



BAGGAGE MANIPULATOR

Developed to enable the introduction of 'lean principles' and improved ergonomics within the baggage handling process, the Baggage Manipulator enables cost-efficient, semi-automatic loading of baggage into ULDs, trolleys, carts or other containers.

Using a simple joy-stick, a single operator can control the flow of each batch of bags into the container by moving the ramp to deliver each bag to the next loading position.

FEATURES

- › High-efficiency baggage loading
- › Optimises the baggage handling process
- › Joystick control - simple and easy to master
- › Simple and easy operation by one person
- › Suitable for loading all kinds of bags into ULDs or other containers.

BENEFITS

- › Human interaction reduced to a minimum
- › Reduces the risk of lost or mislaid baggage
- › Eliminates heavy lifting
- › Easy handling of overweight bags
- › Low product life-cycle costs (PLCC).

SPECIFICATIONS

BAGS

- › Maximum baggage size:
(L x W x H): 900 x 700 x 500 mm
(2.95/2.30/1.64 ft)
- › Minimum baggage size:
(L x W x H): 200 x 200 x 50 mm
(7.87/7.87 ft/1.97 in)
- › Baggage weight: 2-50 kg
(4.4-110 lbs)

MANIPULATOR

- › Footprint of one fully extended
Baggage Manipulator unit:
(L x W x H):
3670 x 4090 x 1275 mm
(12 x 13 x 4.2 ft)
- › Loading capacity (peak):
960 bags/hour
- › Loading capacity (ULD):
660 bags/hour
- › Power consumption: 2 kw/hour
- › Weight/Load: 2000 kg
(2.2 short tons)



Each bag gently slides off the ramp into its position in the ULD

The Baggage Manipulator minimises the risk of injury to operators, caused by repetitive or heavy lifting, and also reduces the risk of damage to bags. Reduced manual handling also increases overall security and reduces the risk of human error.

With easy integration into existing systems, the Baggage Manipulator can enable shorter time-frames for loading which allow the baggage operators to handle a higher number of bags quickly and reliably.



The Baggage Manipulator eliminates heavy lifting

