



LAVERSAB MULTIFUNCTIONAL AVIATION GROUND EQUIPMENT



The Laversab MFAGE is the ultimate portable universal/versatile power solution for aviation maintenance and operations. It is designed to provide essential power and support services in a variety of settings, from remote locations to offshore operations. With its compact size and versatile capabilities, the Laversab MFAGE is the ideal choice for anyone looking for a reliable and efficient ground support equipment.

Key Features:

- **Three functions in one unit, replaces 3 trolleys – Electrical, Hydraulic and Pneumatic.**
- **Lightweight and Compact:** The Laversab MFAGE is designed to be small and portable, making it easy to transport and deploy in various locations.
- **Versatile Applications:** Use it on trailers, trucks, or as a standalone unit in remote areas, during forest fire fighting, or on offshore locations.
- **Three Types of Electrical Power:** The Laversab MFAGE provides 115 Volt - 400 Hz AC, 28 Volt DC, and 230 Volt - 50 Hz AC to support a wide range of aircraft systems.
- **Dual Hydraulic Systems:** Benefit from two hydraulic systems with de-aeration and super cleaning capabilities for optimal performance.
- **Pressurized Air and Pneumatics:** The Laversab MFAGE delivers pressurized air for air starts and pneumatics tools as required.
- **Computer controlled, with easy-to-follow Menu on LCD Touchscreen User Interface.**
- **Design ensures reliable operation while meeting EMC standards:** EN 61000-6-2, EN 61000-6-4, and MIL-STD-461F.

AC Output:

- ★ 3 Phase AC Output voltage: 115/200 V (AC) / Frequency: 400 Hz
- ★ Power: 70 kVA (continuous), 105 kVA (for 2 minutes), 107 kVA (for 2 seconds)

DC Output:

- ★ Output voltage: 28 V (DC)
- ★ Output current: 300 A (continuous), 600 A (for 5 minutes), 1000 A (for 60 seconds)

Hydraulic System:

- ★ Output flow rate: 2 x 34 liter/min
- ★ Output pressure: 10 - 240 bar (145 - 3480 psi)
- ★ Minimum output pressure: 10 bar (145 psi)
- ★ Return pressure: 0 - 7 bar (0 - 100 psi)
- ★ Hydraulic reservoir capacity: 2 x 49 liter (2x 13 US gallons)
- ★ Reservoir pressure: 0.6 - 1.5 bar (8.7 - 22 psi)

Integrated Pressurized Air System (IPAS)

- ★ Output: 0.454 kg/s at 2.8 bar (60 lb/min at 40 psi)
- ★ Hose Connection: 3 ½ inch scuff covered hose

Width: 1800mm**Height: 1820mm****Length: 3430mm****Total Mass: 3600Kg****Max Speed : 30Km/h****Ambient Usage Conditions**

- ★ Operating and storage temperature [°C (°F)] -32 to +55 (-25 to +131)

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