

Commander 15*i*



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
15*i*, 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 trouble-
shooting

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

The newest generation design still delivers
all the key advantages of the worlds 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 un-
matched ongoing service.

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

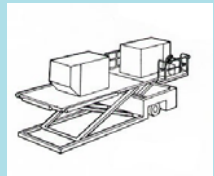
Extending the full life of the product, no
matter how many decades that may be, this
support includes:

- 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

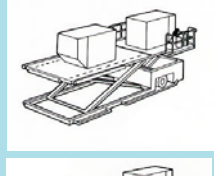


Available in three configurations:

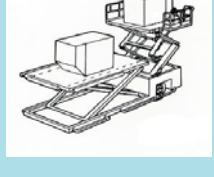
Standard



Wide



Universal



Specification Commander 15i

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 Heli-Roll rows
- Emergency electric hydraulic pump
- Hydraulic height adjustment to rear boy 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

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www.fmcairline.com

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	3,556 mm (140 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	24 Vdc, PLC controlled advanced diagnostics and control system		
Common Relays			
Turning radius	7.9 m (26 ft.)		
Propulsion Systems	3 infinitely variable speed settings, hydrostatic drive		
Brakes	Hydraulic / Dynamic with spring applied park		
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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