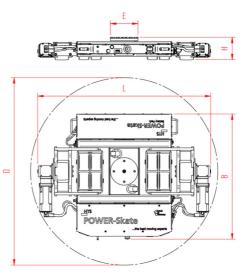# POWER-Skate XL 12-24

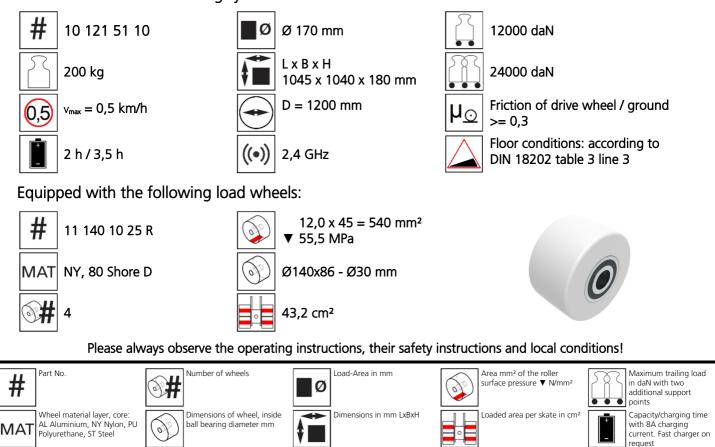radiocontrolled, battery powered

HTS

Specification:

Heavy-duty transport load moving system with integrated lifting cylinder, battery-operated and radio remote controlled for professional in-plant heavy-duty transport on clean and level floors. All movements are controlled proportionally and precisely via the radio remote control with a single joystick. Model incl. LiFePo4 battery and radio remote control with chargers, turntable with non-slip waffle rubber pad, high-quality HTS nylon rollers (load rollers) and specially manufactured polyurethane drive wheels that are abrasion-resistant, non-marking and cut-resistant and suitable for all smooth and level floors. In combination with an S skate or two ROTOflex skate (the load capacity of the skates must correspond to the tractive force of the powered unit) with the same installation height, these skate systems form a safe overall system with 3 load points.

Technical data of load moving system:

#	10 121 51 10	■Ø	Ø 170 mm		12000 daN
	200 kg	L×B×H	L x B x H 1045 x 1040 x 180 mm		24000 daN
(0,5)	v_{max} = 0,5 km/h	↔	D = 1200 mm	µ⊙	Friction of drive wheel / ground >= 0,3
🔋	2 h / 3,5 h	(((•)))	2,4 GHz	△	Floor conditions: according to DIN 18202 table 3 line 3

Equipped with the following load wheels:

#	11 140 10 25 R		12,0 x 45 = 540 mm² ▼ 55,5 MPa
MAT	NY, 80 Shore D		Ø140x86 - Ø30 mm
#	4		43,2 cm²

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		Maximum trailing load in daN with two additional support points
MAT	Wheel material layer, core: AL Aluminium, NY Nylon, PU Polyurethane, ST Steel		Dimensions of wheel, inside ball bearing diameter mm		Dimensions in mm LxBxH		Loaded area per skate in cm²		Capacity/charging time with 8A charging current. Fast charger on request
	Capacitiy of the load moving skate in daN		Weight kg	↔	Turning circle D in mm	(((•)))	Frequenz in GHz Others on request	△	Floor conditions

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Equipped with the following drive wheels:

#	93 000 11 00		19,0 x 100 = 1900 mm² ▼ 10,5 MPa
MAT	85 Shore A		Ø140x100 mm
⊞#	2		38 cm²

Combination options:

	POWER-Skate XL 12-24 (10 121 51 10)	XN20S-B (10 200 55 20)	
1			
	POWER-Skate XL 12-24 (10 121 51 10)	RFXN12 (10 120 03 41)	RFXN12 (10 120 03 41)
2			
	POWER-Skate XL 12-24 (10 121 51 10)	POWER-Skate XL 12-24 (10 121 51 10)	RFXN12 (10 120 03 41)
3			

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	Maximum trailing load in daN with two additional support points
MAT	Wheel material layer, core: AL Aluminium, NY Nylon, PU Polyurethane, ST Steel	Dimensions of wheel, inside ball bearing diameter mm	Dimensions in mm LxBxH	Loaded area per skate in cm²	Capacity/charging time with 8A charging current. Fast charger on request
	Capacitiy of the load moving skate in daN	Weight kg	Turning circle D in mm	Frequenz in GHz Others on request	Floor conditions