OSCO 725

Heavy Duty Slide Gate Operator

Pad or post mounted gate operator with high power brushless DC motor technology in a generous, rodent-resistant steel enclosure.

MADE ★ IN THE ★ USA
WITH GLOBAL MATERIALS

SCAN ME

Learn more about OSCO 725

FEATURES

POWERFUL Move gates up to 5,000 lbs and 90 ft.

DURABLE Rigid steel enclosure with corrosion resistant powder coat finish and locking cover.

UPS Standard battery backup to keep gates moving up to 4,000 ft. travel, with battery upgrades for up to 25,000 ft.

ADVANCED New SmartBLDC Power Module uses advanced technology to maximize motor power, provide ultra-smooth starts and stops, and manage battery charging.

FAST Model 25F opens large gates at double the speed of standard operators.

PROGRAMMABLE SmartTouch™ 725 controller offers over 70 user configurable settings to meet site specific requirements.

PRACTICAL DIAGNOSTICS Easy system troubleshooting with the Installer App and onboard event log.

MADE IN THE USA Designed, tested, and built within USA from globally sourced materials.

Installer App

The Installer App provides easy operator programming, monitoring, and diagnostics from a convenient smartphone interface.

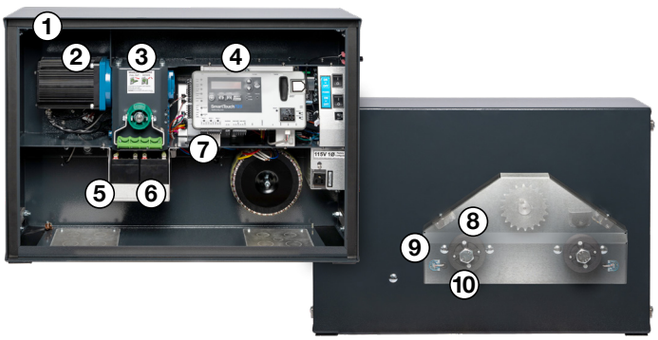
- Configure everything wirelessly from a smartphone interface.
- More than 70 user settings.
- Bluetooth and integrated HyNet Technology
- Built-in diagnostics and remote monitoring, management, and maintenance capabilities.

Download on the App Store

GET IT ON Google Play

OSCO 725 Heavy Duty Slide Gate Operator

1. Steel enclosure with close fitting, rodent-resistant locking cover
2. Powerful, heavy duty brushless DC motors
3. Releasing gearbox* for easy manual operation
   *Except Model 725-15
4. SmartTouch™ 725 Controller
5. Battery backup for continued operation after AC power loss



6. Upgradeable to 50Ah batteries for additional backup power
7. Available I/O Expansion module with 8 additional relays and 8 additional user-configurable inputs
8. Roller bearings on idler wheels for efficiency and long life
9. Contactless limit sensing marks end of travel in both directions
10. Sealed passthroughs to exclude nesting pests

SmartTouch™ 725 Controller

- More than 70 user settings
- Configure everything wirelessly from the smartphone interface
- Built-in diagnostic and remote monitoring
- Built-in management and maintenance capabilities
- Four Hy5B Vehicle Detector slots

SmartBLDC Power Module

- Controls all high power functions
- Optimizes battery management and solar charging
- Optimizes motor power, motor control, and limit sensing

Intertek

TECHNICAL SPECIFICATIONS

Model	OSCO 725-15	OSCO 725-25	OSCO 725-50	OSCO 725-25F
Duty Cycle	Continuous duty			
Motor	½ HP Brushless Motors		1 HP Brushless DC Motors	
Gear Box	Direct Drive	Direct Drive with Manual Release		
Rate of Travel	0.75, 1 or 1.25 ft/s (23, 30 or 38 cm/s) Open/Close speed set independently			1.75, 2 or 2.25 ft/s (53, 61 or 69 cm/s) Open/Close speed set independently
Gate Length Max.	50 ft (15 m)	100 ft (30 m)		
Gate Weight Max.	1,500 lb (680 kg)	2,500 lb (1,125 kg)	5,000 lb (2,250 kg)	2,500 lb (1,125 kg)
UPS Battery Backup Cycles	Field configurable to fail open or secure when batteries deplete. Standard battery backup gate travel: Two 8Ah batteries. Up to 4,000 ft (1,220 m) after AC power loss. Extended battery backup gate travel: Two 50Ah batteries. Up to 13,000 ft (3,900 m) after AC power loss.			
Temperature Rating	-13°F to 158°F (-25°C to 70°C)			
Operating Voltage	24VDC			
Input Voltage	115V or 208-230V 50/60Hz	115V or 208-230V 50/60Hz 1PH or 3 PH High Voltage Models 460V 3PH or 575V 3PH		
Accessory Power	24VDC at each input and solid state relay, 2A total			
Included Accessories	38 ft (11.6 m) of #40 corrosion resistant roller chain with steel mounting bracket, MegaCode Receiver, and 1 MegaCode Transmitter		45 ft (13.7 m) of #50 corrosion resistant roller chain with steel mounting brackets, MegaCode Receiver, and 1 MegaCode Transmitter	
Communication	USB, Ethernet, Bluetooth Low Energy, OXI receiver port, Nice BlueBUS, RS-485			
User Controls	SmartTouch 725 Controller with 70+ configurable settings. 32 character OLED display and 7 tactile buttons, Bluetooth Low Energy connection to HySecurity Smart Phone App15 Inputs including 5 control inputs, 2 dedicated entrapment sensor inputs, 3 user programmable inputs, Nice BlueBUS port, and 4 Hy5B Vehicle Detector sockets			
Relays	Three configurable user relays: Two 30VDC, 2A solid state. One 250VAC, 10A electromechanical; Optional IO Expansion Module for 8 additional relay outputs			
Finish	Zinc rich primer and powder coated steel cover/chassis			
ETL Listed (UL 325)	Usage Class I, II, III, IV			Usage Class III, IV
Cycle Tested	500,000 cycles			
Warranty	5 year (7 year single-family residential) with product registration			

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