

TECHNICAL DATA TOUCH2MOVE

DIMENSIONS & WEIGHTS

Max. payload	500 kg
Empty weight	110 kg
Length	Individual platform length plus 390 mm for the sensor handles
Width	Depends on individual platform (500 / 600 / 700 / 800 mm)
Sensor handle height	1020 mm
Height of load platform	Depends on wheel size (290 / 345 / 420 mm)

MOTOR (VALUES REFER TO ONE MOTOR)

Motor type	Electronically commutated hub drive motor (gearless)
Voltage	24 V
Current drawn	11 A
Power	200 W
Speed	0...200 rpm
Nominal torque	16 Nm
Braking torque	72 Nm
Load capacity	300 kg (static), 150...250 kg (dynamic)
Protection class	IP 54 (splash water proof)

BRAKES

Regenerative brakes	Fitted as standard
Electromagnetic spring pressure multi-plate brake	Fitted as standard (is released electrically when both sensor handles are grasped – can also be released mechanically, if necessary)
Braking torque	50 Nm

BATTERIES

Maintenance-free fleece technology batteries, non-gassing	2 x 12 V, 50 Ah (34 Ah and 100 Ah optional)
Main fuse	80 A
Electronically controlled charging unit	6 A, with overcharge monitor (12 A optional)

Technical details are subject to change in the interest of constant product improvement.

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SENSOR HANDLES / OPERATION

Capacitive hand detection	Fitted as standard
Driving direction and speed controlled via built-in pressure sensors	Fitted as standard
Left handle:	
Battery and status indication (LED green / yellow / red)	Fitted as standard
Start / Stop button	Fitted as standard
Right handle:	
Status & fault indicator (LED green/red)	Fitted as standard
Horn button	Fitted as standard
Up/down buttons	Optionally fitted

OPERATING PANEL (FITTED OPTIONALLY)

Emergency Stop button	Optionally fitted
Keyswitch	Optionally fitted
Hour meter	Optionally fitted
Keypad for additional functions (e.g. up/down)	Optionally fitted
Cable-connected remote control unit for passing through doors	Optionally fitted

AREAS OF USE

Indoors	On non-slip surfaces, ideal for areas without forklift trucks (various tyres available, depending on surface)
Outdoors	On firm surfaces (various tyres available, depending on surface)
Speed / handling characteristics	Individually adjustable
Forwards	0..6 km/h
Reverse	0..6 km/h

GUIDELINES

CE conformity in accordance with Machinery Directive 2006/42/EC.

Driving instruction / driving license: only familiarization, no license required.