

IMER Hoists



Controlled Descent Protection

Prevents dangerous acceleration during lowering due to power failure under load. The built-in safety mechanism maintains a consistent, safe descent speed to protect both the hoist and surrounding structures.

Motor Protection Casing

Durable casing designed to protect the motor, cooling fan, and fan cover from impact and accidental damage. Improves reliability and extends the overall lifespan of the hoist.

Drum Transverse to the Frame

The steel rope drum is mounted transversely to the mounting bracket, ensuring smooth winding and preventing dangerous rope accumulation on one side caused by flexing of the support structure.

Cable Support for an Organised Workspace

Locking Lever

Prevents unwanted rotation of the load during lifting and lowering, enhancing operator safety and protecting surrounding structures.

Barycentric Lifting Hook

Centrally positioned hook for balanced lifting - designed to work with the hoist assembly kit for quick and easy setup

Handle for Easy Transport

Upper Limit Lever Doubles as a Grip Point

Gearmotor in Oil-Bath

Equipped with helical-toothed steel gears running in an oil bath for optimal lubrication and efficiency. The helical design ensures smoother, quieter operation, while the oil bath reduces wear and extends the machine's lifespan.

Upper Limit Lever

A mechanically triggered system that reliably stops the hoist at its maximum height. The dual-lever limit switch requires no adjustment and is mounted directly on the electrical panel to ensure precise, error-free operation.

Steel Rope Drum with Fixed Turns

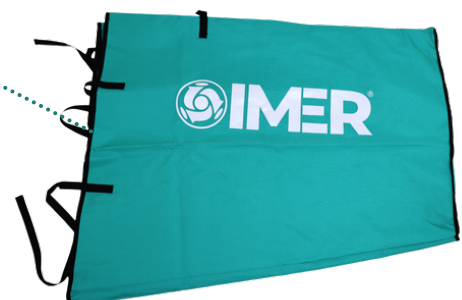
Features a patented system that retains two turns of steel rope on the drum at all times, even when fully unwound. This prevents stress on the rope's attachment point, improving safety, reliability, and extending the life of the hoist.

Electrical Cables in Neoprene Sheath

All power and pendant control cables (type H07RN-F) are sheathed in Neoprene for maximum durability. Ideal for on-site use, offering high resistance to mechanical stress and weather conditions.

Hoist Protection Cover

Made from tear-resistant, waterproof polyester, this cover features three fixing straps—two side and one top—for secure attachment to a scaffold or internal prop. Standard on all NEO range hoists and adaptable to all models, it protects the hoist from environmental conditions when not in use.



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, EN 12418, EN 1870

TR225 NEO

IMER Scaffold Hoist - Capacity 200KG

TELESCOPIC FRAME 720mm - 1120mm

IMER TR225neo

MADE IN
ITALY
79

110V/50HZ 230V/50HZ
MOTORS AVAILABLE

STANDARD EQUIPMENT

- Work Positioning Lever
- IP67 Plug
- Upper Limit Safety Device
- Self-Braking Motor with Magnetic Device
- Bracket can be Extended up to 1120mm
- Hoist protection cover

OPTIONAL ACCESSORIES

- Scaffold attachment pole
- Trolley available for use with Gantry
- 3-pushbutton IP65 pendant control 1.5m

200 kg



19 m/min



30 m



MACHINE SPECIFICATIONS	UNIT	TR225 NEO
Maximum Capacity	kg	200
Average full load lifting speed	m/min	19
Maximum working height	m	30
Diameter of steel rope	mm	4
Length of steel rope	m	31
Electrical power supply	V / Hz	110 / 50 Sph 230 / 50 Sph
Motor power rate	kW	0.75
Motor speed	rpm	1380
Running current 110V (230V)	A	14 (7.2)
Machine weight	kg	46
SPL in operator's position	db(A)	<70
Dimensions w/l closed (open)/h	mm	330/770(1170)/520
Packing dimensions w/l/h	mm	390/810/590

APPLICATIONS

Capable of lifting loads up to 200 kg, this hoist features a telescopic frame (720–1120 mm) designed to handle bulky materials safely—minimising the risk of impact with surrounding structures. Its low noise operation creates a safer, more comfortable environment for operators and nearby workers. Scaffold attachment pole available as an optional accessory.