

Natural Gas Powered Winches

1000 to 10000 lb (455 to 4545kg) capacity



The first natural gas powered winches in the world!

Models

BU7A-PR	1000 lbs
EU-PR	2000 lbs
FA2B-LMX1R	4000 lbs
FA5A-LMX1R	10000 lbs

Standard features

- Radial piston motor
- Local throttle
- Manual band brake
- Marine grade, corrosion resistant finish
- Free spool clutches on BU7A-PR and EU-PR
- Rated at 90 psig inlet pressure on gas with less than 4% sulfur content. Gas line filtration is recommended.

Piped away exhaust

The natural gas exhausting from the winch should be routed away from the operator's work area. To accommodate this, all control valve and motor vents are plumbed together to provide a single port for easy attachment to an exhaust line.

Gas Smart Redesign provides a "gas tight" winch

Modifications to various components such as the crankshaft and motor case allow the addition of **Viton** lip seals. These seals encapsulate the natural gas within a closed loop system consisting of the control valve, motor and exhaust assembly. This prevents the natural gas from contaminating the local environment.

Natural gas-resistant Viton seals and gaskets used on:

- | | |
|------------------------------------|---------------------------|
| • Piston cover gaskets | • Exhaust cover gasket |
| • Rotary valve gasket | • Motor case gasket |
| • Reverse valve poppet | • Reverse valve seal |
| • Auto disc brake on FA2B and FA5A | • Motor output shaft seal |



BU7A-PR



EU-PR



FA2B-LMX1R

Specifications

Series	Capacity		Line speed	
	lbs	kg	fpm	m/min
BU7A-PR	1000	455	45	14
EU-PR	2000	909	68	21
FA2B-LMX1R	4000	1818	96	29
FA5A-LMX1R	10000	4545	32	10

BU7A-PR-E, FA2B-LMX1R-E and FA5A-LMX1R-E are fitted as standard with the following CE package:

- 1 Drum guard
- 2 Emergency stop valve (main air shutoff)
- 3 Exhaust muffler
- 4 CE documentation