

### Self-Propelled Conveyor Belt Model CDA-14



The Self-Propelled Conveyor Belt Loader, model CDA-14, is a robust heavy duty unit designed for efficient loading and off-loading of airfreight, mail and baggage on all commercial aircraft in operation today.

It is available in 8m or 6m boom length versions and incorporates hydrostatic transmission, diesel engine in an easily removable power pack module and hydraulic steering.

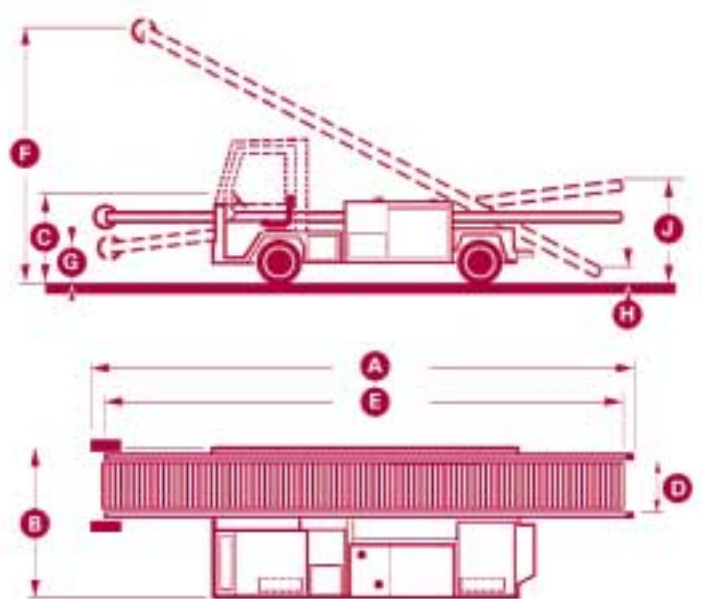
## Overall Dimensions and Weight:

<b>A</b> Length	7.80 m.
<b>B</b> Width	2.00 m.
<b>C</b> Height (retracted)	1.30 m.
<b>D</b> Width of belt	0.60 m.
<b>E</b> Length of boom	7.60 m.
Weight (without cab)	2.750 Kgs.

## Performance

### Boom heights:

<b>F</b> <b>G</b> - Front, adjustable up to	0.90 to 4.15 m.
<b>H</b> <b>J</b> - Rear, adjustable up to	0.16 to 1.58 m.
Payload	250 Kg/m.
Belt speed	28 m/min.
Vehicle speed	25 Km/h
Inner minimum turning radius	3.00 m.



## Brief Technical Specification

- ▶ Universal use, designed to load/unload all commercial aircraft in operation today
- ▶ Air or liquid cooled 4 cylinder diesel engine
- ▶ Easily accessible, removable and interchangeable enclosed power-pack module situated behind the driver's post. The power pack is fitted with fork-lift tineways for safe and simple removal. Module contains: diesel engine, main hydraulic pump, services pump, oil and diesel tanks, batteries, exhaust, etc.
- ▶ Since power packs are interchangeable, maintenance or change-over can be performed inside shop or outside, thereby saving floor space
- ▶ Interchangeability also means less equipment down-time and more versatility and operational flexibility
- ▶ Power pack module is common and therefore interchangeable with the Universal Passenger Step (model EDU) and the Self Propelled Cargo Transporter (model TDA-15)
- ▶ Height variation is adjusted independently at front and rear of boom
- ▶ Belt controls and emergency stop-buttons are situated at the front and rear of the boom
- ▶ Collapsible load guides for oversized loads
- ▶ Controls for driving the unit and operating the boom are situated on the driver's panel
- ▶ Brakes: Independent brake circuits: On front axle hydraulic drum brakes. On rear axle hydrostatic braking system (foot-off accelerator, progressive braking). Automatic parking and emergency negative hydraulic braking system on rear traction wheels (440 mkg.)
- ▶ Hydrostatic transmission
- ▶ Rear drive axle with high torque hub motors on each wheel
- ▶ Front steering axle
- ▶ Hydraulic steering
- ▶ Emergency manual pump for releasing brakes
- ▶ Extra seating space for co-driver, behind the operator's post
- ▶ Front and rear pneumatic tires 185/75 R14"

## A wide range of options is available on request;

- Enclosed or open driver's cabin with or without heating
- Telescopic foldable handrails
- Boom front rubber wheels
- Quick change electric/hydraulic connectors for power-pack removal
- 24 V. DC electric system
- Adjustable belt speed control
- Manual belt speed control at driver's post
- Wide variety of belts
- 6 m. boom
- Disc brakes on front wheels
- Rotating beacon
- Reverse buzzer
- Fire extinguisher
- Spotlight