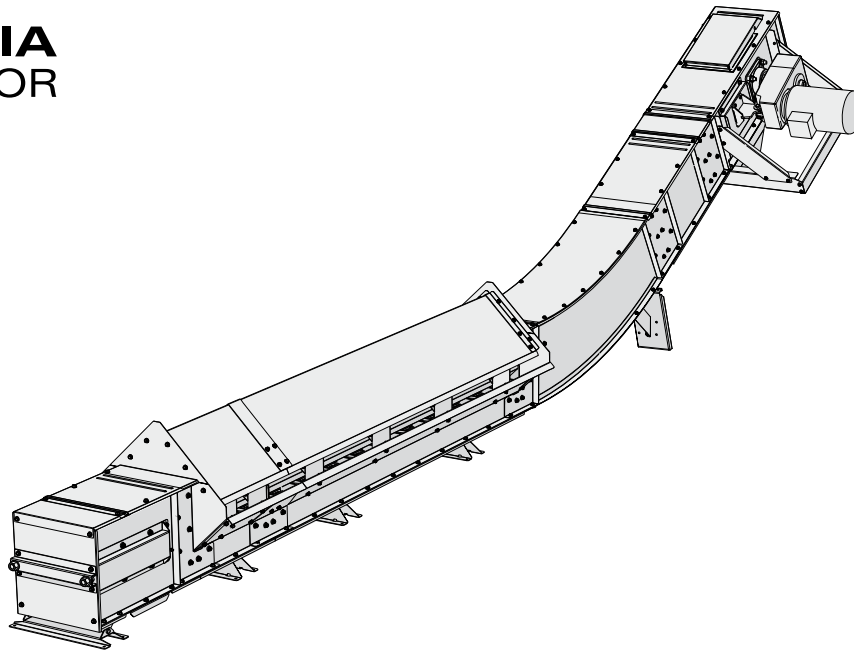




**SKANDIA  
ELEVATOR**



Our machines are designed for outdoor use. We only use galvanised steel plate, and join the parts by means of clamp riveting and screwing in order to keep the surface layer intact. Edges are bent down, joints and seams overlap and many parts are embossed in order to prevent water penetration. The most exposed joints are also sealed with rubber strips or silicone. The products in the I-LINE are designed for plants with continuous operation all year round.

## KTIG

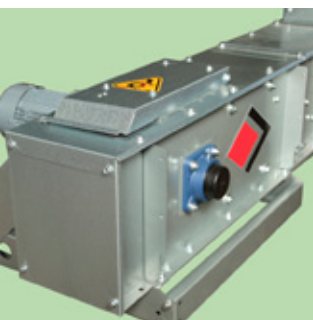
The trench intake conveyor KTIG is adapted in terms of capacity to transport material from a loading trench to a Skandia elevator. It can be finished with 15°, 30° or 45° incline. The trench intake section is self-regulating, which prevents overfilling.

### STANDARD EQUIPMENT:

- › Direct-mounted gearbox motor with support frame
- › Overload sensor in outlet hopper
- › Inspection hatch with safety switch
- › Outlet hopper for the drive
- › Self-regulating trench intake sections
- › Chain tensioner with variable end face for extra cleanliness
- › Bottom clean out hatch in tail end
- › Bottom clean-out hatch in bend section
- › Intermediate trays with smooth finger joints
- › Permanently lubricated bearings
- › Chain and flight of steel with flight casing of PE (polyethylene)

### ACCESSORIES:

- › Weather cover for gearbox motor
- › Inspection glass for intermediate sections
- › Connections, hoppers & valves for different needs



Pop up overloading flap/inspection hatch with safety switch.

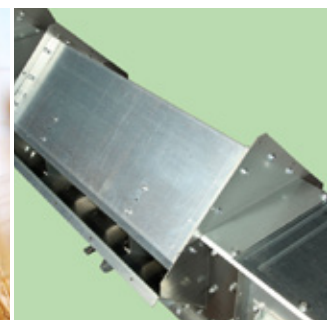


Chain and flight of steel with flight casing of PE (polyethylene).

