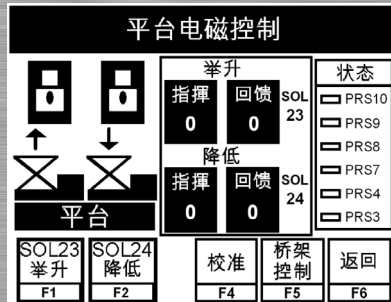
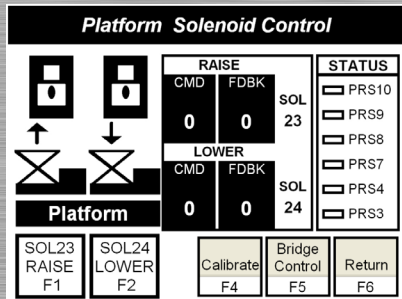


Featured Options for Commander 30i

The Commander 30i cargo loader provides the Value of Reliability with a platform lift capacity of 15,000 kg (33,000 lb) and a bridge lift capacity of 7,500 kg (16,500 lb) for main and lower deck container loading on a wide variety of passenger and freighter aircraft. The Commander 30i is available in different configurations including standard winged bridge and heavy winged or fixed bridge.

JBT AeroTech's Commander 30i delivers a lower Total Cost of Ownership (TCO) with a design focused on safety, ease of operation, maintenance, reliability and durability. Features including a HeliRoll® convey system, failsafe control system, a swing out power module and an Onboard Diagnostic System (ODS), provide numerous benefits including lower maintenance costs per hour of operation, greater uptime and higher resale values.



Onboard Diagnostic System (ODS)

The ODS monitors a wide variety of conditions and allows simplified set-up and trouble shooting with a graphical interface screen available in all major European and Asian languages ensuring easier, lower cost maintenance.



HeliRoll® Convey System

The HeliRoll® convey system is fast, efficient and precise providing operators with full control of ULDs resulting in faster aircraft loading.



Ergonomic Controls

The powered operator's station with dedicated drive and load consoles safely adjusts and allows operators to interface with the aircraft onboard control panel. All controls are ergonomically positioned allowing one person to safely operate the unit with minimal movement. Controls are durable, weather proof and identified with international symbols for easy operation.



www.jbtaerotech.com

USA

7300 Presidents Drive
Orlando, FL 32809
USA
Phone: +1 407 851 3377
Fax: +1 407 850 2839
jbtaerotech.gse@jbt.com

Spain

A-2, KM 34 400
28805 Alcalá de Henares
Madrid, Spain
Phone: +34 91 8775 880
Fax: +34 91 8775 881

UK

Arnold Hawker House
Central Way
Feltham
Middlesex
TW14 0XQ
Phone: +44 20 8587 0666
Fax: +44 20 8587 0660

UK - AMSS

Eagle House
Village Farm Ind. Est.
Bridgend
Mid Glamorgan
CF33 6NU
Phone: +44 01656 743700

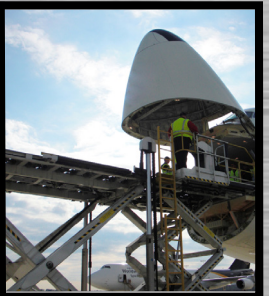
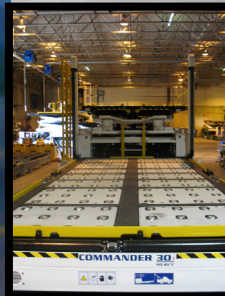
China

No 298 Shansong Road
Yushan Town
Kunshan City
Jiangsu Province, China
215300
Phone: +86 512 36630500

Singapore

6 Loyang Lane #03-00
Young Heng Industrial Building
Singapore 508920
Phone: +65 6542 9255
Fax: +65 6542 7493

Commander 30i Loader



The Value of Reliability

Commander 30i Standard Features

Specification variance is +/- 5%.

Lift Capacity for Available Configurations

Standard (Winged Bridge)

Bridge (Maximum) 7,500 kg (16,500 lb)
 Rear Platform (Maximum) 15,000 kg (33,000 lb)

Dimensions

Operating Height - (Maximum) 5.59 m (220 in)
 Operating Height - Bridge (Minimum) 2.0 m (79 in)
 Operating Height - Rear Platform (Minimum) 0.49 m (19.5 in)
 Operating Width (Maximum) 3.25 m (128 in)
 Overall Length 11.2 m (441 in)
 Overall Width (Including Operator Station) 4.39 m (173 in)
 Overall Height - (Minimum) 3.81 m (150 in)
 Wheelbase 4.95 m (195 in)

