

# Commander 15*i*



# 15*i*

## COMMANDER

The newest generation design still delivers all the key advantages of the world's best-selling loaders.

**Commander versatility** handles nearly every kind of commercial aircraft load and need, with easy adaptability to specific ground handling operations and procedures.

**Commander durability** extends useful life cycle requirements, as proven over and again on the ultimate testing ground of the ramp itself.

**Commander ease of operation and safety** means keeping up with today's hectic pace while simultaneously reducing risk to personnel, equipment, aircraft and cargo.

And, total **Commander dependability** meets the highest standards, most rugged demands, and tightest schedules, day after day and year after year.

Plus you receive the added value of unmatched ongoing service.

Behind the Commander 15i stands the unparalleled partnership of FMC Airport Systems, the world leader in loaders

Extending the full life of the product, no matter how many decades that may be, this support includes:

- Performance oriented engineering, computer aided design and start-of-the-art manufacturing.
- The industry's most effective and complete training programs, product manuals and technical updates
- Local support from full-time parts specialists based throughout the world



## Lower Deck Container / Pallet Loader

**Innovative improvements to the world's most trusted loader**

The best aircraft loader in the world continues to get even better. In the Commander 15i, the *i* stands for:

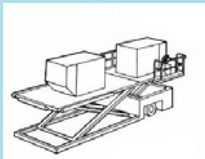
**Improved reliability** due to...  
...a hydraulic system that eliminates over 132 potential leak points  
...a new generation HeliRoll® bridge deck with fewer moving parts

**Improved maintainability** provided by...a PLC diagnostic readout for easier troubleshooting

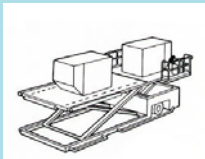
**Improved configurations and affordability...**for greater freedom in choosing features to meet specific operational parameters-including an electric power option with zero emissions

Available in three configurations:

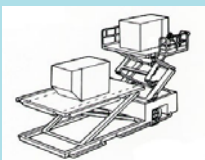
Standard



Wide



Universal



**FMC Technologies**

### Standard Features:

- Swing-out power module
- PLC diagnostic panel
- Stand-up operator's platform
- Solid rubber tires
- Adjustable operator's platform
- Hydraulic fold-down front platform wing
- Container bridge with 5 HeliRoll rows
- Emergency electric hydraulic pump
- Hydraulic height adjustment to rear boggy wheels , Steel deck plates, Proximity switches
- End/side transfer capability

### Optional Features:

- Battery electric power
- Wide capability
- CE certification option package
- Powered operator's platform
- Various warning horns/alarms/beacons available
- Various side transfer/container rotation
- Fold-down wings
- Bridge tilt, Hush kits,
- Work lights & turn signals
- Aircraft following system
- Aluminum deck plates
- Cold weather packages

### FMC Technologies, Inc.

Ground Support Equipment  
7300 Presidents Drive  
Orlando, FL 32809, USA  
Tel: +1 407-851-3377  
Fax: +1 407-850-2839

### Madrid:

Crta. De Barcelona, Km 34,400  
28805 Alcala de Henares  
Madrid, Spain  
Tel: +34 91-877-5889  
Fax: +34 91-877-5881

### London:

658 River Gardens  
North Feltham Trading Estate  
Feltham, Middlesex, Tw14 0RB,  
UK  
Tel: +44 20-8587-0666  
Fax: +44 20-8587-0660

### Singapore:

6 Loyang Lane, #03-00  
Young Heng Industrial Building  
Singapore 508920  
Tel: +65 6-542-9255  
Fax: +65 6-542-7493

[www.fmcairline.com](http://www.fmcairline.com)

# Specification Commander 15i

**Lift Capacity** 7,000 kg (15,400 lb)

**Propulsion speed** 11 km/hr (7 mph)

Overall Dimensions	Standard	Wide	Universal
Length	8,690 mm (342 in)	8,690 mm (342 in)	8,690 mm (342 in)
Width (including cab)	3,556 mm (142 in)	4,224 mm (166 in)	4,224 mm (166 in)
Height (including cab)	3,023 mm (119 in)	3,023 mm (119 in)	3,200 mm (126 in)
Wheelbase	3,252 mm (128 in)	3,252 mm (128 in)	3,252 mm (128 in)

Lift Elevation	Maximum	Minimum
Bridge	3,600 mm (141.7 in)	1,753mm (69 in)
Rear Platform	3,556 mm (140 in)	483mm (19 in)
Main deck configuration:	5,588 mm (220 in) opt.	1,930 mm (76 in) opt.

Platform Lift Speeds	
Bridge	4.6 mpm (15 fpm)
Rear Platform	13.7 mpm (45 fpm)

Convey System	
Surface	Patented HeliRoll deck and straight roller
Speed	18.3 mpm (60 fpm)

Power Unit	
Standard Engine	BF4M 2012 Diesel Engine 75 kW (99 hp)@ 2,500 rpm
Optional Power	Battery electric power 160 Vac

Hydraulic System	
	Load Sensing, Pressure Compensated - 121 LPM @ 240 bar (32 gpm @ 3,500 psi)

Electrical System	
Common Relays	24 Vdc, PLC controlled advanced diagnostics and control system

Turning radius	7.9 m (26 ft.)
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Propulsion Systems	3 infinitely variable speed settings, hydrostatic drive
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Brakes	Hydraulic / Dynamic with spring applied park
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### The Commander 15i services these aircraft:

Commander Configuration	Main Deck -	Lower Lobe -
Standard	707, 727, 737, DC-8, DC-9, BAE146	747, 767, 777, MD-11, DC-10, L-1011, A-300, A-310, A-320, A-321, A-330, A-340, A-380
Wide	707, 727, 737, DC-8, DC-9, BAE146	747, 737, 777, MD-11, DC-10, L-1011, A-300, A-310, A-321, A-330, A-340, A-380, 767 125" wide door
Universal	707, 727, 737, 747, 757, 767, 777, MD-11, DC-8, DC-9, DC-10, A-300, A-310, A-330, A-340, L-1011	747, 767, 777, MD-11, DC-10, L-1011, A-300, A-310, A-330, A-340, A-380, 767 125" wide door



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