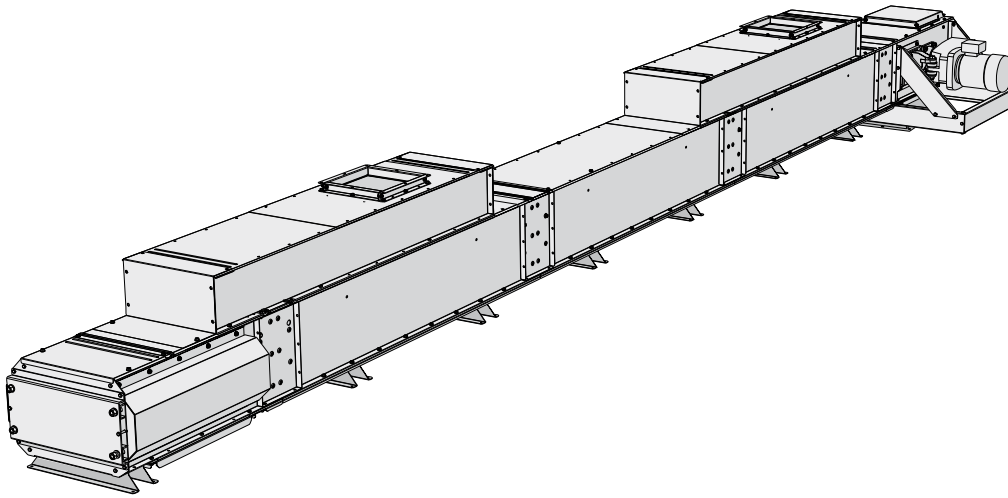




**SKANDIA  
ELEVATOR**



Our machines are designed for outdoor use. We only use galvanized steel plate, and join the parts by means of clamp riveting and bolting 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.



**KTHb**  
20/33-50/51

The bottom conveyor KTHb is adapted in terms of capacity to transport material from storage bins/silos or from another Skandia bottom conveyor to a Skandia belt & bucket elevator. When feeding from a storage bin/silo a raised inlet is used that is self-regulating, which prevents overfilling.

**STANDARD EQUIPMENT:**

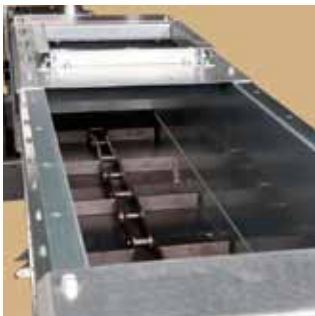
- › Direct-mounted gearbox motor with support frame
- › Pop up overloading flap/inspection hatch with safety switch
- › Outlet hopper for the drive
- › Chain tensioner with variable end face for extra cleanliness
- › Bottom clean out hatch in tail end
- › Journalled chain return rollers of steel
- › 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:**

- › Self-regulating raised inlet/Inlet hopper
- › Weather cover for gearbox motor
- › Connections, hoppers & valves for different needs
- › Chain guard
- › Intermediate section with sight glass on both sides
- › Capacity slide for fine-grained materials

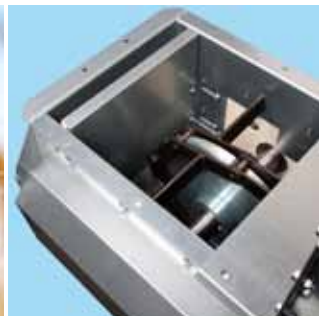


Pop up overloading flap/inspection hatch with safety switch.



Self-regulating raised inlet.

