



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

BUILDING

ELEVATORS

INDUSTRY

WIND POWER

CE

LM 300S+/500+ VFD

I MATERIAL HANDLING I LM VFD 300-500 KG VARIABLE FREQUENCY ELECTRIC WIRE ROPE HOISTS

PRODUCT OF FRANCE
MANUFACTURED IN FRANCE

Fixator electric hoists for material lifting with variable frequency drive
allow smooth and progressive accelerations/decelerations.

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

- **LM 300S+ VFD**: 2-speed with load capacity of 300 kg;
- **LM 500S+ VFD**: 2-speed with 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 (dual speed) for
heavy or fragile loads - avoids jolts at start-up
- ✓ (optional) Reeving kit to double load capacity



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 and overload protection included



COMFORT

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



		M = Single-phase (1~)	VFD = variation frequency drive
Technical Features	Type	LM 300S+M VFD	LM 500+M VFD
		461F	461K
	Sales Reference	540184	540188
Working load limit (WLL)		300 kg	500 kg
Tension		Single-phase 1~ 208-240 V	
Frequency		50/60Hz	
Weight		35 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	
Motor power		1.1 kW	
Dimensions		338x268x809 mm	
Ø and type of wire rope		from 6.5 to 6.8mm - 6x19 Mixed core galvanised Or Ø 6.5mm - 17x7 galvanised steel - Semi-rotation resistant	
Operating temperature		-10°C/+55°C*	* Can be used between -20°C/-10°C. See manual
Upper and lower limit switch		Yes	
Overload protection		The hoist stops if max load capacity is exceeded: the electric overload is included	

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STANDARD HOISTING EQUIPMENT - THE PRODUCT IS DELIVERED WITH:



Upper and lower limit switches



Self-locking hook



5 button pendant control with 2.5 m of wire

USAGE OPTIONS

15m: 216020
20m: 216131
30m: 216130
40m: 216064
50m: 216057
60m: 216065



Extension
for pendant control

461504



Variable frequency drive
wireless remote control

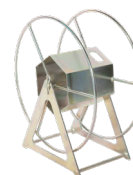
CABLE STORAGE OPTIONS

Up to 150m Ø 6.8mm: 390703



Reeler
Cable capacity depending
on cable length and diameter

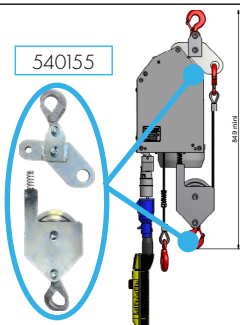
Up to 600m Ø 6.8mm: 390706



Turning reeler
Cable capacity depending
on cable length and diameter

INSTALLATION/RIGGING OPTIONS

540155



Reeving kit to double
the lifting capacity (2:1)

461021



Stand for use through floor
openings (ground-mounted)

50l: 010046
120l: 461066



Storage box
(50l or 120l)

010066



Metallic storage box
with 4 wheels (240l)

5 BUTTON PENDANT CONTROL:
UP, DOWN, FAST, RESET, STOP



OPTIONAL REMOTE CONTROL

FIXATOR

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FIXATOR
SAFETY AT THE VERY TOP