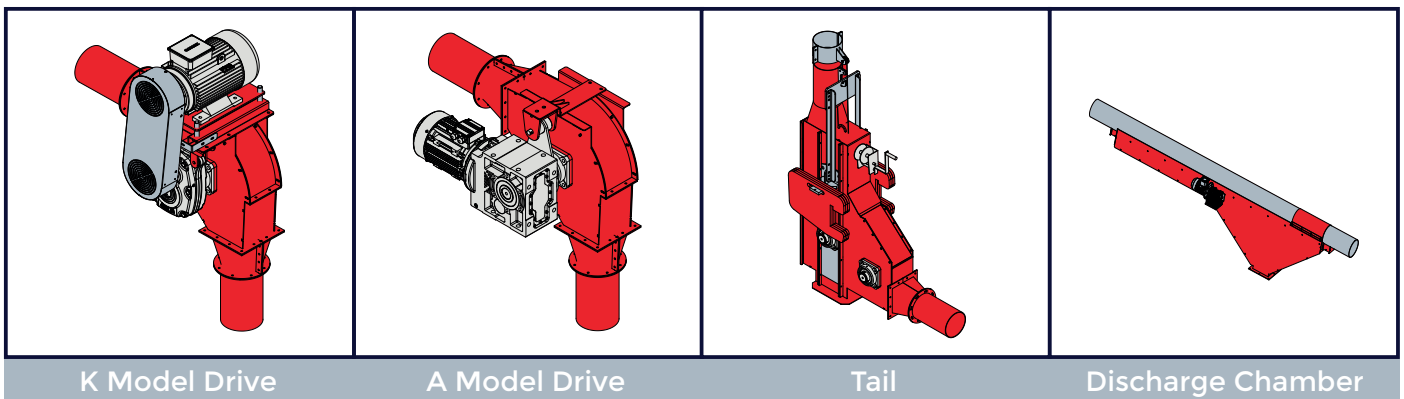
Sube conveyors for pipes, that are in the tube conveyor system, painted. It has a modular and standard construct. Conveying process is operated by Chain and Pallet. Since Tube Conveyors are modular and standardized, spare parts supply and technical service are easy.

#### STANDARD EQUIPMENTS:

- K Model Drive
- Belt, Pulley and Casing
- Inlet Chamber
- RPM Sensor
- Discharge Chamber

#### OPTIONAL EQUIPMENTS:

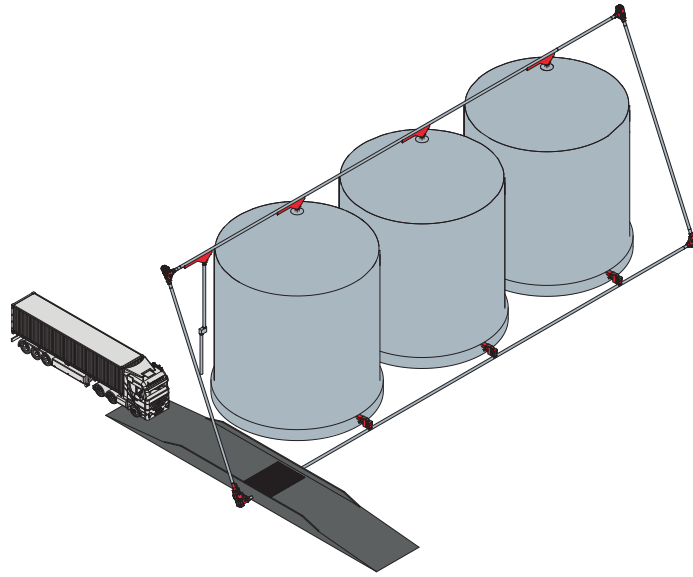
- A Model Drive



## TUBE CONVEYOR USAGE METHODS

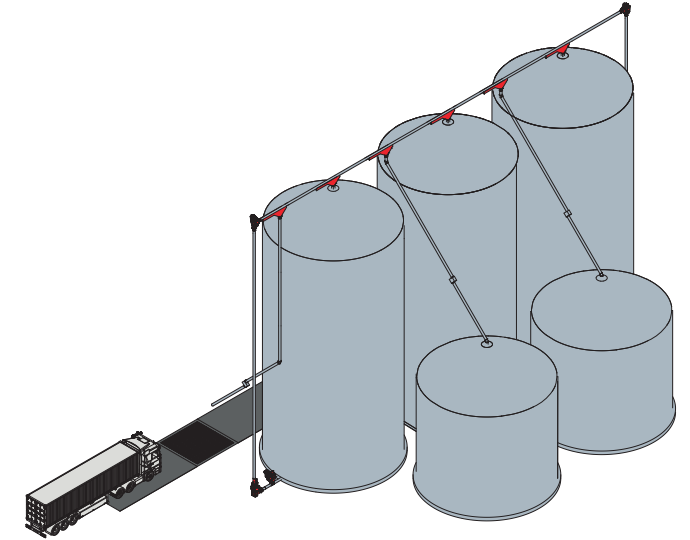
### TUBE CONVEYOR INCLINED USE:

