

Model 844 | Slide Gate Operators with Oil Immersed Clutch

Features include:

- 230 VAC
- External limits
- Manual release
- “Soft Stop” on opening and closing
- 3/4 hp motor
- Oil immersed clutch which, when properly adjusted, limits the amount of pressure the operator can apply to moving the gate
- Pulling force: 100 lb (45 kg)
- Speed: 50 ft/min (12 m/min)
- Duty cycle: 30% motor run time
- Microprocessor control: choose from 6 operating logics:
 - A (automatic): signal to open; signal to close
 - S (security): similar to A logic, useful in reducing tailgating
 - E (semi-automatic): garage door-like operation; signal to open, signal to close
 - EP (semi-automatic) similar to E logic but second signal stops gate, third signal reverses gate
- B (manned, pulsed): designed for guard station use, requires 3-button switch (pulsed) to open, close and stop gate
- C (manned, constant): similar to B logic but 3-button switch requires constant pressure on each button
- Plus - push-button programmable - reverse on contact (programmable on and off) - built-in cycle counter

Model	Package Includes	Weight	Voltage	Number	Price
844 – Chain	One operator, 780 D control panel, 16 or 20 tooth sprocket, protective cover, limit switch plates, mounting angle brackets, chain-to-gate mounting hardware with nickelplated master links. Note: Chain is not included (see charts below)	43 lb (20 kg)	230 VAC	109902	\$1,934
844 – Rack & Pinion	One operator, 780 D control panel, 20 tooth pinion, mounting angle brackets and limit switch plates. Note: Rack is not included (see charts below)	43 lb (20 kg)	230 VAC	109837	\$1,934

Accessory	Description	Shipping Weight	Part Number	Price
Nickel Chain	Two master links shipped with each length of chain. Sold in 10 ft lengths only.	.5 lb/ft (.2 kg)	2000	\$6/ft
Stainless Steel Chain	"	.5 lb/ft (.2 kg)	2002	\$17/ft
Gear Rack	Galvanized steel rack is 3.28 ft long, works with any FAAC slider and comes with rack-to-gate hardware	6 lb (2.7 kg) per section	719323	\$51 per section
Foundation Plate	For ground level mounting, is 6 x 10.5 in., comes with rebar anchors to set in concrete pad	6 lb (2.7 kg)	2278	\$74
Mounting Pedestal	For elevated mounting, 18 in. galvanized	21 lb (9.5 kg)	2411	\$221
Photobeam	Directional with diagonal alignment; required for UL-325 compliance.	2 lb (1 kg)	785163	210
Receiver	FAAC single channel	1 lb (.5 kg)	1RP418DS	68
Transmitter	FAAC single button	1 lb (.5 kg)	1TM418DS	38
Transmitter	FAAC two button	1 lb (.5 kg)	787317	45
Antenna	FAAC tuned antenna kit	2 lb (1 kg)	412003	75
Control Panel (replacement)	Model 780 D	2 lbs	7909212	\$565
Control Panel (replacement)	Adapter Kit Replacement (w/780D board & access)	3 lbs	490114	\$580
Sprockets (replacement only)	Z16 – pin shaft		719137	\$75
			(No charge when ordered with operator only)	
	Z20 – pin shaft		719135	\$82
			(No charge when ordered with operator only)	

Maximum Gate Length is limited by the Pulling Force requirement and the 844's maximum motor run time of four minutes.

* Measurements and weights stated in this Price List are approximate. For exact specifications, please refer to the Installation Manual or contact our technical department at 1-800-221-8278.

