



ERGO LIFTING
— TECHNOLOGIES —

FKM-4400



STANDARD FEATURES AND EQUIPMENT

CHASSIS

- Fork mountable with locking pins
- Fork clamp screws with extended T-handles
- 3-Bank, 30-Amp On-Board Battery Charger, Maintainer, and Battery Desulfator
- Impact resistant circuit breakers

VACUUM

- Dual brushless vacuum system
- Pump operation feedback
- Automatic vacuum level control
- Tree assembly accepts variety of cup sizes
- Bi-directional spring loaded mounts
- 4 standard 12" x 20" rectangular suction cups capable of 550 lbs per cup with a safety factor of 2

HYDRAULICS

- 24 DC intermittent hydraulic motor capable of 3,000 PSI
- Proportion control for smooth operation

SAFETY

- Strobe light operates
- Low vacuum level alarm
- Vacuum check valves

CONTROL

- 7 direction manipulator motions
- Hi-Low dial for fine adjustments

CONSOLE

- Controls on unit include:
 - Battery master switch
 - Hour meter
 - Vacuum gauge
 - Battery charge gauge

WIRELESS REMOTE

- Wireless remote includes:
 - Proportionally controlled paddles for all functions
 - Vacuum and release switches
 - Emergency stop
 - Analog vacuum readout, machine status and analog read out of each individual control on graphic display



SPECIFICATIONS

FKM-4400

DIMENSIONS

FKM-4400 CHARACTERISTICS	SPECIFICATIONS
Lift Capacity	4,400 lbs.
Extended Length	67" - 77"
Chassis Length	48"
Width	42"
Height	51"
Unladen Weight	2,100 lbs.

POWERED MANIPULATION FUNCTIONS

CONTROL	ASSEMBLY	DIRECTION
1	Boom Angle	Up 90° / Down 45° from Chassis
2	Boom Length	In/Out 10"
3	Horizontal to Vertical Tilt	Parallel to Ground & Overhead
4	Rotate	CW/CCW 180° in Total
5	Swivel	Left/Right 60° Total
6	Side Shift	Left/Right 6" Total



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