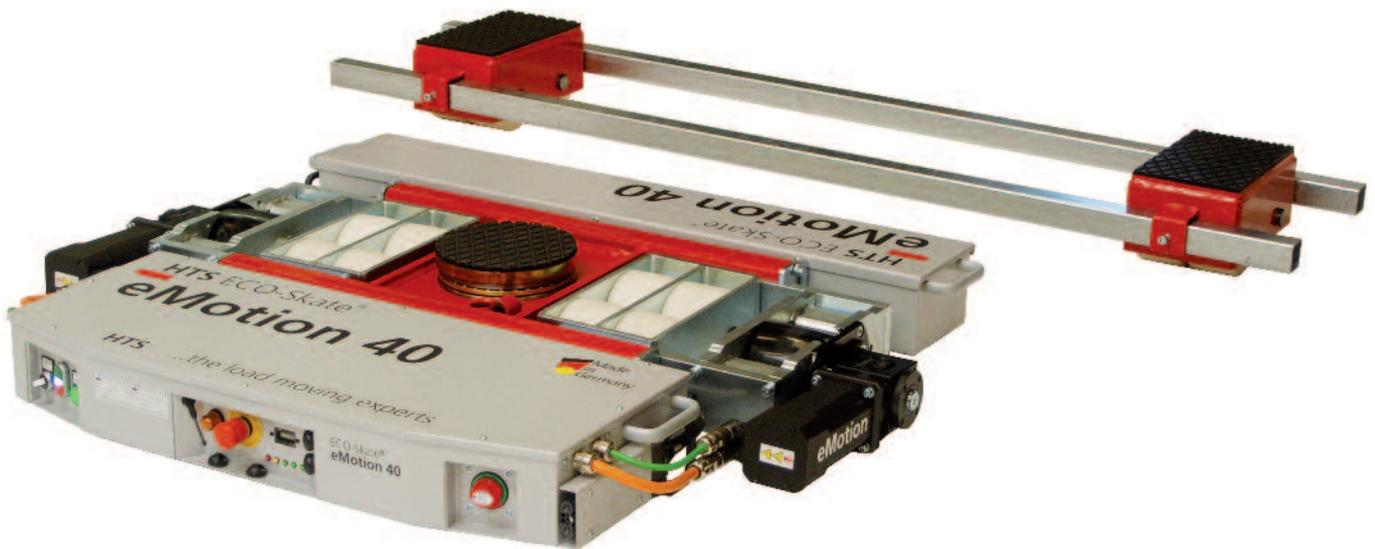


**Self-propelled
battery-powered
transport chassis**

With the ECO-Skate® eMotion 40, loads up to 40 tonnes can be moved by remote control without additional push or pull means. On three points, simultaneous driving and steering as well as safe positioning are possible and proportional thanks to the one-joystick function of the remote control. Powered by contemporary 48 V, 60 Ah lithium-iron phosphate battery technology and a running time of at least 3 hours.

A quick and easy change of the battery is possible directly in the use, since the exchange takes place in a few steps at the back. The advanced eMotion 40 Drive Synchron engine runs energy-saving and is fully digitally controlled by the eMotion 40 Drive Control eMDC3 motor control. Space-saving gearboxes in the drive rollers make the eMotion 40 an extremely compact vehicle with small external dimensions and a low installation height of 180 mm. All chassis of the ECO-Skate® XL with nylon castors have the same identical insertion height of 180 mm. Existing transport vehicles can therefore be used with the eMotion 40.



Type	eMotion 40	XN20S-B
Part number	10.200.51.10	10.200.55.20
Capacity (lbs)	44.000	2 x 22.000
Capacity as set (lbs)	88.100	
Wheel size (inch)	Ø 5.5 x 3.3	Ø 5.5 x 3.3
Number of wheels	8 + 2	2 x 4
Load area (inch)	Ø 8.7	12.6 x 7.5
Dimensions (inch) ^{LxWxH}	43.7 x 54.9 x 7.1	18.3 x 8.5 x 7.1
Adjustability (inch)*	–	8.6-70.8
Weight (lbs)*	520	176

*All ECO-Skate iN-Series XL have the same height of 180 mm/7.1 inch. Any ECO Skate XL (MY) model can be combined with the eMotion. There is no need for special skates.

Radio controlled battery powered load moving skate

The ECO-Skate® eMotion 40 allows the user to move the loads completely independent with capacities up to 40 tonnes without any pulling or pushing devices. It has state of the art electric engines and a radio remote control unit with HTS single joystick system. Steering and all other manoeuvres are easy to handle and minimize mistakes by the user. It is powered by a modern 48 V, 60 Ah lithium iron phosphate battery technology with a running time of 3 hours.

Fast and easy battery change while operation is possible due to easy access in the rear part. The advanced energy saving eMotion 40 Drive motor is fully digitally controlled by the eMotion 40 Drive Control eMDC3. The eMotion 40 offers a overall compact design and can be combined with any other ECO-Skate® XL with Nylon wheels with the same height of 180 mm.



60 A battery charger
(optional)



Remote control with
single joystick

Type	Drive and control
Slope	max. 3 %
Controller unit	eMotion 40 Control with warning lights and signal for driving
Drive engine	2 x eMotion Drive 48 VDC synchron motors
Drive control	2 x eMotion Drive Control eMDC3
Drive/gear	2 drive wheels with internal eMotion 40 gear and upstreamed angle gear box
Battery	1 x eM-AP 48 V 60 Ah Li-Ironphosphate battery pack
Running time	> 180 minutes depending on the floor, the driving behavior and the amount of changing directions