

TURBO SUCTION BOX TRANSFER SYSTEM

For stacking and de-stacking of timber



Skanveir Turbo suction box transfer system moves effectively and rapidly all kinds of timber, whether it might be raw boards or planks, gluelam beams or cracked logs. The suction box transfer system eliminates the heavy manual work and reduces labour costs crucially.

- The suction box is a sophisticated solution to provide fast and safe grip and release.
- Robust frame structure, complete with runner rails, is made of steel profile.
- The transferring carriage runs by means of polyurethane-coated wheels.
- The lifting/lowering movement of the gripper is effected by two heavy-duty belts.
- The gripping unit is balanced by parallel shears or vertical bars.
- The suction holes and filters are kept clean through blowing while releasing the load.
- Operations are controlled by frequency converters and absolute encoders to ensure fast and accurate movements.



Skanveir transfer system on engineered wood products line.



The suction box device feeding planed logs to further processing



Technical data

For loading and unloading of dry kiln loads

Technical data	
Travel length mm	4000
Lifting height mm	1600
Stack width mm	1200-1700
Stack height mm	1200-2000
Stack length mm	800-6000
Board/plank width mm	75-300
Board/plank thickness mm	15-75
Board/plank length mm	800-6000
Suction boxes	5 pcs 1800 x 300 mm
Vacuum generator	2 pcs blowers 11 kW

For unloading and loading the finger-jointing and planing lines.

Technical data	
Travel length mm	4000
Lifting height mm	1600
Stack width mm	1200-1250
Stack height mm	1200
Stack length mm	800-6000
Board/plank width mm	45-200
Board/plank thickness mm	15-75
Board/plank length mm	800-6000
Suction boxes	4 pcs 1300 x 300 mm
Vacuum generator	1 pc blower 11 kW

For loading and unloading planed logs

Technical data	
Travel length mm	2700
Lifting height mm	1500
Stack width mm	1200-1400
Stack height mm	1200-1400
Stack length mm	12000 max
Log width mm	145-218
Log thickness mm	70-206
Log length mm	3200-12000
Suction boxes	6 pcs 600 x 125 mm
Vacuum generator	1 pc blower 5.5 kW

The tables above provide a choice of Turbo suction box transfer equipment. Please, ask also for further transfer equipment with various values or for other materials.



Skanveir Oy, set up in 1979, specialises in lifting and transferring techniques. We manufacture highly automated transfer systems and transfer equipment for moving timber, panels and elements. The systems can be standard or customised to meet each client's special requirements.

Within the construction materials industry, we have customers manufacturing PU-elements, roof and wall elements, stone wool, doors, gluelam beams, log houses, plywood and engineered wood products. Further, we have customers in companies manufacturing trailers and road tankers, stone products and plastic products.



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