Operating Performance

Lift Speed (Rear Platform) 15.2 m/min (50 fpm)
 Lift Speed (Bridge) 4.5 to 5.5 m/min (15 to 18 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 L4, 103 kW (138 hp), Stage 3a/Tier 3
 Cummins QSB 4.5, 119 kw (160 hp), Stage 4/Tier 4F

Power Module

Swing-out Power Module with Hinged Front Doors
 Electric Emergency Hydraulic Pump
 Hydraulic Tank with Temperature/Fluid Level/Sight Gauges
 PDM Gauges - Oil Pressure, Voltmeter, Engine Temperature

Main Frame

Hydrostatic Drive Propulsion with Hydraulic/Dynamic Braking
 Hydraulic Activated Stabilizers - 8
 Solid Rubber Tires Mounted on Independent Drive Modules
 Rear Bogy Wheels (2 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

Aircraft	C30i	
	Lower Deck	Main Deck
B727/B737/DC8		●
B757		●
B767	①	●
B787	●	
B777/B747/A300/A310/A330	●	●
A340/A350/A380	●	
DC10/MD11	●	●

① - B767 Standard and 125" wide door

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 (LED), Reverse Lights, Emergency
 Flashers, Flashing Beacons

Controls and Instruments

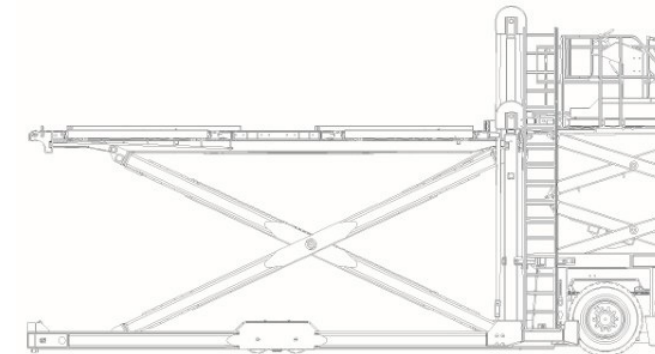
Lighted Instrumentation Panels
 Keyless Ignition Switch
 Emergency Stops
 Engine Trouble Lights
 Engine Hourmeter and Fuel Gauge
 Horn

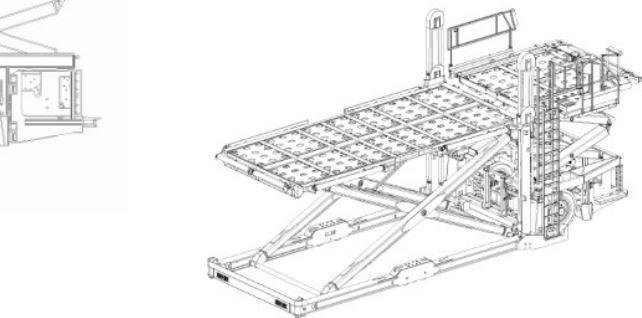
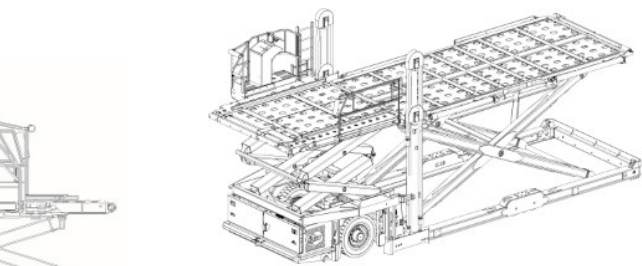
Bridge

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

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





Commander 30i Options

Requirement Packages

CE Requirement Package

Alternate Engine

Cummins QSB4.5, 119 kW (160 hp), Stage 3a/Tier 3
 Cummins QSB4.5, 119 kW (160 hp), Stage 3b/Tier 4i

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
 Bridge Tilt (Standard on Heavy)
 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
 Filter Minder - Air Filter Indicator (Standard with Cummins)
 Keyed Ignition Switch
 Low Fuel Shutdown
 Manual Emergency Pump - Platform/Stabilizer Retract
 Power Module Hold Open Latch
 Heated Fuel/Water Separator (Deutz only)

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
 LED Headlights, Marker Lights

Hydraulic

Shutdown - Low Hydraulic Level
 Drip Shield
 Desiccant Hydraulic Oil Tank Filter
 Hydraulic Oil Cooler for Operation in Hot Climates
 High Pressure Hydraulic Oil Filtration

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

Aircraft Proximity Detection

Variety of systems to assist loader operator in following correct operating procedures around aircraft.

