Belt Loader Types & Fundamentals Reference Guide

• Purpose:
  – Belt loaders are a unique type of equipment used by the Airline Industry to transfer baggage and cargo to and from the aircraft bin.
  – There are several different types of belt loaders and are used for various sizes of aircraft.
  – This guide identifies types of belt loaders, their major components and can be used when referencing other belt loader related documents.
Belt Loader
Types

Gas Belt Loader

Walk Behind Belt Loader

Electric Belt Loader
Gas/Electric Belt Loader

Parts

- Rubber Pad
- Conveyor
- Spot Light
- Operator Cab
- E-stop and conveyor controls
- Safety Rail
- Recessed Head Lights
- Rubber Pad
- E-stop and conveyor controls
- Conveyor
- Spot Light
- Operator Cab
- E-stop and conveyor controls
Walk Behind Belt Loader
Parts

- Cargo Side Rails
- Spot Lights
- Controls
- Emergency Stop Button
- Rubber Pad
- Engine Housing
- Emergency Stop Button
- Control Arm
- Conveyor
Walk Behind Belt Loader
Control Arm Parts

Forward / Reverse Controls
Emergency Stop Buttons
Control Arm

Dead Man Emergency Shutoff
Federal Aviation Administration (FAA)

14 CFR 139, Certification and Operations: Land Airports Servicing Certain Air Carriers. This is part of the electronic code of federal regulations. Specific areas of interest for the airline industry may include:

- 139.101, Certification requirements: General
- 139.203, Contents of airport certification manual
- 139.205, Amendment of contents of airport certification manual
- 139.329, Ground vehicles

Part 139 Certification. Requires the FAA to issue airport operating certificates to airports that serve scheduled and unscheduled air carrier aircraft with more than 30 seats or that the FAA Administrator requires to have a certificate.

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