

# 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) Reeling 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

Technical Features		M = Single-phase (1~)	VFD = variation frequency drive	
Type	Sales Reference	LM 300S+M VFD	LM 500+M VFD	
Working load limit (WLL)		461F 540184	461K 540188	
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/startling current @ 50Hz	9-10 A		8.1 A	
Rated/startling 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



Variable frequency drive  
wireless remote control

## CABLE STORAGE OPTIONS

Up to 150m Ø 6.8mm: 390703



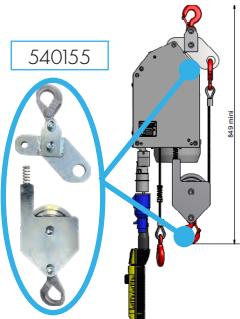
Reeler  
Cable capacity depending  
on cable length and diameter

Up to 600m Ø 6.8mm: 390706



Turning reeler  
Cable capacity depending  
on cable length and diameter

## INSTALLATION/RIGGING OPTIONS



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



Stand for use through floor  
openings (ground-mounted)

## TRANSPORT/STORAGE OPTIONS

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