GROUND SUPPORT EQUIPMENT

40th Anniversary 1969-2009

Pioneers in the Aviation Industry

40 years of Loaders

JBT AeroTech

1969

FMC's John Bean Division sold its first cargo loader, the JCL, to Delta Air Lines in 1969.

The JCL, an acronym for ***Jumbo Container Loader****, was* designed for handling the first wide body aircraft, the Boeing 747 which was later followed by the Douglas DC-10 and Lockheed L-1011.

The JCL had a maximum capacity of 7,000 pounds and could handle (2) LD-1 baggage containers. The bridge hooked up to the aircraft door spools and containers were conveyed via extending and retracting rubber belts assisted by casters. Over 130 JCL's were sold to 12 customers from 1969 to 1977.

1970

The JC/PL-1 (*Jumbo Container/Pallet Loader*) was introduced by FMC in 1970.

It handled both containers and pallets with a maximum weight capacity of 6,000 kg (13,226 lb)

Like the earlier model JCL-1, the JC/PL-1 used bridge hooks to attach to the aircraft door spools and retractable rubber belts to convey. It was driven from a front mounted sit down cab

About 840 JC/PL-1's were produced from 1970 until 1979

Continental Airlines was the original customer

Swissair was the largest customer

1974

The MDL-40/60, **Main Deck Loader**, made its debut in 1974 with the introduction of the B747 freighter.
The MDL is renowned for its heavy duty design, dependability and low maintenance costs.

First Customer:
Japan Airlines at New York/JFK

Largest Customer:
FedEx

Over 500 MDL's were sold to 126 customers located in 56 countries worldwide between 1974 and 2006

1977

The **JC/PL-2** loaders, designed as a smaller version of the MDL-40, were introduced in 1977 as an enhancement to the JC/PL-1. They featured a “shot the gap” bridge, heavy duty frame and capacity of 15,000 lb.

Over 1200 were built from 1977– 1987, for 156 customers in 87 countries

First customer:
Austrian Airlines

Largest customer:
Pan American

Many are still in service today

Surinam Airlines 1984 JC/PL-2 with over 26,000 hours in service at Paramaribo today

1987

The **Commander** Loader was introduced to meet demand of the B767 wide door along with improved efficiency and easier to maintain.

Innovative Features Included:

- HeliRoll® convey system
- Swing out power module
- Powered operator's cab
- Powered wings
- Center lift with no goal posts

Over 1300 Commander's sold between 1987- 1994

Singapore Air Terminal Service (SATS) was the first customer

FedEx was the largest customer

1994

The **Commander 30** Loader was introduced in 1994 in partnership with FedEx to build a 30,000 lb main deck loader for the overnight package carriers.

Innovative Main Deck Features Included:

- All of the Commander features
- Aluminum deck plates
- Heavy bridge w/ left hand drive
- Faster elevating/lowering times

Commander 30 is the global main deck sales leader with over 740 sold to over 115 customers between 1994 and 2007

FedEx was the first and the largest customer with over 300 Commander 30's

1997

In 1997 the **CLT-8 Lifting Transporter** is designed to transport and load containers with a maximum weight of 8,000 lb in lower lobes of passenger aircraft. It is used primarily in Europe to load containerized A-320's.

Outstanding features include:

- One person can both transport containers and load the aircraft
- Heliroll® side shifting on front of platform
- Single platform with pre-selected height selection

Over 340 CLT-8's have been sold to 31 customers.
Swissport was the first customer.
British Airways is the largest customer.

2004 & 2007

Saw the introduction of the " ***i*** " series.

The **Commander 15*i*** in 2004, followed by the **Commander 30*i*** in 2007 were the first loaders to use PLC's with digital read-outs to assist technicians in servicing and trouble shooting. Later model's include digital read-outs in a variety of foreign languages.

Both loaders retain the Heliroll® convey system, powered console and swing-out power module first introduced in 1987.

The C15i and C30i are the world's sales leader, with over 1,000 loaders sold to airline and ground handling customers throughout the world.

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