



The **PETKUS Troughed chain conveyors** are very rigid constructions and well suitable for the conveyance of bulk material in the agriculture and industry, like cereals, oil seeds, pulses, as well as for the transport of products in powder form. The maximal achievable conveying length by using the standard equipment is 50 m. The increase of the conveying length is possible and needs to be calculated. The direction of the transport can be one-side, double side and reversible.

#### Standard Equipment:

- Material  
galvanized sheet steel, conveying bottom 6 - 7 mm, casing walls and top 2,5 - 3 mm, conveying chain made of coated flat steel with tempered bushes and bolts, cleaning plates in suitable distances.
- Driving station  
Drive by gear with integrated fluid coupling, driving station with thicker side walls for the support of the bearings and the sprocket wheel for the conveying chain, with self-aligning bearings, outlet, pendulum flap prepared for the signal of blockage.
- Tension station  
with baffle plate, chain tensioning by tension springs.
- Conveying trough  
0,5/1,0/2,0/3,0 m Length of troughs, guide rails made of highly wear resistant plastic for a smooth running.
- Outlet slide - by hand, electrically or pneumatically.

**Conveying capacity:** (Dimensioning: 0,75 t/m<sup>3</sup>)

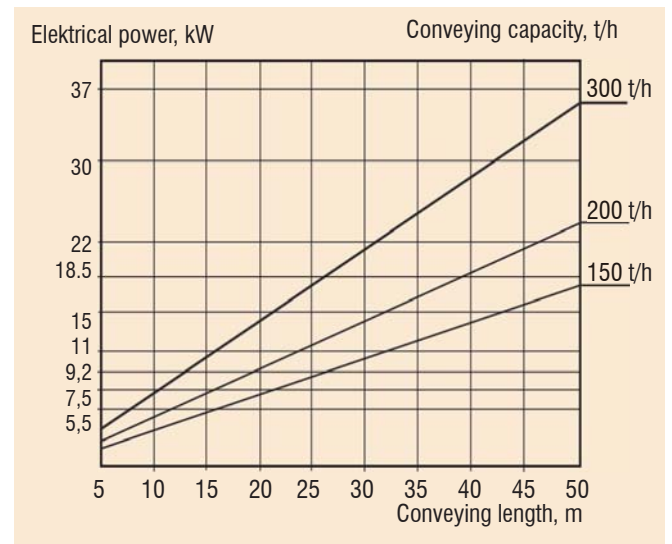
TKF 400: up to 200 t/h

TKF 500: up to 400 t/h

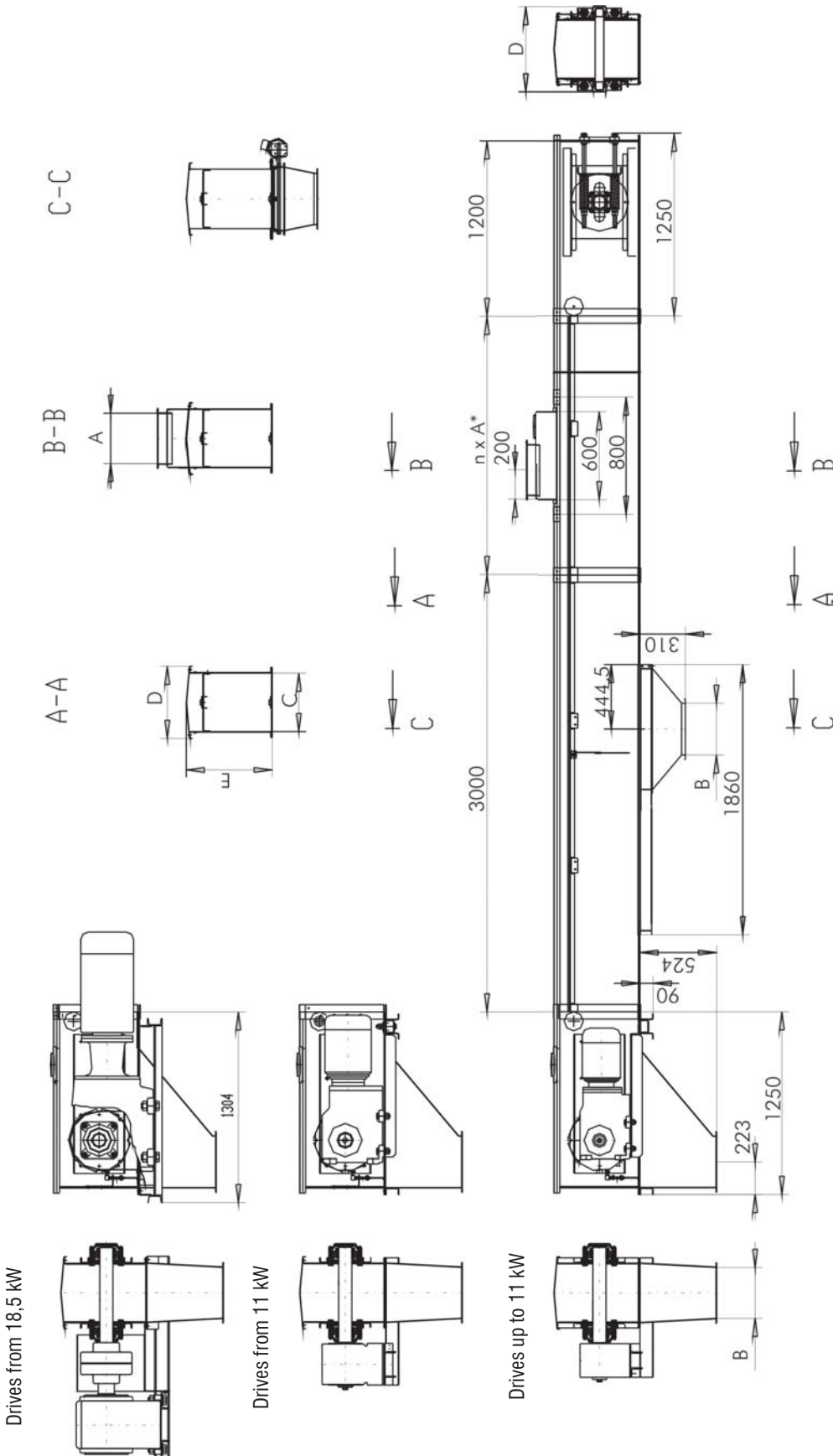
TKF 650: up to 600 t/h

#### Optional equipment:

- Wear resistant plate for the conveying bottom,
- Overspeed monitor,
- Side inlets for intake pits,
- Variator gear unit,
- Double channels for two sided conveyance,
- Intermediate bottom.



# Troughed Chain Conveyor Type TKF 400 / TKF 500 / TKF 650



Drives from 18,5 kW

Drives from 11 kW

Drives up to 11 kW

Type	A	B	C	D	E
	mm	mm	mm	mm	mm
TKF 400	350	400	400	480	590
TKF 500	400x400	500	520	620	700
TKF 650	500x500	500	650	750	960

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