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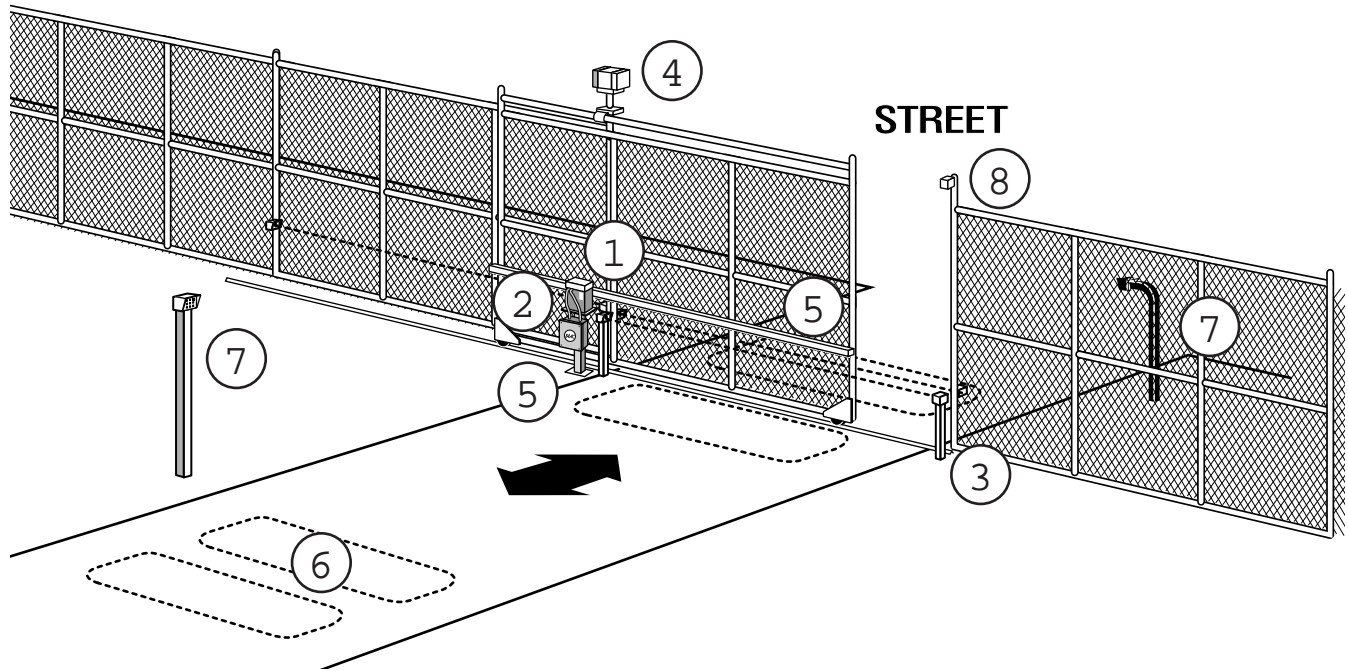
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FAAC Swing and Slide Gate Operators			
Application	Cycles Per Hour	Swing Model	Slide Model
Single family, Low Traffic	30	412/402/422 750/760	746, 885
Single family, Moderate Traffic	30	402/422 750/760	844 885
High Traffic	Continuous Duty	400	885

Slide Operators

Example of a Complete Slide Gate System



No.	Description	More Information
1	The slide gate operator automates the gate and is available with chain or rack and pinion drive: <ul style="list-style-type: none"> -Chain offers easy installation -Rack and pinion offers elegant, low maintenance and improved security 	
2	The U.L. Listed weather resistant accessory interface box houses the control panel for the operator and its accessories	Accessory interface boxes, pages 127-128
3	Photobeam sets help prevent entrapment between the sliding gate leaf and another object by using the safety logic of the control panel.	Photobeams, pages 18-19 Other reversing devices, pages 116-120
4	The warning light alerts anyone near the gate of its movement and can light the gateway.	Warning lights with varied logics, page 123
5	The mounting pedestal provides a platform for mounting the operator.	
6	Vehicle sensors (inductive loops) activate the operator to prevent the gate from closing on a vehicle. Talk to our sales staff about whether your installation requires a safety, free exit, and/or closing (security) loop.	Loop detectors and loops, pages 116-120
7	Activating switches allow the opening or closing of the gate. The switch may be activated by the following: <ul style="list-style-type: none"> -Key -Card -Keyboard code 	Entry systems and devices, pages 106-116
8	The antenna for the radio receiver and transmitter allows remote control of the gate.	Radio systems, pages 115-116

Slide

Slide Gate Operators



- Designed for residential and light commercial applications
- Two year limited warranty (see back cover)

FAAC operators for sliding gates are among the safest available. The anti-entrapment and security protection provided by all gate operators can and should be improved with photocells, loop detectors, sensing edges and/or other similar devices. FAAC strongly recommends that devices such as these be installed with all automated gate systems.

