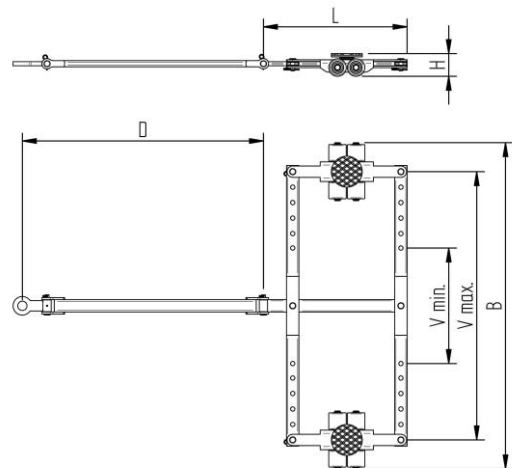# Fact sheet **ECO-Skate** iN80D-CR

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:

#	12 080 01 30	■Ø	Ø 150 mm		6,0 x 80 = 480 mm² ▼ 20,8 MPa
MAT	NY, 80 Shore D		L x B x H 717 x 1581 x 110 mm		38,4 cm²
	2 x 4000 daN		D = 1170 mm V = 560 - 1300 mm		200 daN*
#	2 x 4		46 kg		160 daN*

Equipped with the following wheel:

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

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

#	Part No.	#	Number of wheels	■Ø	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
MAT	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		* Varies depending on the tolerances of the floor and ambient situation. All information without guarantee.
	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		