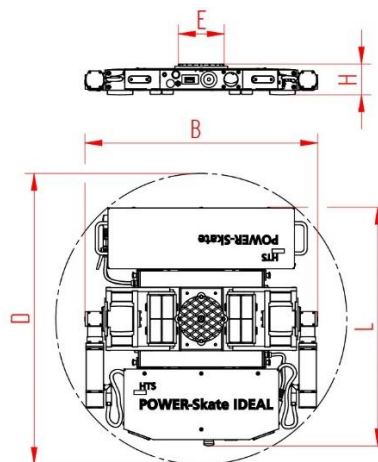


# POWER-Skate® IDEAL PSI 5-10

Load Moving Skate, remote-controlled, 3-point support

# HTS



## Description:

Battery-operated, radio remote-controlled heavy-duty load moving skate for professional, in-house transport of heavy goods on clean and even floor. With the single-joystick remote control every movement is proportionally and exactly executed. Equipped with LiFePo4 battery, remote control, chargers, turn table with an anti-slip pad, high-quality HTS nylon load wheels and polyurethane traction wheels. They are abrasion-resistant, non-marking and cut-resistant as well as suitable for all smooth floors. Combined with a rear S-skate or two bolted ROTOflex skates of the same height these skates form a safe overall 3-point load moving system. The capacity of the skates has to correspond to the load of the POWER-Skate.

## Technical data skate:

# 10.054.59.10	L x B x H 885 x 869 x 110 mm	Ø 170 mm
94 kg	5000 daN	10000 daN
D 1080 mm	2 h / 3,5 h	2,4 GHz
$v_{max} = 0,5$ km/h	$\mu \geq 0,3$	according to DIN 18202 table 3, line 3

## Technical data load wheel:

# 11.085.11.34	Ø85 x 43,5 - Ø25 mm
# 8	$6 \times 40 = 240 \text{ mm}^2$ ▼ 20,8 MPa
MAT NY	19,2 cm <sup>2</sup>



## Observe operating instruction, their safety instructions and local conditions!





# part no.	dimensions [mm] L x B x H	weight [kg]	capacity of skate [daN]	maximum tensile load [daN] with 2 additional support points
dimensions of loaded area [mm]	turning circle D [mm] single skate	Running time under full load / charge time [h] with HTS- charger. Fast charger on request.	radio frequency (others on request)	radio frequency (others on request)
# number of wheels	dimensions of wheel, diameter of ball bearing [mm]	area of wheel [mm <sup>2</sup> ] surface pressure ▼ [N/mm <sup>2</sup> ]	loaded area per skate [cm <sup>2</sup> ]	MAT wheel material layer, core: AL aluminium, NY nylon, PU polyurethane, ST steel
maximum speed [km/h]	required friction coefficient drive wheel / floor	floor conditions		

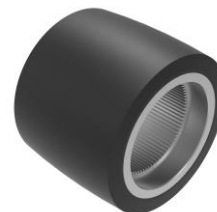
# POWER-Skate® IDEAL PSI 5-10

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## Technical data traction wheel:

# 93.100.11.00	 Ø95 x 95 mm
 # 2	 11 x 100 = 1100 mm <sup>2</sup> ▼ 7,7 MPa
MAT PU 85 Shore A, ST	 22 cm <sup>2</sup>


















## Possible combination:

	PSI 5-10 (10.054.59.10)	iN80S * (10.080.01.20)
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\* Not included in delivery.

## Observe operating instruction, their safety instructions and local conditions!

# part no.	 dimensions [mm] L x B x H	 weight [kg]	 capacity of skate [daN]	 maximum tensile load [daN] with 2 additional support points
 dimensions of loaded area [mm]	 turning circle D [mm] single skate	 Running time under full load / charge time [h] with HTS- charger. Fast charger on request.	 radio frequency (others on request)	radio frequency (others on request)
 number of wheels	 dimensions of wheel, diameter of ball bearing [mm]	 area of wheel [mm <sup>2</sup> ] surface pressure ▼ [N/mm <sup>2</sup> ]	 loaded area per skate [cm <sup>2</sup> ]	MAT wheel material layer, core: AL aluminium, NY nylon, PU polyurethane, ST steel
 0,5 maximum speed [km/h]	 required friction coefficient drive wheel / floor	 floor conditions		