

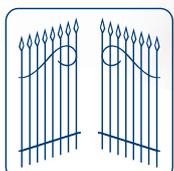


# HINDI 880 Sprint

## **Complete oil-hydraulic operator kit**

For swing gates with leaves of up  
to 1.80 metres

Intensive residential use



**FADINI**<sup>®</sup>  
the gate opener  
Made in Italy





## Residential use oil-hydraulic operator for swing gates with two leaves

# HINDI 880 Sprint



The **HINDI 880 Sprint** operator is an oil-hydraulic unit that is particularly suited to medium-sized swing gates with leaves of up to 1.80 metres. Driven by a pressurised oil circuit and thrust force system, the **HINDI 880 Sprint** operator is fitted with an oil-hydraulic lobe pump, a “perfect heart” that provides optimal efficiency and duration.

### Easy to install

The **HINDI 880 Sprint** is easy to install thanks to the two connectors with plugs to be applied to the leaves and support pillars, to allow the leaves to open and close.

Two types of operator are available and can be installed to suit user requirements: in the first case, when non locking units are used, an electric lock is required to be fitted to the gates; in the second case, it is the locking device, built-in inside the actuator, that ensures the gates are held in closed position. The **HINDI 880 Sprint** operator comes in a ready to install kit and the most complete model comes with oil-hydraulic pistons with closure block, operation logic programmer, photoelectric cells, flashing light, radio receiver and service wrenches for emergency release in the event of a blackout.

### Optimal safety and guaranteed long-lasting reliability

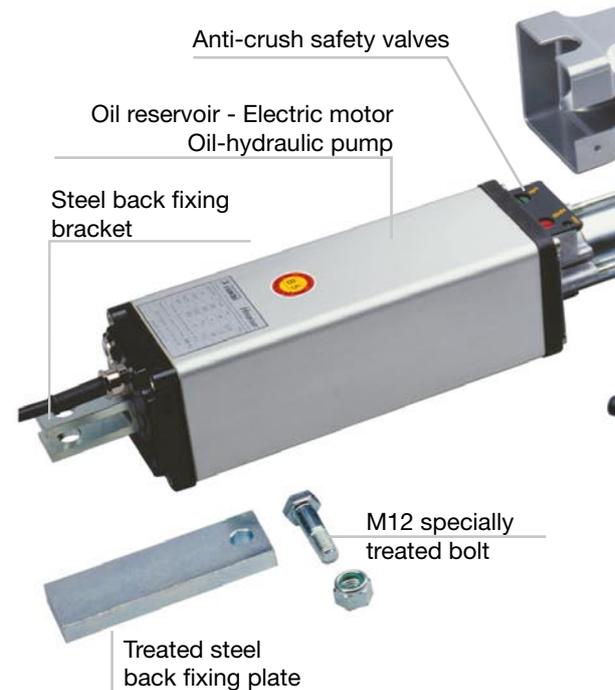
The anti-crush safety feature is guaranteed by maximum pressure valves that allow precise and stable thrust force regulation.

A protective cover shields the adjustment valves to prevent tampering.

The **HINDI 880 Sprint** operator is built entirely of pressure cast aluminium and steel is used for parts subject to heavy wear. The special hydraulic oil inside the piston and the tank is ideal for both high and low temperatures and allows regular piston operation within a temperature range of  $-25^{\circ}\text{C}$  to  $+80^{\circ}\text{C}$ .

Before installation, it is important to check that the gate structure does not have any faults on the metal parts, is unsteady or is difficult to move.

Repair the structural parts of the gate to eliminate friction, bends and rubbing on the ground, especially check the hinges supporting the leaf.



With non locking operators, an electric lock must be fitted to the gate that opens first.

Steel front fixing bracket with plate.



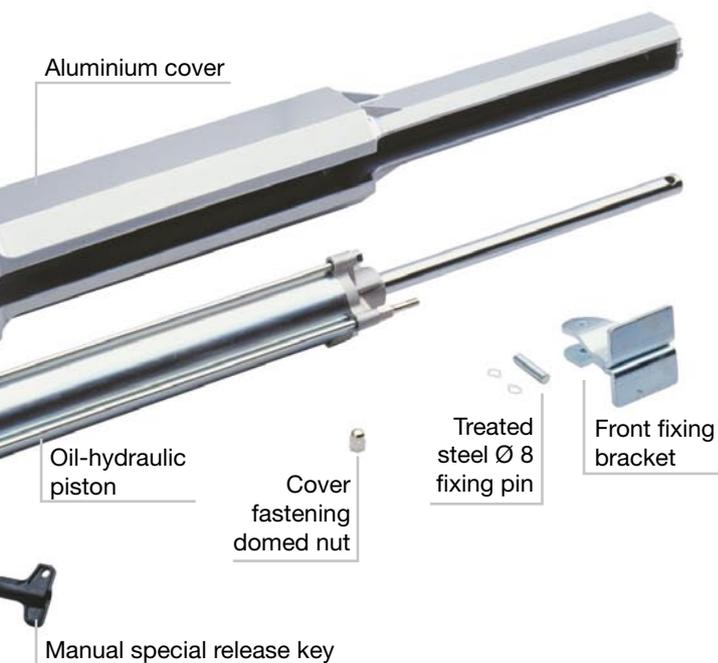
## Accessories



**ELPRO 13 EXP**  
electronic programmer



**ASTRO 43/2 R**  
plug-in radio receiver



**PRIT 19**  
keyswitch



**MIRI 4**  
flashing light with aerial and brackets



**TRIFO 11**  
pair of photocells



**ASTRO 43/2 TR Small**  
2 channel transmitter



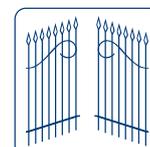
Kit package item code no. 8827.  
Some items may vary without previous notice.