Filling and discharging process in the system Tube Supplied with conveyor. System thanks to slope completes its cycle from outside the silo. This ease of use, maintenance and intervention provides.



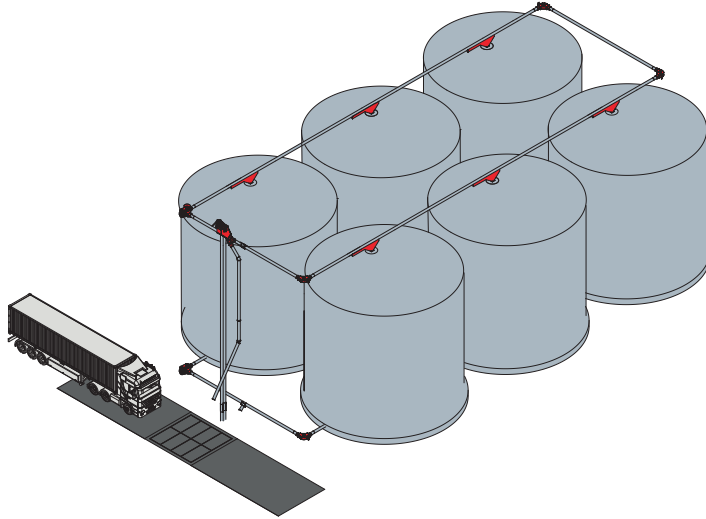
### TUBE CONVEYOR VERTICAL USE - 2:

Filling and discharging process in the system is provided by Tube Conveyor. The filling of silos at different heights is provided by flow pipes.



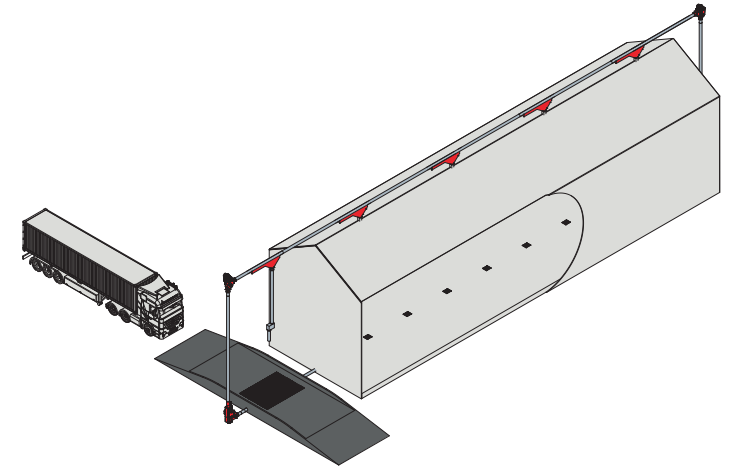
### TUBE CONVEYOR HORIZONTAL US:

Filling and discharging process of the system Tube Supplied with conveyor. horizontally in silos. Filling with tube conveyor placed on top makes. Likewise, at the bottom of the silos. evacuation is performed. It filling and filling of double row silos is preferred for discharge.



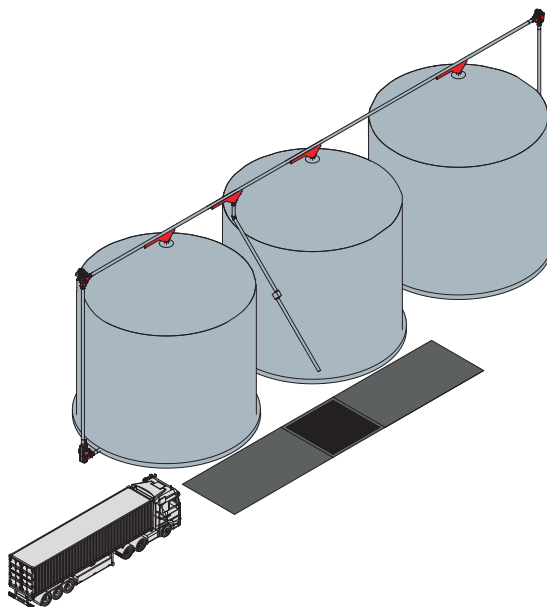
### USE OF HORIZONTAL STORAGE:

