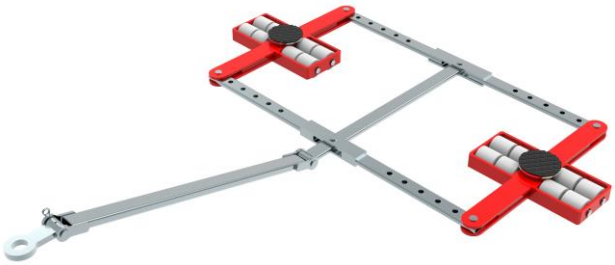
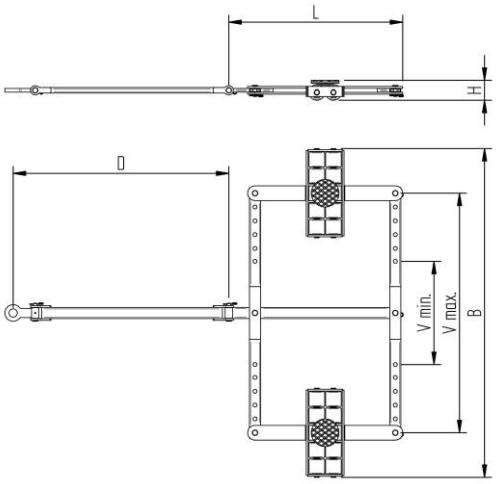
Fact sheet **ECO-Skate** iN160D

Load moving system, steerable, 4-load points

HTS





Specification:

Heavy-duty load moving system for the professional indoor heavy load transport on clean, smooth and level floors. Including connecting rod, anti-slip rubber pad and high-quality HTS nylon wheels, which are abrasion-resistant, non-marking and suitable for all smooth and level floors. In combination with a L- or ROTO skate with the same installation height it forms a safe overall system with 3 load points, in combination with a DUO, S or two ROTO skates a complete system with 4 load. Please note the steering angle of max. 45 °. When fully utilized steering angle of the skate system, no additional steering angle of the traction unit must be made (see operating instructions).

Technical data of load moving system:

10 160 01 30	**Ø 150 mm**	**6,0 x 80 = 480 mm² ▼ 20,8 MPa**
NY, 80 Shore D	**L x B x H 963 x 1784 x 110 mm**	**76,8 cm²**
2 x 8000 daN	**D = 1170 mm V = 560 - 1300 mm**	**400 daN***
2 x 8	**80 kg**	**320 daN***

Equipped with the following wheel:

11 085 10 14	**6,0 x 80 = 480 mm² ▼ 20,8 MPa**	
NY, 80 Shore D	**1000 daN**	
Ø85x87 - Ø25 mm	**V_{max} = 2 km/h**	

Please always observe the operating instructions, their safety instructions and local conditions!

Part No.	Number of wheels	Load Area in mm	Area mm² of the roller surface pressure ▼ N / mm²	Traction* in daN, required force to move the load at a steady speed of 2 km/h under ideal conditions
Wheel material layer, core: AL Aluminium, NY Nylon PU Polyurethane, ST Steel	Dimensions of wheel, inside ball bearing diameter mm	Dimensions in mm L x B x H	Loaded area per skate in cm²	
Carrying Capacity of load moving skate in daN at 2km/h max.	Weight kg	Steering bar length D for L, adjustability V for S and DUO skate systems	Starting resistance* in daN, required force to start moving, under ideal conditions	

* Varies depending on the tolerances of the floor and ambient situation. All information without guarantee.