

#### High efficiency

The load can be stacked in layers without requiring spacers and is always lifted from above, without causing any deformation or damage. Working and storage areas are optimised.



#### Long Charge

More than 500 loading/unloading operations without recharging the batteries. Effective energy consumption.

#### Maximum Freedom

The remote control enables the unit to be operated at a distance (up to 30 m) even in difficult areas to access.



# BAT GRIP

Serie 300/N

**Electro-permanent  
battery-operated magnetic lifter  
with remote control**

Ideal to handle loads of any  
dimension and shape

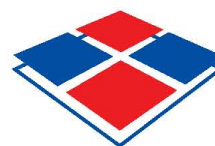
#### Concentrated Force

The neutral crown system enables the full force to be concentrated only on the poles, thereby ensuring the module's complete insulation in relation to adjacent ferrous loads at the same time.

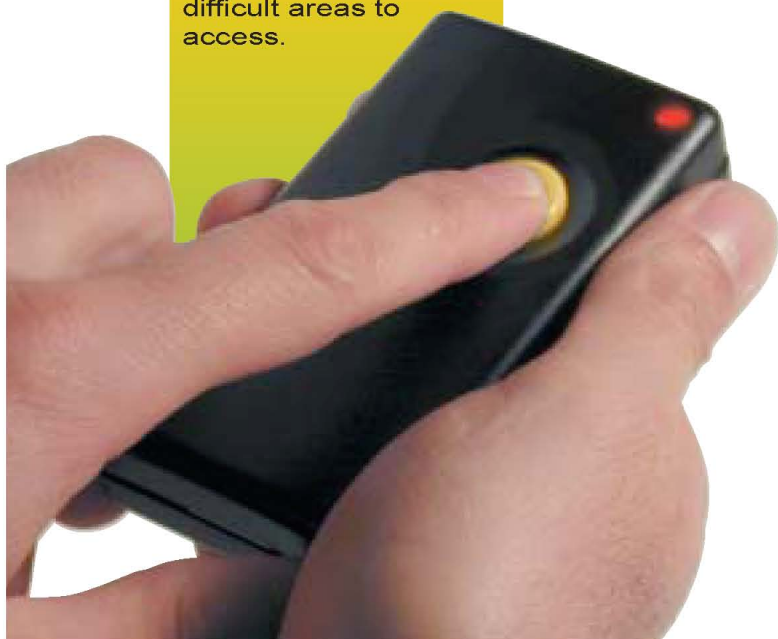
#### Maximum Safety

The load is held exclusively by the force of the permanent magnets, which remains constant for an period, without requiring any other electric power supply.

**2-year  
Warranty**



**TECNOMAGNETE®**  
Safety through power







## Electro-permanent battery-operated magnetic lifter with remote control

### Innovative technology

The technology of the QUADSYSTEM patent developed by TECNOMAGNETE has enabled a polar area to be created comprising 4 quadrangular poles arranged in a staggered layout that will be able to generate a large concentrated force through a horizontal and flattened circulation of the magnetic flux. The reversible double magnet circuit enables immediate demagnetising without any residual magnetism.



### Total convenience

The absence of thermal stress in the electro-permanent circuit enables the module to remain perfectly cold to ensure extended reliability without requiring specific maintenance. The Bat-Grip lifter combines the advantages of the intrinsic safety typical of an electro-permanent magnetic system with the practical and simple features of a battery-powered electronically controlled unit.

### Dautanac System

#### Anti-accidental deactivation

A magnetic sensor prevents operation of the magnetising and demagnetising controls (MAG/DEMAG) whenever handling operations are performed with the load raised above ground level.

These operations may only be performed when the lifting hook is not taut or with the load on the ground.



### Cycle frequency

The magnetising and demagnetising cycles last approximately 1 sec.

This can be performed using either the remote control or the push-button station on the lifting device.

### Easy-to-use

Bat-Grip can be easily hooked to fixed or mobile lifting plants, thereby ensuring the best ergonomics in the workplace and total safety for the operators and equipment.

### Operating Bar

360° tubular protection allows the lifter device to be handled easily, as well as avoiding accidental damage.



### Easy handling

The single block construction and the use of high-energy permanent magnets have made it possible to limit the weight and the size, making it remarkably strong and manageable.

### Total operating flexibility

Bat Grip enables work to be carried out without space and time limitations inside or outside production areas without electrical connections.



### Power supply

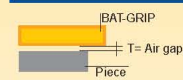
#### Easy to recharge

Bat Grip is supplied with a built-in battery charger, complete with recharging cable. Recharging can be conveniently carried out at weekends using a voltage of 220-240 V ac. for a period of 8 hours. The magnetising/demagnetising cycles are disabled if the battery charge is insufficient. This is indicated by a bright flashing light.

d.c. Batteries	2x12V
Capacity:	30Ah
Charging time:	8 hours
Charging voltage:	220/240 V a.c.
Type of battery:	Stationary lead
	Standardized

### Load characteristics

#### BAT-GRIP 300/N

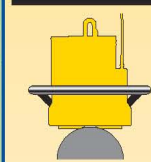


N.B.: Force/magnetic gap curve for a piece with a thickness of 40 mm. 1.57 in.



#### Flat load

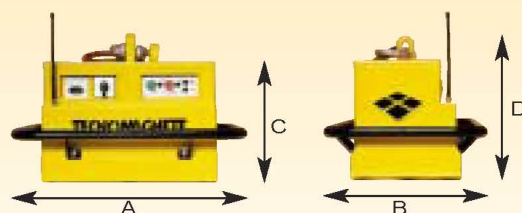
Max. load:	3,000 kg.	6600 lbs
Max. length:	3,000 mm.	118 in.
Max. width:	2,500 mm.	98 in.
Min. thickness:	25 mm.	0.98 in.



#### Round load

Max. load:	700 kg.	1540 lbs
Max. length:	2,000 mm.	78 in.
Min. diam:	200 mm.	7.8 in.
Min. thickness:	25 mm.	0.98 in.

### Technical data



A (length):	690 mm.	(27 in.)
B (width):	328 mm.	(13 in.)
C (height):	490 mm.	(19.3 in.)
D (with ring):	660 mm.	(26 in.)
Weight:	160 kg.	(352 lbs)

# TITAN<sup>®</sup>

TITAN CRANE CO., LTD.

1/19 หมู่ 1 ต.พิมพา อ.บางปะกง จ.ฉะเชิงเทรา 24180

โทร. +66 (038) 571 666-9 แฟกซ์ : +66 (038) 571 665

1/19 MOO 1 PIMPA, BANGPAKONG, CHACHOENGSAO 24180

Tel. +66 (038) 571 666-9 Fax : +66 (038) 571 665

www.titancrane.co.th E-mail : titancranemail@yahoo.com