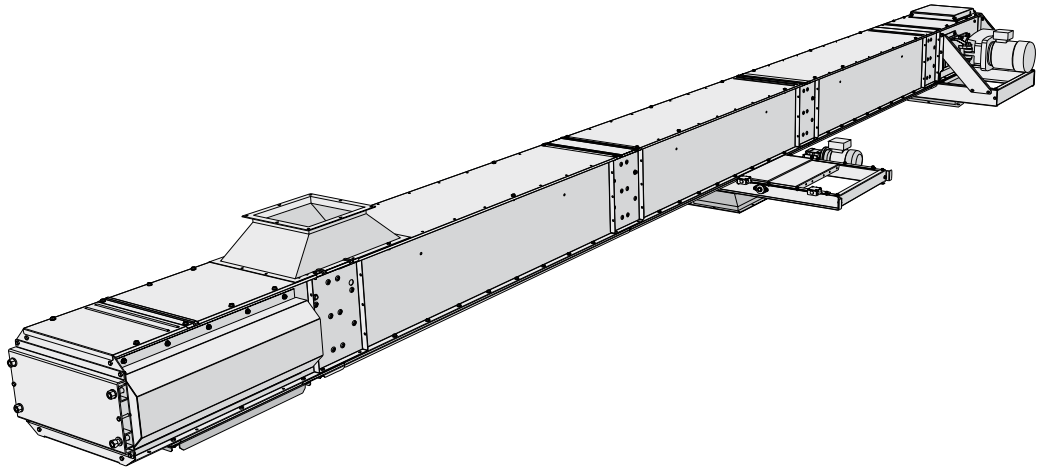
SKANDIA
ELEVATOR

H-LINE

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 H-LINE are designed for plants with intense operation all year round.



KTH
20/33-50/51

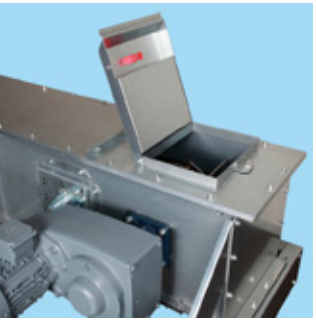
The top conveyor KTH is adapted in terms of capacity to transport material from a Skandia elevator to storage bins/silos. It can be operated in reverse or constructed as a "flow/return" conveyor.

STANDARD EQUIPMENT:

- Direct-mounted gearbox motor with support frame
- Pop up overloading flap/inspection hatch with safety switch
- Outlet hopper for the drive
- Inlet hopper for tail end
- Chain tensioner with variable end face for extra cleanliness
- Bottom clean out hatch in tail end
- Journalled chain return rollers of steel
- Permanently lubricated bearings
- Chain and flight of steel with clean-out flight of PE (polyethylene)
- Plastic wearing surfaces on top of the bottom plate

ACCESSORIES:

- Weather cover for gearbox motor
- Connections, hoppers & valves for different needs
- Transverse or in line outlet slide with brush (manual, electrical or pneumatic)
- Weather cover for outlet slide
- Chain guard
- Chain with return buckets
- Inspection glass for intermediate sections
- Wire support for up to a 12 metre span

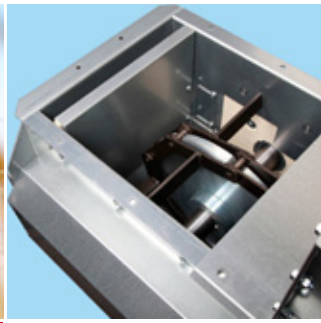


Pop up overloading flap/inspection hatch with safety switch.

Chain and flight of steel with clean-out flight of PE (polyethylene).