Steel rear fixing plate.



Two operators locking in close position



**FADINI**  
the gate opener  
Made in Italy

# HINDI 880 sprint Gate operator



Electric Motor	
Power output	0.18 KW (0.25 HP)
Supply voltage / Frequency	230 V - 50 Hz
Absorbed current	250 W
Absorbed power	1.2 A
Motor rotation speed	1'350 r.p.m.
Capacitor	12.5 µF
Intermittent service	S3
Oil-hydraulic Piston and Hydraulic Pump	
Pump flow rate - P5	1.4 l /min.
Average working pressure	1 MPa (10 bars)
Max. pump pressure	3 MPa (30 bars)
Working temperature	-25°C +80°C
Time for one stroke	18 sec.
Type of hydraulic oil	FADINI A 15 by Agip
Stroke	240 mm
Piston diameter	45 mm
Shaft diameter	16 mm
Thrust power. Open	2'180 N
Thrust power. Close	2'380 N
Weight with accessories	9.5 Kg
Max. weight of the gate	120 Kg
Protection standards	IP 553
Overall dimensions (LxWxH)	965x86x86 mm
Duty cycle 18 s Opening - 60 s Stop - 18 s Closing - 60 s Stop	
Time of one complete cycle	156 sec.
No. of complete cycles Opening-Stop-Closing-Stop	N° 23/hours
Cycles a year, 8 hours' service a day	N° 67'000

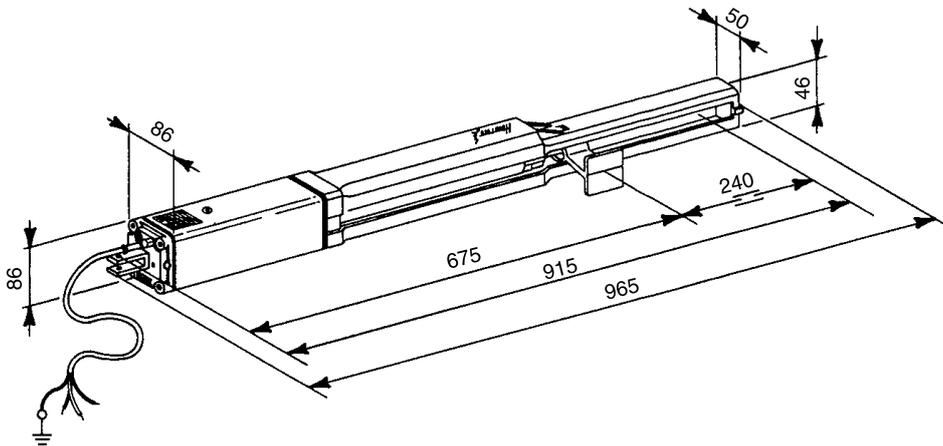
With non locking operators, an electric lock must be fitted to the gate that opens first.

#### NOTE WELL

All the oil-hydraulic operators, once installed, must be adjusted to the gate weight through the safety pressure valves. The valve "OPEN" must be set at a higher pressure than "CLOSE". The electric cable is supplied by the manufacturers with the operator in a suitable length and must be free to dangle. A remote control with unique code, an electronic programmer with several functions and safety accessories make the equipment fully automatic.

#### WARNINGS

- Should the operator be removed for maintenance, servicing or repair, tighten the air bleeding screw to prevent oil coming out of the reservoir during transport.
- Do not throw away waste oil and packaging materials (cardboard, polystyrene, nylon) which must be disposed of properly through a specialised company.
- All the electrical equipment must be properly earthed.



We recommend that installation complies with applicable regulations, the instructions enclosed and EN 12453 and EN 12445 standards in observance of essential EC requisites

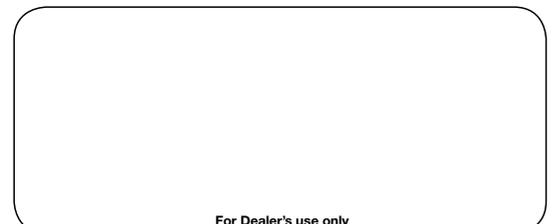


Directive 2003/108/EC  
Disposal of electric and electronic material  
**DO NOT DISPOSE OF AS NORMAL WASTE**  
**HARMFUL TO THE ENVIRONMENT**



AUTOMATIC GATE MANUFACTURERS

Via Mantova, 177/A - 37053 Cerea (Verona) Italy  
Tel. +39 0442 330422 r.a. - Fax +39 0442 331054  
e-mail: [info@fadini.net](mailto:info@fadini.net) - [www.fadini.net](http://www.fadini.net)



For Dealer's use only

The Manufacturer reserves the right to make changes to the product without giving notice