

Anglia Handling Services Ltd.

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Biggleswade
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Full Member

IMER HOISTS



A

GEARMOTOR WITH GEARS IN OIL BATH

The gearmotor unit is made with helical-toothed steel gears in oil bath. The helical-toothed allows quieter running of the gearmotor, while the use of oil as lubricant offers higher protection and lengthens the life of the machine.

GUARANTEED AGAINST SELF-ENERGISING

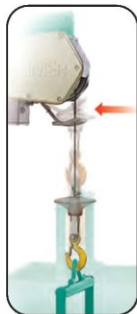
The self-energising phenomenon, caused by a current failure during the downward movement at full load, tends to increase the speed up to compromising the hoist and support structure. All our hoists are guaranteed against the phenomenon and always keep the downward speed within permissible limits.



B

DRUM TRANSVERSE TO THE MOUNTING BRACKET

The steel rope cable drum is installed transverse to the mounting bracket, this improves smooth winding and eliminates dangerous accumulation of the rope on one side only, caused by flexing of the support structures.



C

UPPER LIMIT SAFETY DEVICE

All hoists are fitted with an upper limit safety device with positive drive by thrust spring that stops the upward movement of the load in the highest point.

ARS DEVICE (ANTI REWINDING SYSTEM)

Models TR 225N, TR 225 2VN are fitted with the ARS device. This exclusive, lever/limit switch patented by Imer prevents reversing of the rope winding on the drum and keeps the machine damage-free.

ELECTRIC CABLES WITH NEOPRENE COATING

The electric cables and the pendant control cable type H07RN-F or A07RN-F are coated with Neoprene. This type of cables is advisable in on-site use, as it is highly resistant to mechanical stresses and atmospheric agents.

THERMAL PROTECTION

Total protection against overload. The TR 225 N, model is fitted with thermal protection or an overheat safety switch. The device controls the motor electrical input and turns it off in the event of overload, preventing damage to the machine.

CONTROLLED AND GUARANTEED PERFORMANCE

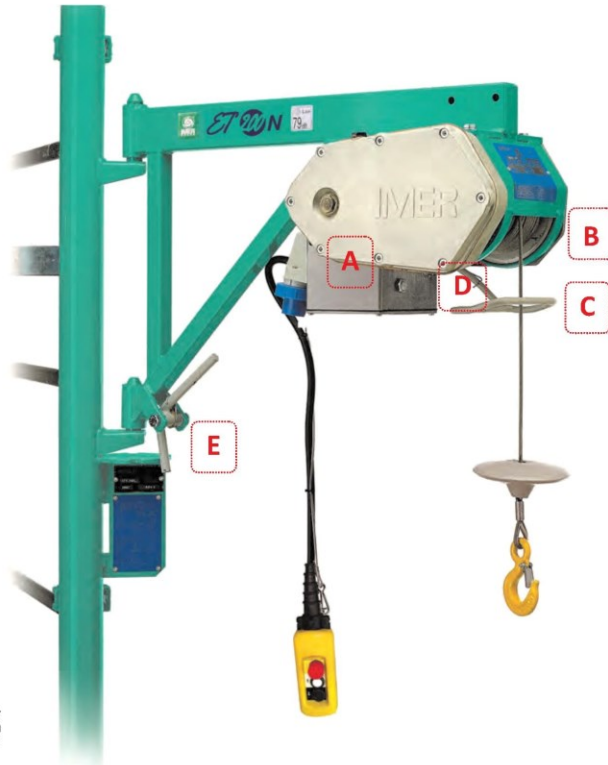
On-site electricity is subject to fluctuations: for this reason the capacity of our hoists is guaranteed for a comprehensive voltage change, from 210V to 235V. A change within these limits does not cause reductions of the hoist capacity.



D

DRUM WITH TWO FIXED TURNS OF STEEL ROPE

To warrant higher machine reliability and longer life, the drum is built with a special patented device, which when the metal rope is completely unwound, keeps two turns always wound. This prevents straining the rope attachment point on the drum.



E

WORK POSITIONING LEVER

The work positioning lever prevents dangerous rotation of the load that occurs during lifting or lowering operations. This device eliminates the risk of uncontrolled movement of the load, reducing risks for the operator and for damage to structures.



RECYCLABLE PACKING

All Imer hoists are packed in cardboard boxes and kept in place by air cushions to prevent damage during transport.