GALVANISED
ENERGY EFFICIENT
SERVICE FRIENDLY
COMPACT
RELIABLE
EASILY MOUNTED

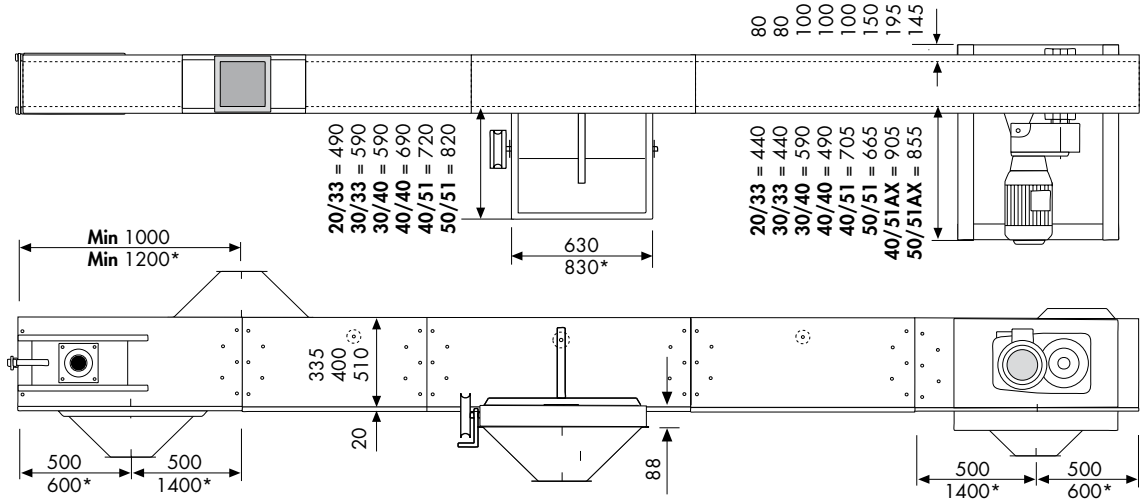
THE LEADING COMPANY

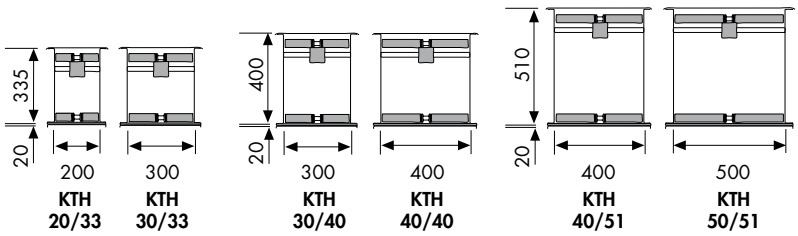


Variable end face for extra cleanliness.

ENG

KTH
DIMENSIONAL DRAWING





*(40/51, 50/51)

All drawings are available in CAD format.

KTH TOP CONVEYOR		20/33 60 t/h	30/33 80 t/h	30/33 100 t/h	30/40 120 t/h	40/40 150 t/h	40/51 200 t/h	50/51 250 t/h	50/51 300 t/h
Capacity for 750 kg/m³	t/h	66-70	89-96	110-117	139-146	161-176	209-226	262-284	317-338
Capacity	m³/h	88-93	119-128	147-156	185-195	215-235	279-301	349-379	423-451
Speed	rpm	43-46	38-41	47-50	37-39	32-35	24-26	24-26	29-31
Chain speed	m/s	0.57-0.61	0.51-0.55	0.63-0.67	0.62-0.65	0.53-0.58	0.51-0.55	0.51-0.55	0.62-0.66
Conveyor chain, type		M80	M80-M112			M80-M160	M112-M224		
Pitch/ultimate tensile strength	mm/kN	100/80	100/80-112			100-125/80-160	160/112-224		
Chain sprocket, teeth	pcs	8			10		8		
Flight, material		Steel							
Intermediate section, width/height	mm	200/335			300/400	400/400	400/510	500/510	
Plate thickness drive, side plate/bottom plate	mm	5.0/2.0			6.0/2.0		7.0/2.5	8.0/2.5	
Plate thickness tail end/intermediate section, side/bottom plate	mm	2.5/2.0			3.0/2.0		4.0/ 2.5		
Thickness, plastic bottom		8.0							
Inlet and outlet hoppers	mm	3.0/□180	3.0/□250		3.0/□300		3.0/□350	3.0/□400	
ATEX class (standard equipment)		II 2D/0D							