



Commander 60i Loader

The Commander 60i heavy weight cargo loader carries on with the [Value of Reliability](#) tradition with a lift capacity of 30,000 kg (66,000 lb) and a bridge capacity of 15,000 kg (33,000 lb) providing main and lower deck container loading on a wide variety of passenger and freighter aircraft. The Commander 60i offers the LIFTsmart™ rear platform which ensures smooth lifting and stability with heavy loads.

JBT AeroTech's Commander 60i delivers a lower Total Cost of Ownership with design focused on safety, ease of operation, maintenance, reliability, and durability. Features including HeliRoll® convey system, automatic platform positioning system, swing out power module and Onboard Diagnostic System (ODS) provide safe and efficient operations, lower maintenance costs per hour of operation and greater uptime.



Commander 60i Standard Features

Lift Capacity

Rear Platform (Maximum)	30,000 kg (66,000 lb)
Bridge (Maximum)	15,000 kg (33,000 lb)
Bridge Transfer (20 ft pallet)	30,000 kg (66,000 lb)

Aircraft	C60i	
	Lower Deck	Main Deck
B727/B737/DC8	NC	●
B757	NC	●
B767	①	●
B787	●	NF
B777/B747/A300/A310/A330	●	●
A340/A380	●	NF
DC10/MD11	●	●

① - B767 Standard and 125" wide door

NC - Non Containerized

NF - No Freighter

Dimensions

Operating Height - (Maximum)	5.59 m (220 in)
Operating Height - Bridge (Minimum)	1.93 m (76 in)
Operating Height - Rear Platform (Minimum)	0.49 m (19.5 in)
Operating Width (Maximum)	3.25 m (128 in)
Overall Length	12.7 m (500 in)
Overall Width (Including Operator Station)	4.39 m (173 in)
Overall Height - (Minimum with Handrails)	3.0 m (118 in)
Wheelbase	4.97 m (196 in)

Operating Performance

Lift Speed (Rear Platform)	12.2 m/min (40 fpm)
Lift Speed (Bridge)	6.1 m/min (20 fpm)
Convey Speed	18.3 m/min (60 fpm)
Drive Speed (Maximum)	11 km/hr (7 mph)
Turning Radius	11.7 m (38.5 ft)

Engine

Deutz TCD 2012 L6, 129 kW (173 hp), COM/Tier 3

Power Module

Swing-out Power Module with Hinged Front Doors
 Electric Emergency Hydraulic Pump
 Hydraulic Tank with Temperature/Fluid Level/Sight Gauges
 High Pressure Hydraulic Oil Filtration

Main Frame

Hydrostatic Drive Propulsion with Hydraulic/Dynamic Braking
 Hydraulic Activated Stabilizers - 10
 Pneumatic Tires Mounted on Independent Drive Modules
 Rear Bogy Wheels (4 each side) - Adjustable Height
 Quick Disconnect Hubs for Towing

Operator Station

Separate Driver and Operator Stations
 Powered Adjustable Operator Station - Forward and Aft
 Adjustable Handrail on Front of Operator Station
 Driver Back Support

Electrical

24-Volt DC with Heavy Duty Starter and 80 Amp Alternator
 Battery - Two (2) x 12V 950 CCA
 PLC Controllers with Onboard Diagnostic System
 Headlights, Tail Lights, Reverse Lights, Emergency Flashers, Variety of Beacons and Audible Alarms

Controls and Instruments

Lighted Instrumentation Panels
 Keyless Ignition Switch
 Emergency Stops
 Engine Trouble Lights
 Engine Hourmeter and Fuel Gauge
 Horn

Bridge

Pallet Bridge with Pallet Side Shift
 Automatic Drive Speed Limit with Bridge Raised
 Powered Folding Wings with Powered Front Roller
 HeliRoll® Convey System
 Removable Aluminum Deck Plates
 Folding Handrail - LHS
 Maintenance Stands
 Powered Side Guides
 Full Width Aircraft Protection Bumpers on Front Edge
 Bridge Tilt

Rear Platform

Right/Left/Rear Load, Side-Shifting, Pallet Rotation
 Rear/Center Rotation and Pallet Side-Shift
 Hydraulic Stops - Front, Rear, LHS, RHS
 HeliRoll® Convey System
 Removable Aluminum Deck Plates
 Automatic Positioning System
 Fragile Load Mode



Commander 60i Options

Requirement Packages

CE Requirement Package

Operator Station

Automatic Cab Retract - Drive Mode
Corner Bumper - Heavy Duty or Soft White
Vinyl Console Cover
Toggle Switch Boot
Light Spring OEM Joysticks
Variety of Rear View Mirrors - RHS, LHS

Bridge

Automatic Aircraft Height Following
Spring Assist and Latch for Folding Handrail
Hydraulically Extendable Handrail
Lagged Forward Rollers
Underside Protection

Rear Platform

Coupler Roller Shaft Protection
Lagged Rollers - Rear, RHS, LHS
Roller Protection - Rear and Side Transfer
Truck Bed Transfer - Rear or Rear and Side - 1.52 m (60 in)
Truck Bed Transfer - Rear or Rear and Side - 1.65 m (65 in)

Electrical

Auto Chassis Raise/Lower
Circuit Breakers in Place of Fuses
Audible Alarms - System Fault, Propel Forward, Rear Platform Raising

Power Module

Main Battery Disconnect Switch
Engine Instrument Gauges - Oil Pressure, Voltmeter, Temperature
Filter Minder - Air Filter Indicator
Keyed Ignition Switch
Low Fuel Shutdown
Manual Emergency Pump - Platform/Stabilizer Retract
Power Module Hold Open Latch

Lights

E-Stop - Lighted when Activated
Beacon - Amber Continuous, "On" with Ignition
Beacon - "On" with Drive Mode
Lights "On" with Ignition
Work Lights - Front Underside of Bridge and Rear Platform
Head Light Protection

Hydraulic

Shutdown - Low Hydraulic Level
Drip Shield
High Capacity Desiccant Hydraulic Oil Tank Filter

Maintenance

Emergency Towing - Rear
Tow Bar Stowage on Side of Chassis
Jump Start Connector - Anderson

Cold Weather

Winterization to -40°C/-40°F, 120V or 240V

Fire Extinguisher

Fire Extinguisher (Purple K) - 2.25 kg (5 lb) - Mounted Front RHS

For the complete range of options available please contact your Sales Representative





Features of the Commander 60i

Heavyweight of the Commander Family

The Commander 60i is designed and built with the reliability and durability of the MDL-60 along with the operational and maintenance features found in the rest of the Commander family.

A longer rear platform has enough space for three 98 x 128 ULD's providing faster and more efficient loading and unloading. The heaviest loads are conveyed efficiently in all directions on a single plane with no dead spots as the HeliRoll® system covers the complete platform.

The 15,000 kg (33,000 lb) capacity bridge can accommodate 30,000 kg (66,000 lb) 6.1m (20 ft) containers for transfer. Adjusting wings allow interfacing with a variety of aircraft doors, with no attachment hooks for heavy loads.



Easy access maintenance is assured with a swing out power module providing unlimited access to major components and the PLC based Onboard Diagnostic System ensures minimal downtime with instant trouble shooting data.



LIFTsmart™

The patent pending LIFTsmart™ closed loop automatic lifting system ensures smooth uplifts and improved stability with heavy or off centered loads.

Switch to fragile lift mode and the platform lowers in slow speed to handle sensitive loads such as livestock and electronic components.



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