

Aviphilic Aero

Robust GSE for the next millennium



Cargo Loader L700

Our newly developed L700 cargo loader for pursuing our mission - "build robust machines at affordable price". L700 literally provides reliable and durable container and pallet loading/unloading services on almost all main-stream aircrafts for civil aviation and military applications. Since the beginning of product development, we determine to build the machine safe, reliable, highly productive, easy to operate and low purchasing and maintenance cost.

L700 features finite element analysis and stress gauge test optimised scissors lift that minimises stress concentrations and provides low weight with long service life.

Multiple interlocks mechanism and emergency stop systems prevent the potential damage to aircraft and personnel even the vehicle is malfunctioned at the worst scenario.

Quick, easy to read and simple to operate, the ergonomically-designed controls and gauges on the cargo loader allow the operator to concentrate on production.

Abundant optional configuration allows the machine fit to a wide variety of application to justify your investment.

Optional fleet management system offers integrated inter-vehicles communication and data transmission, and server-client communication between vehicles and central control station. The application will report current equipment parameters, predict services needed, alert potential and immediate issues.



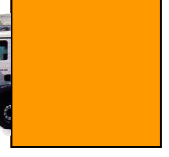
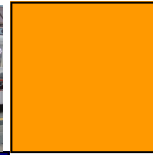
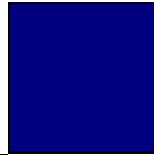
Aviphilic Aero Supplies & Services Pte Ltd

808, French Road,
03 - 21, Kitchener Complex,
Singapore 200808.

Phone: (+65) 6294 8912

Fax: (+65) 6234 1132

E-mail: aviphilicservices@gmail.com



L 700 Specification

Lift capacity:	Max. 7000 Kg
Drive speed:	1.7 km/h to 14 km/h
Turning radius:	10 m
Lift speed - Rear platform:	13.2 m/min.
Lift speed - Bridge:	6.6 m/min.
Convey speed:	18 m/min.
Overall dimension:	L9660 mm x H3020 mm x W3850 mm
Dimension - Rear platform:	L5080 mm x W2540 mm
Dimension - Bridge:	L4080 mm x W3450 mm
Ground clearance:	90 mm
Wheel base:	4445/405 mm
Gross vehicle weight:	18500 kg
Engine:	Deutz TCD2012L04 95 kW
Alternator:	28 Volt, 80 A
Steering:	Load sensing hydraulic control
Hydrostatic drive propulsion:	Solid rubber tire
Hydraulic stabiliser:	Electric emergency hydraulic pump 24 Volt DC electrical system Aluminium deck plate
Optional equipment:	Wide version with 3250 mm platform width Height version with 5600 mm bridge height Universal version with 3250 mm platform plus 5600 Bridge height Remote control Fleet manager Extreme weather packages