

LM 300S+/500+

Quality Process complying
with the EN-ISO 9001 standard
Machine directive 2006/42/CE

I MATERIAL LIFTING - ELECTRIC WIRE ROPE HOISTS

 PRODUIT DE FRANCE
FABRICATION FRANÇAISE

Fixator "+ Range" of second generation electric hoists for material lifting.

Single-phase, run on motor power of 230V and 110V on 50 or 60Hz:

- **LM300S+**: load capacity of 300 kg;
- **LM500+**: load capacity of 500 kg.



VERSATILITY

- ✓ Can be used on a variety of job sites
(Construction, Restoration, Elevators, Industrial, etc.)
- ✓ Unlimited working height
- ✓ Reeving kit to double load capacity *(optional)*



SAFETY

- ✓ Motor with fail safe primary brake
- ✓ Motor protected by thermal fuse
- ✓ Upper and lower limit switches stop the hoist to a top/bottom position
- ✓ Self-locking hook

Carrying handle

Pendant control



COMFORT

- ✓ Compact and light weight
- ✓ Robust - Billet Aluminium casing
- ✓ Portable and easy to handle
- ✓ Carrying handles for a better grip
- ✓ Pendant control
- ✓ Wireless Remote Control *(optional)*
- ✓ Stand for use through floor openings *(optional)*
- ✓ Storage box *(optional)*

Technical Features	LM 300S+ 461A	LM 500+ 461	LM 300 S+ 461H	LM 500+ 461B
Tension	Single-phase 1~ 230 V		1~ 110 V	
Frequency	50/60Hz	50/60Hz	50 Hz	
Load Capacity	300 kg (660 lbs)	500 kg (1100 lbs)	300 kg (660 lbs)	500 kg (1100 lbs)
Load Capacity with reeving kit <i>(optional)</i>	600 kg	990 kg	600 kg	990 kg
Operating speed	50Hz = 14 m/min 60Hz = 15 m/min	50Hz = 7 m/min 60Hz = 8 m/min	14m/min	7 m/min
Rated/starting current	50 Hz = 7-21 A 60 Hz = 9-21 A	50 Hz = 7-21 A 60 Hz = 9-21 A	/	/
Weight	34 kg	34 kg	16.5/54 A	15/50 A
Motor power	1.1 kW			
Dimensions	255x240x809 mm		303X240x809 mm	
Ø and type of wire rope	from Ø 1/4" to 17/64" (6.5 to 6.8mm) - 6x19 Mixed core galvanised Or Ø 1/4" (6.5mm) - 17x7 galvanised steel - 1/2 non rotating			
Operating temperature	-10°C / +55°C*		* Can be used between -20° and -10°C. See manual	
Upper and lower limit switch	Yes			
Overload protection <i>(optional)</i>	The hoist stops if max load capacity is exceeded			

LM 300S+/500+ VFD

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I MATERIAL LIFTING - ELECTRIC WIRE ROPE HOISTS



Fixator electric hoists for material lifting with variable frequency drive (or 2-speed control).

Single-phase, run on motor power of 200V-240V on either 50 or 60Hz:

- **LM300S+/LM 300S+ VFD:** load capacity of 300 kg;
- **LM500+:** load capacity of 500 kg.



VERSATILITY

- ✓ Can be used on a variety of job sites (Construction, Restoration, Elevators, Industrial, etc.)
- ✓ Unlimited working height
- ✓ Variable frequency VFD model for heavy or fragile loads - avoids jolts at start-up
- ✓ Reeving kit to double load capacity *(optional)*



SAFETY

- ✓ Motor with fail safe primary brake
- ✓ Motor protected by thermal fuse
- ✓ Upper and lower limit switches stop the hoist to a top/bottom position
- ✓ Self-locking hook

Carrying handle

Pendant control



COMFORT

- ✓ Compact and light weight
- ✓ Robust - Billet Aluminium casing
- ✓ Portable and easy to handle
- ✓ Carrying handles for a better grip
- ✓ Pendant control
- ✓ Wireless Remote Control *(optional)*
- ✓ Stand for use through floor openings *(optional)*
- ✓ Storage box *(optional)*

Technical Features	Type	LM 300S+ VFD 461F	LM 500+ 461K
Tension		Single-phase 1~ 200-240 V	
Frequency		50/60Hz	
Load Capacity		300 kg	500 kg
Load Capacity with reeving kit <i>(optional)</i>		600 kg	990 kg
Operating speed		Slow : 3 m/min Fast : 14 m/min	Slow : 1,2 m/min Fast : 7 m/min
Rated/starting current @ 50Hz		9-10 A	8.1 A
Rated/starting current @ 60Hz		10.5-11.5 A	
Weight		35 kg	
Motor power		1.1 kW	
Dimensions		338x268x809 mm	
Ø and type of wire rope		from Ø 1/4" to 17/64" (6.5 to 6.8mm) - 6x19 Mixed core galvanised Or Ø 1/4" (6.5mm) - 17x7 galvanised steel - 1/2 non rotating	
Operating temperature		* Can be used between -20° and -10°C. See manual	
Upper and lower limit switch		Yes	
Overload protection <i>(optional)</i>		The hoist stops if max load capacity is exceeded	

LM RANGE

| MATERIAL LIFTING - ELECTRIC WIRE ROPE HOISTS



STANDARD EQUIPMENT

- | Upper and lower limit switches
- | Self-locking hook
- | 3 button Pendant Control with IP 65 rated double insulation and 2.5 m of wire - 4 buttons on the VFD version



Limit switches



Clevis self-locking hook



Pendant control

OPTIONS

- | Extension for pendant control from 5 to 60 m (16.4 to 196.8 ft)
- | Wireless Remote control with IP 65 rated double insulation and 100 m (328 ft) coverage
- | Storage Box (50l or 120l capacity)
- | Mechanical overload to stop the movement of the hoist if maximum lifting capacity is reached
- | Stand for ground-mounted installation
- | Reeving kit to double the lifting capacity (2:1)



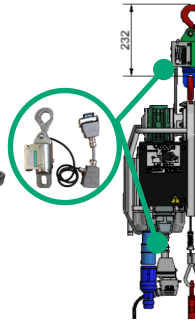
Extension for pendant control



Wireless remote control



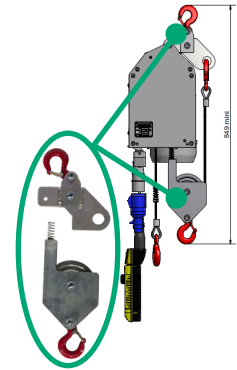
Storage box



Mechanical overload (included on VFD models)



Stand for use through floor openings (ground-mounted)



Reeving kit

