



AIRCRAFT HYDRAULIC GROUND SUPPORT EQUIPMENT

MS-F21864530

HYDRAULIC BRAKES TEST UNIT

For SAFRAN LANDING SYSTEMS
AIRBUS hydraulic brake system
AIRCRAFT hydraulic brake

The unit could be used on all other
aircraft with hydraulic
characteristics complying with this
HGTU



This ABC hydraulic ground test unit (HGTU) is suitable for:

- ✦ SAFRAN LANDING SYSTEMS brake system for aircraft
- ✦ Leakage and operation test on brake hydraulic system
- ✦ testing one brake

The HGTU model MS-F21864530-series is designed for leakage tests and operational tests on SAFRAN LANDING SYSTEMS hydraulic brake

HGPU Models	Flow	Max pressure	Max hyd. power at low flow
MS-F21864530	0,7 usgpm	5000 psig	3500 usgpm * psig
	2,5 lpm	350 bar	875 lpm * bar

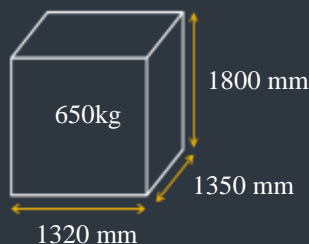


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OVERALL DIMENSIONS



Hydraulic hoses:

- 2 hoses (LP)
- 1 hose (BP)
- 1 hose draining

- Power supply cable: 5 meters (without plug)

OPERATING CONDITIONS

Operation temperature:
from +10°C to +40°C

Indoor use (maintenance hangar)

Forkliftable

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

Commands circuit upon 24V
(Safety voltage)

Main characteristics Hydraulic parameters

The chassis is made of an aluminium frame with side panels made of polyester material. Two lateral doors allow an easy access for maintenance. All commands are positioned in a front stainless steel console and two safety glass doors protect the operator from the test area. The complete hydraulic system is mounted on a special stainless steel tray to collect possible leaks and thus help preserve the environment. A jerrican is positioned inside the unit for collecting drippings.

Standard accuracy (other upon request)

- ✦ Pressure gauge: Class 1,6
- ✦ Flowmeter: Class 5 of the reading value
- ✦ Sound level: less than 70 dbA
- ✦ Hourmeter

- ✦ Ester phosphate oil based HGTO such as HYJET IVA standards (other upon request)
- ✦ Single power system with two supply lines
- ✦ One return line with filter
- ✦ One draining line
- ✦ Hand pump
- ✦ Electric driven pump 2.5 l/mn (0.8 usgpm) 350 bars (5000 PSI)
- ✦ Air oil heat exchanger
- ✦ The circuit includes 3 pressure gauge :range of 0-2.5 bars (36 PSI) and 0-40 (580 PSI) bars and 0-400 bars (5800 PSI)
- ✦ One electric valve for cycling test
- ✦ 3 μ filter β 200 for fluid decontamination, level in class 5 (or better) upon NAS 1638 standards using filter with clogging indicator
- ✦ A fluid sampling plug
- ✦ 10 usgallon (40 liters) reservoir capacity

To order: MS-F21864530

Options available (other upon request)

- ✦ QD: quick disconnect
- ✦ AU: automated cycle testing
- ✦ TR: rolling table
- ✦ NA: digital display



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