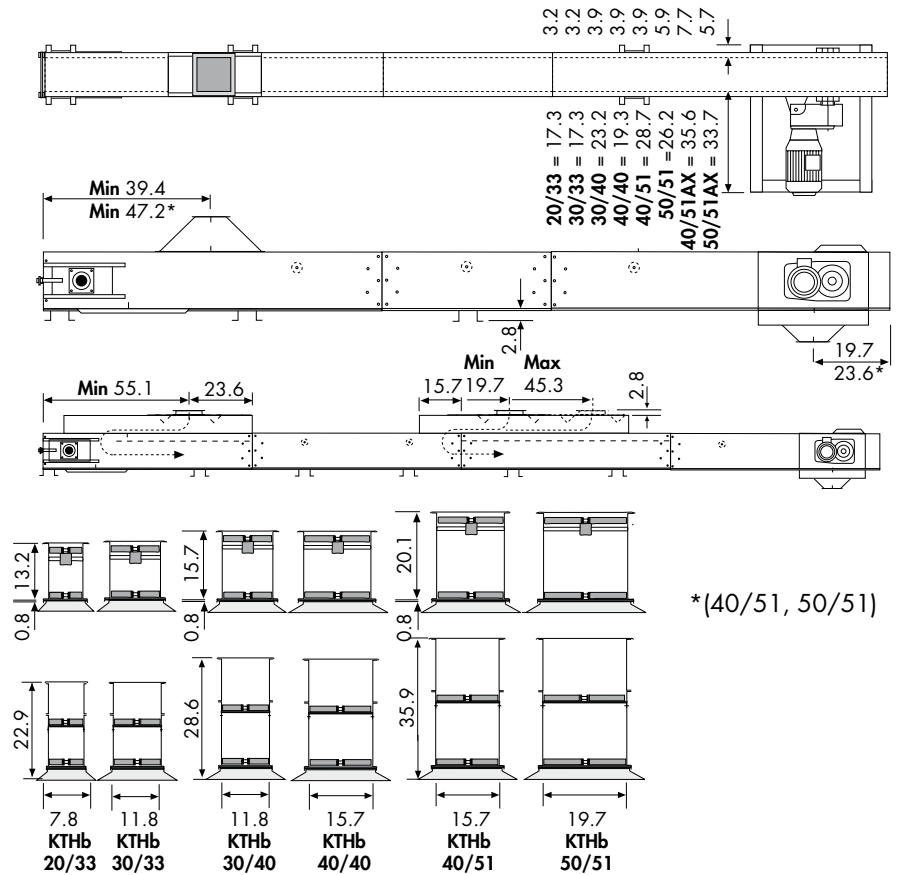
**GALVANISED  
ENERGY EFFICIENT  
SERVICE FRIENDLY  
COMPACT  
RELIABLE  
EASILY MOUNTED**



Variable end face for extra cleanliness.

**THE  
LEADING  
COMPANY**

# KTHb DIMENSIONAL DRAWING



All drawings are available in CAD format.

## KTHb BOTTOM CONVEYOR

		20/33	30/33	30/33	30/40	40/40	40/51	50/51	50/51	
		60 MTH	80 MTH	100 MTH	120 MTH	150 MTH	200 MTH	250 MTH	300 MTH	
Capacity for 750 kg/m <sup>3</sup>	MTH	56-60	76-82	94-100	117-124	141-154	188-204	235-255	284-304	
Capacity	M <sup>3</sup> /H	75-80	101-109	125-133	156-165	188-205	251-272	313-340	379-405	
Capacity for 46.8 lb/CF	CFH	2648-2824	3566-3849	4413-4696	5508-5826	6638-7239	8863-9604	11052-12005	13382-14300	
Capacity	BPH	2129-2270	2866-3093	3548-3775	4427-4682	5335-5818	7123-7719	8883-9649	10756-11494	
Speed	RPM	43-46	38-41	47-50	37-39	32-35	24-26	24-26	29-31	
Chain speed	FPM	112-120	100-108	124-132	122-128	104-114	100-108	100-108	122-130	
Conveyor chain, type		M80	M80-M112			M80-M160	M112-M224			
Pitch/ultimate tensile strength	in/lbf	3.9/17900	3.9/17900-25100			3.94.9/ 17985-35969	6.3/25100-50300			
Chain sprocket, teeth	pcs	8			10			8		
Flight, material		Steel								
Intermediate section, width/height	in	7.9/13.2			11.8/15.8	15.8/15.8	15.8/20.1	19.7/20.1		
Plate thickness drive, side plate/bottom plate	ga	6/14			3/14		1/12	0/12		
Plate thickness tail end/intermediate section, side/bottom plate	ga	12/14			11/14		9/12			
Thickness, plastic bottom	in	0.32								
Inlet and outlet hoppers, plate thickness/□ dimension	ga/in	11/□7.1	11/□9.8		11/□11.8		11/□13.8	11/□15.8		
ATEX class (standard equipment)		II 2D/OD								

