



AIRCRAFT HYDRAULIC GROUND SUPPORT EQUIPMENT

CONTROL PANEL

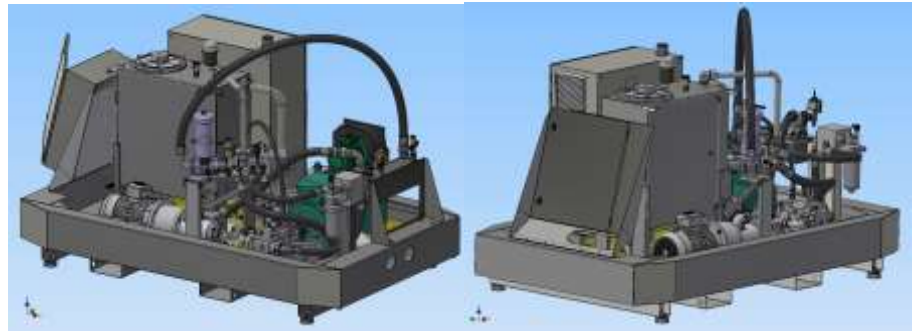


On the control panel, the monitoring screen give an access to all controls and displays of the GH authorizing two modes: user & maintenance

- Pressure setting and read out
- Flow setting and read out
- Temperature
- Defects
- Calibration
- Adjustments of all parameters
- And so on...

GH1825

hydraulic power Pack



The GH model Type GH1825 hydraulic power pack it enables to supply on hydraulic test stand . It is designed for hangar applications with focus on simplicity to operate and maintain.

One version is available according to test bench applications:

HGTU Models	Flow	Pressure	Max hyd. power
GH1825-43	40 usgpm	3000 psig	120 000 usgpm * psig
	155 lpm	210 bar	32 550 lpm * bar
	20 usgpm	5000 psi	
	80 lpm	350 bar	

*Indicated measurements may vary by +/-2%

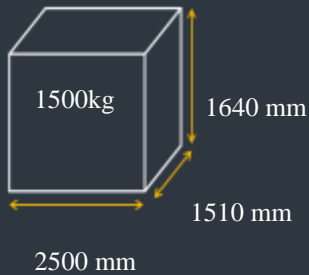


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OVERALL DIMENSIONS



Hydraulic hoses:

- 10 meters (without aircraft quick-disconnect)

- Power supply cable : 12 meters (without plug)

OPERATING CONDITIONS

Operating temperature: from +10°C to +45°C

Indoor use (maintenance hangar)

Forkliftable

Power supply: 3 x 400V, 50Hz, +Ground (other upon request)

Power 100 kW
Commands circuit upon 24V (Safety voltage)

Main Characteristics

The chassis consists of a welded stainless steel structure to four feet.. The complete hydraulic system is mounted on a special tray to collect possible leaks and thus help preserve the environment. A stainless steel control panel integrates all the commands and lights for the monitoring of the hydraulic cart. Pressure pre-settings are operated by a large monitoring screen.

Standard accuracy

(other upon request)

- ✦ Pressure gauge: Class 0.5
- ✦ Flowmeter: Class 0.5
- ✦ Sound level: less than 85 dbA at reduced flow
- ✦ Hourmeter
- ✦ Temperature: +-1°C

Hydraulic parameters

- ✦ Mineral oil based HG such as MIL-PRF-5606, MIL-PRF-83282, MIL-PRF-87257 standards (Order code "M")
- ✦ Esther phosphate oil based HG such as HYJET, SKYDROL standards type IV and V (Order code "ES")
- ✦ Single power system
- ✦ Axial piston pump with variable stroke technology
- ✦ Pressure range: adjustable up to 3000 psi / max 5000psi at reduced flow upon pressure manometer
- ✦ Flow range: up to 40 usgpm or 20 usgpm at reduced flow
- ✦ Non-stop fluid decontamination level in class 4 (or better) upon NAS 1638 standards using filter with clogging indicator
- ✦ Oil/water heat exchanger
- ✦ 53 usgallon (200 liter) reservoir capacity
- ✦ A selector valve to allows the operator to work on aircraft reservoir mode or on HGTV reservoir mode for fluid transfer

Options available

(other upon request)

- ✦ **BR** : A flushing unit to clean the hydraulic cart (maintenance purpose)
- ✦ **CP** : Connectors to connect an external particle counter
- ✦ **PP** : Sampling port
- ✦ **SP** : Static pressure up to 8000 PSI

To order (example):

GH1825 -43- ES -BR

Option



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