



Airlift AL65

Safe, clean, convenient and reliable, electric towbarless aircraft tug for ramp weights up to 65,000 kg

Specifications

- Colour:Customer specific.
- Towing Capacity:.....143,300 lbs.....65,000 kg
- Length with cradle.....216.5 inches.....550 cm
- Width:.....68 inches.....172 cm
- Height at steering wheel highest point.....43 inches.....110 cm
- Wheelbase:110 inches.....280 cm
- Vehicle Speed:1 - 16 km/h
- Nose gear cradle lift height:8 Inches.....20 cm
- Nose gear cradle lift capacity:.....11,023 lbs.....5,000 kg
- Ground Clearance:4.5 inches.....12 cm
- Vehicle drive:..... 2 off 80v, heavy duty A.C. Motors coupled to a newage 415 axle
- Motor speed control:.. State of the art Sevcon GEN4 A.C.Electronic speed controller. On-board trouble shooting diagnostics. On screen Speed controlled by precise hand control unit.
- Batteries:..... Heavy duty traction battery rated at 80v 600Ah (@ 5 hr rate). Battery made up of 40 off 2v cells wired in series
- Battery Charger:..... On-board mount high frequency intelligent charger. Charger will only put back into the battery what has been taken out therefore will never over charge
- GPU:..... On-board GPU voltage of 28 volt will be fitted if required
- Nose gear lift cradle:... Electric, hydraulic pump assembly with dual lifting cylinders. Capable of handling dual and single wheel aircraft as well as those with or without wheel fairings. Tyre width 37 Inches (95 cm). Fitted with safety height and lower sensors. Automatic cut off. Front hydraulic safety plate.
- Winch:..... Heavy duty hydraulic winch. Automatic safety cut off. Complete with winch strap and Universal strut straps
- Steering:..... Hydraulic power steering
- Service brakes:..... Foot operated, Oil submerged inboard disks, Motor braking /Regen braking, Maintenance free
- Parking brake:..... Electro-mechanical.with on off indication lights, Automatically applied, Motor regen braking
- Additional braking:..... Neutral braking inherent to the electronic speed controller. Plug braking inherent to the electronic speed controller. Regenerative braking inherent to the electronic speed controller.
- Drive tyres:..... 22 x 12 x 16 cushion, alternative 23 x 10 x 12 solids
- Steer tyres:..... 21 x 8 x 9 solid
- Lighting:..... LED lighting throughout means less power drawn from the battery giving longer battery life. Dual forward and dual aft led headlights. Activated automatically. Front cradle lights. illuminated switches on dashboard. 4 x amber flashing led lamps positioned on side of tug. Amber flashing led at rear. PLC controlled units less electrical Parts/relays etc
- Seating:..... Height adjusting operators seat, cushioned with arm rests. Front/back adjusting operators seat. Weight adjusting operators seat. Operators seatbelt. Passenger cushioned seating with seatbelts. Weather resistant material.
- Construction:..... Mild steel chassis fully welded, shot blasted and primer based for long life and painted with two pack solid gloss with oven baked treatment.
- Warranty & Delivery:... 12 months parts and labour. Not travel to and from site. 16-20 weeks lead time.



If you require any further information please don't hesitate to contact us

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All Airlift aircraft tugs are tested individually and supplied with approval certificate WMS Ltd reserves the rights to make any improvements to the Airlift specifications without prior notice or obligation