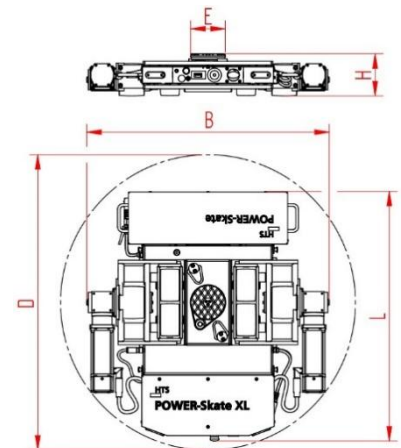


POWER-Skate® XL PSX 12-24 DUO H

Load Moving Skate, radio-controlled, 3-/4-point support, with lifting cylinder

HTS



Description:

Two interlinked, battery-operated, radio remote-controlled heavy-duty load moving skates with integrated lifting cylinder for professional, in-house transport of heavy goods on clean and even floor. Single operation possible at any time. With only one single-joystick remote control every travel movement is proportionally and exactly executed. Equipped with LiFePo4 battery, radio 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 one or two non-bolted ROTOflex skates of the same height these DUO-skates form a safe overall with 3-/4-point load moving system. The capacity of the skates has to correspond to the load of the POWER-Skates.

Technical data skate:

# 10.124.55.60	 L x B x H 1080 x 1051 x 180 mm	 E Ø150 mm
 230 kg (2x)	 12000 daN	 24000 daN
 D 1280 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

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	 stroke [mm]	 Running time under full load / charge time [h] with HTS- charger. Fast charger on request.	 radio frequency (others on request)
 # number of wheels	 dimensions of wheel, diameter of ball bearing [mm]	 area of wheel [mm ²] surface pressure ∇ [N/mm ²]	 loaded area per skate [cm ²]	 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		

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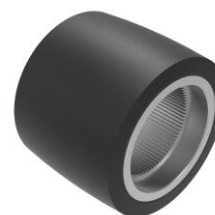
Technical data load wheel:

#	11.140.10.25R		140 x 86 – Ø30 mm
	8		12,0 x 45 = 540 mm ² ▼ 46,3 MPa
MAT	NY		43,2 cm ²

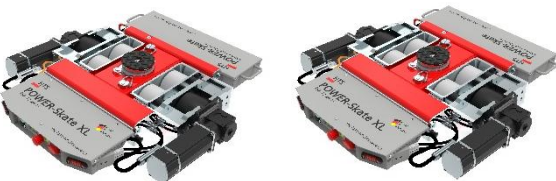


Technical data traction wheel:

#	93.000.11.00		140 x 109 mm
	2		19 x 100 = 1900 mm ² ▼ 10,5 MPa
MAT	PU 85 Shore A, ST		38 cm ²



Possible combination:

1	PSX 12-24 DUO H (10.204.55.60)	RFXN12-190 * (10.120.03.42)
		
2	PSX 12-24 DUO H (10.204.55.60)	RFXN12-190 (2x) * (10.120.03.42)
		

Fix load at every support point against shift of load when using a 4-point load moving system.
Attention: Do not overload a skate because of an uneven floor!

* 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	 stroke [mm]	 Running time under full load / charge time [h] with HTS- charger. Fast charger on request.	 radio frequency (others on request)
	number of wheels	 dimensions of wheel, diameter of ball bearing [mm]	 area of wheel [mm ²] surface pressure ▼ [N/mm ²]	 loaded area per skate [cm ²]	MAT
	maximum speed [km/h]	 required friction coefficient drive wheel / floor	 floor conditions		wheel material layer, core: AL aluminium, NY nylon, PU polyurethane, ST steel

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Single operation:

1	PSX 12-24 DUO H (only one skate) (10.204.55.60)	XN20S-B * (10.200.55.20)
2	PSX 12-24 DUO H (only one skate) (10.204.55.60)	XN20S-B-190 * (10.200.55.21)

Technical data lifting cylinder:

		 50 mm
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Accessories:

#	100.008.119 *		L x B x H 170 x 170 x 190 mm
	11,2 kg		20000 daN
	according to DIN 18202 Table 3, line 3		



* Not included in delivery.