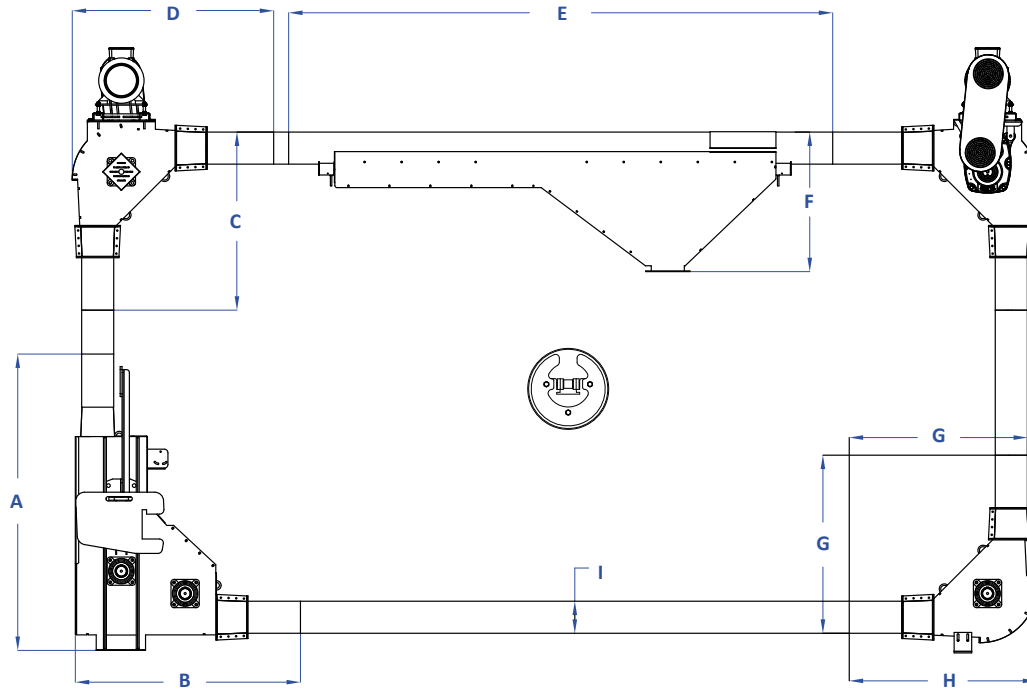
Filling and discharging process in the system Tube Supplied with conveyor. on the warehouse floor unloading process with caps located is performed.



### TUBE CONVEYOR VERTICAL USE:

Filling and discharging process in the system Tube Supplied with conveyor.





## Technical Chart

Pipe Diameter (mm)	168 (6")	219 (8")	273 (10")	323 (12")
Drive - Tail	3	4	4	4
Chain Pullet (UHMW) Thickness (mm)	10	10	12	12
Tail Corner Shaft Diameter (mm)	60	80	80	90
Chain	81X	81XHH	81XHH	81XHH
Gear	12	14	16	22
Tall Shaft Diameter (mm)	2,5	2,5	2,5	3,5
Dead Weight (kg/m)	10,2	14,5	16,6	27,5
Pipe + Chain Weight (kg/m)	18,2	24,5	28,7	41,5
Loaded Weight (kg/m)	35,5	51,4	70,0	99,0

## Capacity Chart

Pipe Diameter (mm)	168 (6")			219 (8")			273 (10")			323 (12")		
Capacity (m³/h)	55	65	78	120	135	155	195	220	240	300	345	370
Chain Speed (m/s)	1,50	1,65	1,75	1,50	1,70	1,90	1,50	1,65	1,90	1,50	1,75	2,00

## Diameter Chart

Pipe Diameter	A	B	C	D	E	F	G	H	I
168 (6")	1.800	1.300	1.034	1.099	3.000	900	1.035	1.050	168
219 (8")	2.025	1.540	1.217	1.281	3.820	952	1.217	1.280	219
273 (10")	2.265	1.765	1.433	1.498	3.820	990	1.433	1.497	273
323 (12")	2.500	2.000	1.662	1.727	4.300	1.060	1.662	1.750	323

- The unit of capacity calculations is considered as m³/h.
- Weight calculations are based on 769 (kg/m³) product density.
- The data in the chart are approximate values.
- Maxporter has the right to change technical specifications.

SPO.KTLG.41/00/21.12.2022-E