NORMATIVE REFERENCES

- Compliance with the requirements of Machine Directive (2006/42/EC)
- Compliance with EEC Directives (2006/95/EC, 2004/108/EC, 2000/14/EC)
- The following Harmonised Standards have been applied: EN ISO 12100-1-2, EN 60204-1

Directors: A.Jefferies
K.J.Logue
D.Elleman



Registered in England No. 1545263
Vat Registration: 335 2809 59

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ET 300 N

IMER Gantry Hoist capacity 300 kg

ET 300 Standard equipment

- ✓ Single-phase 230V/50Hz or single-phase 110V/50Hz electric motor
- ✓ IP67 plug
- ✓ Frame with 4 aluminium wheels
- ✓ Upper limit safety device
- ✓ Controls on single-phase version: direct with 3-pushbutton 1.5-m pendant control
- ✓ Positioning brake
- ✓ Self-braking motor with magnetic device

Applications

It ensures maximum reliability and durability. The gearmotor is built with helical-toothed steel gears in oil bath.



Gantry system for hoists
See page 20/21 for details.



110V/50HZ	230V/50HZ
MOTOR AVAILABLE	
✓ ET 300 N	

ET 300N		
Maximum capacity	kg	300
Av. Full load lifting speed	m/min	19
Max. working height	m	30
Ø steel rope	mm	5
Rope length	m	31
Motor power rate 110V/50Hz	kW	1.1
Motor speed	rpm	1320 (230V)/1320(110V)
Running current	A	18 (110V)
Machine weight	kg	50
SPL in operator's position	dB(A)	<75
Dimensions w/l/h	mm	330/780/380
Packing dimensions w/l/h	mm	350/820/440

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G500

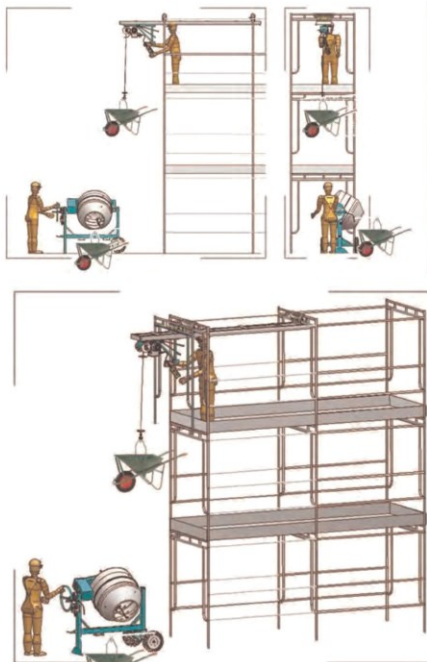
IMER Gantry Hoist capacity 500 kg

G500 Standard equipment

- ✓ Single-phase 230V/50Hz or single-phase 110V/50Hz electric motor
- ✓ IP67 plug
- ✓ Frame with 4 steel wheels
- ✓ Upper limit safety device
- ✓ Controls on single-phase version: direct with 3-pushbutton 1.5-m pendant control
- ✓ Positioning brake
- ✓ Self-braking motor with magnetic device

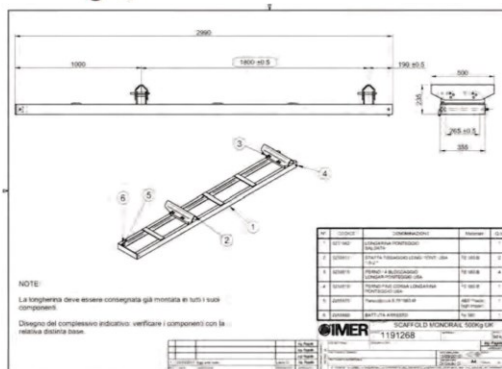
Applications

Thanks to its sturdy structure and powerful motor, it is particularly suitable for heavy duty use on site.



ELECTRIC MOTOR
SINGLE-PHASE

110V/50HZ	230V/50HZ
MOTOR AVAILABLE	
✓ G 500	



G500		
Max capacity	kg	500
Av. full load lifting speed	m/min	17
Max working height	m	42
Ø wire rope	mm	6
Rope length	m	43
Motor power rate	kW	1.5 (110V/50Hz)
Motor speed	rpm	1320
Running current	A	23
Machine weight	kg	50
SPL in operator's position	dB(A)	<72
Dimensions w/l/h	mm	382/800/410
Packing Dimensions w/l/h	mm	400/820/440

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