Observe operating instruction, their safety instructions and local conditions!

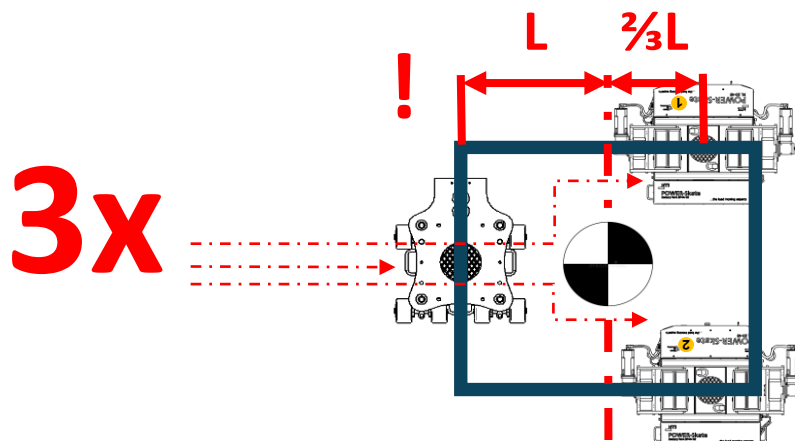
#	part no.		dimensions [mm] L x B x H		weight [kg]		capacity of skate [daN]		maximum tensile load [daN] with 2 additional support points
	dimensions of loaded area [mm]		turning circle D [mm] single skate		stroke [mm]		Running time under full load / charge time [h] with HTS-charger. Fast charger on request.		radio frequency (others on request)
	number of wheels		dimensions of wheel, diameter of ball bearing [mm]		area of wheel [mm²] surface pressure ▼ [N/mm²]		loaded area per skate [cm²]		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® XL PSX 12-24 DUO H

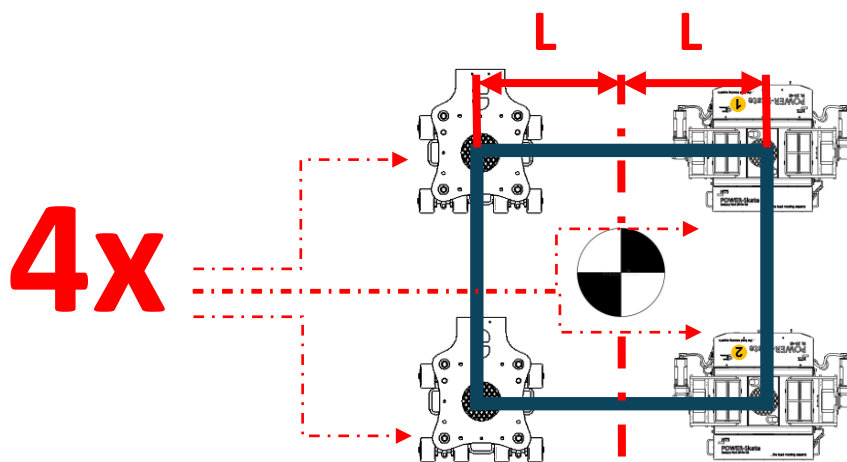
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Load distribution:



skates	max. single capacity	max. total capacity
PSX 12-24 DUO H + RFXN12	12t + 12t + 12t	36t



skates	max. single capacity	max. total capacity
PSX 12-24 DUO H + RFXN12 + RFXN12	12t + 12t + 12t + 12t	48t

Fix load at every support point against shift of load when using a 4-point support.

Attention: Do not overload a skate because of an uneven floor!

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
Ø	dimensions of loaded area [mm]	turning circle D [mm] single skate	stroke [mm]	Running time under full load / charge time [h] with HTS- charger. Fast charger on request.	radio frequency (others on request)
#	number of wheels	dimensions of wheel, diameter of ball bearing [mm]	area of wheel [mm²] surface pressure ▼ [N/mm²]	loaded area per skate [cm²]	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		