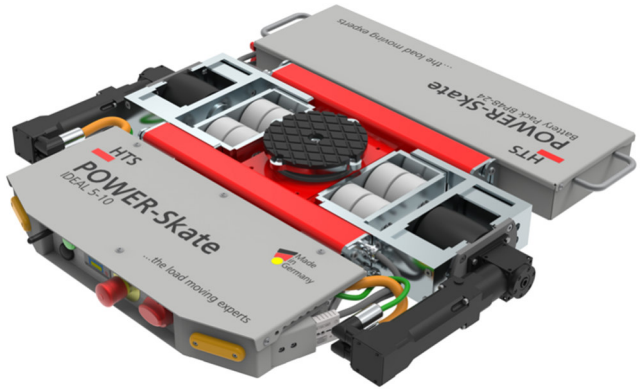
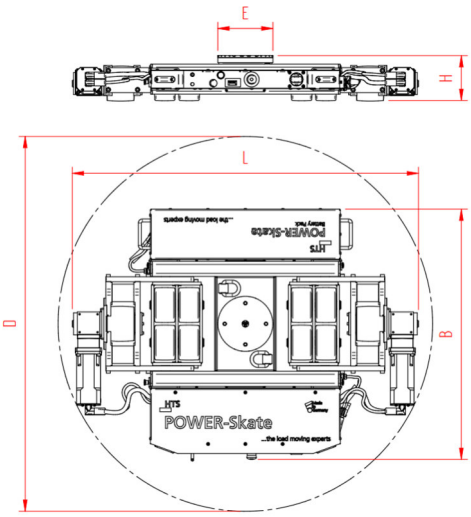
POWER-Skate IDEAL 5-10

radiocontrolled, battery powerd

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:

# 100505110	Ø 150 mm	5000 daN
100 kg	L x B x H 860 x 880 x 110 mm	10000 daN
0,5 v_{max} = 0,5 km/h	D = 1070 mm	μ Friction of drive wheel/ground >= 0,3
4 h / 3,5 h	2,4 GHz	Floor conditions: according to DIN 18202 table 3 line 3

Equipped with the following load wheels:

# 11 085 11 34 R	6,0 x 40 = 240 mm² ▼ 20,8 MPa	
MAT NY, 80 Shoe D	Ø85x43,5 - Ø25 mm	
# 8	19,2 cm²	

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

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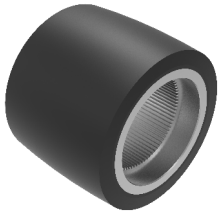
Equipped with the following drive wheels:

#	93 100 11 00
MAT	93 Shore A
#-wheel	2
wheel	11,0 x 100 = 1100 mm² ▼ 7,7 MPa
wheel	Ø85x100 mm
load-area	22 cm²



Combination options:

1	POWER-Skate Ideal 05-10 (10 050 51 10)	iN80S (10 080 01 20)	
			
2	POWER-Skate Ideal 05-10 (10 050 51 10)	RFN60 (10 060 09 41)	RFN60 (10 060 09 41)
			
3	POWER-Skate Ideal 05-10 (10 050 51 10)	POWER-Skate Ideal 05-10 (10 050 51 10)	RFN60 (10 060 09 41)
			

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# Part No.	#-wheel 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