**GALVANISED  
ENERGY EFFICIENT  
SERVICE FRIENDLY  
COMPACT  
RELIABLE  
EASILY MOUNTED**

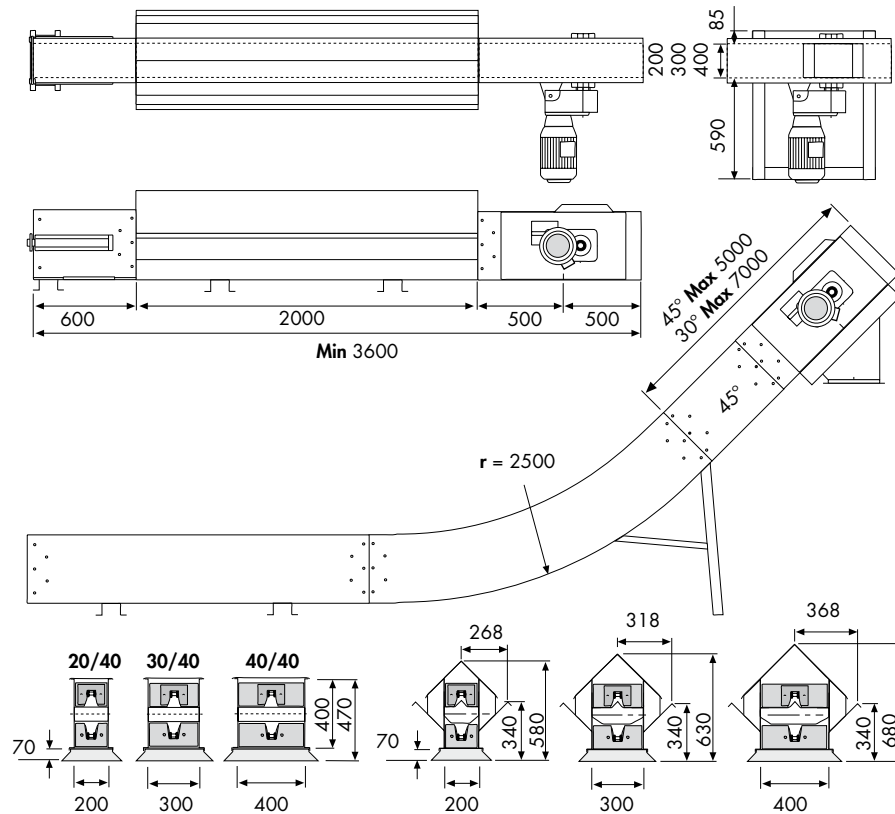


**THE  
LEADING  
COMPANY**



Self-regulating trench intake section.

# KTIG DIMENSIONAL DRAWING



All drawings are available in CAD format.

## KTIG TRENCH INTAKE CONVEYOR

		<b>20/40</b> 40 t/h	<b>20/40</b> 60 t/h	<b>30/40</b> 80 t/h	<b>40/40</b> 100 t/h	<b>40/40</b> 120 t/h
Capacity for 750 kg/m <sup>3</sup>	t/h	40-42	54-57	77-83	91-97	113-118
Capacity	m <sup>3</sup> /h	53-56	72-76	103-111	121-129	151-157
Speed	rpm	43-45	58-61	54-58	47-50	58-61
Chain speed	m/s	0.57-0.60	0.77-0.81	0.72-0.77	0.63-0.67	0.77-0.81
Conveyor chain, type		M80				
Pitch/ultimate tensile strength		100 mm/80 kN				
Chain sprocket, teeth	pcs	8				
Flight, material		Plastic				
Intermediate section, width/height	mm	200/400		300/400		400/400
Plate thickness drive, side plate/bottom plate	mm	5.0/2.5				
Plate thickness tail end/intermediate section, side/bottom plate	mm	2.0/2.5				
Inlet and outlet hoppers	mm	3.0/□180			3.0/□250	
ATEX class (standard equipment)		II 2D/0D				

