



Mototok SPACER 8600 NG

The safest and most effective way of
push back aircraft towbarless.
Electrify your Ground Handling.



FULLY ELECTRIC
DRIVE



REMOVED
CONTROLLED



HANDS FREE
LOADING & UNLOADING
WITH A TAP ON THE RC

mototok
easy moving

Technical Data		SPACER 8600 NG
Use for		double nosewheel
Field of application		Pushback
Maximum towing capacity ¹⁾		105 t 231,485 lbs
Maximum nosewheel weight capacity		10 t 22046 lbs
Dimensions (without antenna, grips on the surface)	width	2830 mm 111.42 inch
	length	3570 mm 140.55 inch
	height	702 mm 27.64 inch
Ground clearance		73 mm 2.87 inch
Max width of the nose wheel		840 mm 33.07 inch
Nosewheel diameter	min. ⁴⁾	640 mm 25.2 inch
	max	850 mm 33.46 inch
Unladen weight		5100 kg 11,244 lbs
Time to load/fix aircraft (approx.)		15 sec
Speed (approx.)		5.4 km/h 1.5 m/s 3.36 mph
Batteries (maintenance-free, deep cycle gel, high-current AGM)		330-400 Ah
Voltage		96 V
AC Microprocessor controlled electric motors		✓
Range / (depending on the workload)		3-4 days
Possible terrain		Concrete, stone
Drive wheel width		305 mm 12,01 inch
		563 mm 22,17 inch
Drive wheel diameter		563 mm 22,17 inch
Tyres		Puncture-proof super elastomer tyres
Standard Radio Remote Control		✓
Advanced radio remote control (with safety features, waterproof, certification of conformity), worldwide safety approval including airports, TÜV certified		✓
Optional Equipment		
Hydraulic Nosewheel Securing ²⁾		✓
Full automatic and manual aircraft loading		✓
Ground power cable for ground power connection 13,4V / 25,6 V (short time up to 1300 A) ³⁾		-
Driving light (LED, 10,000 hour operating life, very high beam range)		✓
Yellow flashlight		✓
Safety beeper		✓
Oversteering protection system		Electronic torque control with counter steering available
Oversteering Callibration Tool		available
Remote technical support over the cloud		connectable
Black box for recording driving data to reconstruct service cases and other events		available
Trailer coupling adaptor for multi-functional extensions		available
Military spiral cable connection (15 m) between aggregate and control unit		-
True Ackermann active 4-wheel-steering		on request
Automatic controls by ground markings (AGV)		available
Adaptations for special demands (i.e. military version / production range)		available

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