To guarantee the safety and efficiency of its equipment, FAAC strongly recommends that qualified personnel test the safety system on an annual basis, as well as maintain the overall hydraulic or mechanical system.

Models 746 and 844

Model 746 | Slide Gate Operators

Features include:

- 230 VAC
- External limits
- Manual release
- “Soft Stop” on opening and closing
- 1/2 hp motor
- Pulling force: 35 lb (16 kg)
- Speed: 50 ft/min (12 m/min)
- Duty cycle: 50% motor run time
- Microprocessor control: choose from 6 operating logics:
 - A (automatic): signal to open; signal to close
 - S (security): similar to A logic, useful in reducing tailgating
 - E (semi-automatic): garage door-like operation; signal to open, signal to close
 - EP (semi-automatic) similar to E logic but second signal stops gate, third signal reverses gate
 - B (manned, pulsed): designed for guard station use, requires 3-button switch (pulsed) to open, close and stop gate
 - C (manned, constant): similar to B logic but 3-button switch requires constant pressure on each button
- Plus
 - push-button programmable
 - reverse on contact (programmable on and off)
 - built-in cycle counter

Model	Package Includes	Weight	Voltage	Number	Price
746 – Chain	One operator, 780D control panel, 16 or 20 tooth sprocket, protective cover, limit switch plates, mounting angle brackets, chain-to-gate mounting hardware with nickel plated master links, warning signs Note: Chain is not included (see charts below)	50 lb (22.7 kg)	230 VAC	109775	\$1,484
746 – Rack & Pinion	One operator, 780D control panel, 20 tooth pinion, mounting angle brackets and limit switch plates Note: Rack is not included (see charts below)	44 lb (20 kg)	230 VAC	109773	\$1,484

Accessory	Description	Shipping Weight	Part Number	Price
Nickel Chain	Two master links shipped with each length of chain. Sold in 10 ft lengths only.	.5 lb/ft (.2 kg)	2000	\$6/ft
Stainless Steel Chain	“	.5 lb/ft (.2 kg)	2002	\$17/ft
Gear Rack	Galvanized steel rack is 3.28 ft long, works with any FAAC slider, comes with rack-to-gate hardware	6 lb (2.7 kg) per section	719323	\$51 per section
Foundation Plate	For ground level mounting, is 6 x 10.5 in., comes with rebar anchors	6 lb (2.7 kg)	2278	\$74
Mounting Pedestal	For elevated mounting, 18 in. galvanized	18 lb (8.2 kg)	2411	\$221
Photobeam	Directional with diagonal alignment; required for UL-325 compliance.	2 lb (1 kg)	785163	210
Receiver	FAAC single channel	1 lb (.5 kg)	1RP418DS	68
Transmitter	FAAC single button	1 lb (.5 kg)	1TM418DS	38
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Control Panel (replacement)	Model 780 D	2 lb (.9 kg)	7909212	\$565
Control Panel (replacement)	Adapter Kit Replacement (w/ 780D board & access)	3 lb (.9 kg)	490114	\$580
Sprockets (replacement)	Z16 – pin shaft		719137	\$75 (No charge when ordered with operator only)
Z20 – pin shaft			719135	\$82 (No charge when ordered with operator only)

* Maximum Gate Length is limited by the Pulling Force requirement and the 746’s maximum motor run time of two minutes.* Note: Measurements and weights stated in this Price List are approximate. For exact specifications, please refer to the Installation Manual or contact our technical department at 1-800-221-8278.

* The anti-entrapment protection and security protection provided by the 746 can and should be improved with photocells, loop detectors, sensing edges and/or other similar devices. FAAC strongly recommends that devices such as these be installed with all automated gate systems.