



AIRCRAFT HYDRAULIC GROUND SUPPORT EQUIPMENT

ENGINE MODELS

CFM56
GE90/115
GENx
GP7200
CF6-80
TRENT XWV

And all other engine aircraft with characteristics complying with this
HGPU

HC 1706

Mobile hydraulic ground power unit



One circuit

**up to 17 Usqpm
up to 66 l/min**

WATER

The HGPU is used for cleaning engines aircraft with hot water on ground maintenance operations. It is designed for hangar applications with focus on simplicity to operate and maintain.

The HGPU is equipped with a generator set.

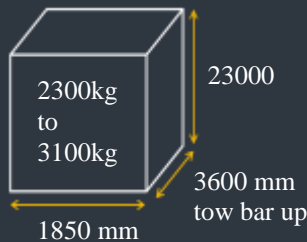
HGPU Models	Flow	Pressure	Temperature max
HC1706	17 usqpm	43 psig	80°C
	66 lpm	3 bar	

*Indicated measurements may vary by +/-2%



AIRCRAFT HYDRAULIC GROUND SUPPORT EQUIPMENT

OVERALL DIMENSIONS



Hydraulic hoses:

- 20 meters (without tooling)

- Power supply cable: 10 meters (without plug)

OPERATING CONDITIONS

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

Indoor use (maintenance hangar)

Easily movable by one operator

Forkliftable

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

Power 66 kW

Generator power 21 kW

Commands circuit upon 24V
(Safety voltage)

Main Characteristics



The chassis is made of a stainless steel structure movable thanks to four wheels with a drawbar for towing and braking. The cart can be towed up to 25 km/h (15 mph) on surface road. A rainproof steel material canopy protects the internal system. A control panel integrates all the commands for the monitoring of the hydraulic cart.

Flow and temperature pre-settings are adjustable.

Standard accuracy (other upon request)

- ✦ Pressure gauge: Class 1
- ✦ Flowmeter: Class 1
- ✦ Sound level : less than 75 dbA
- ✦ Hourmeter
- ✦ Temperature: +-1°C

Options available (other upon request)

- ✦ **BR** : A flushing unit for cleaning the hydraulic cart (maintenance purpose)
- ✦ **TO** : Aircraft engine tooling

Bench parameters

- ✦ Standard Water
- ✦ Single power system with one supply lines
- ✦ Flow range: adjustable up to 66 l/mn Flow range: up to 73l/min 19.2usgpm upon visual flow indicator
- ✦ Non-stop fluid decontamination level in class 4 (or better) upon NAS 1638 standards using filter with clogging indicator
- ✦ 158 usgallon (600 liter) reservoir capacity
- ✦ Diesel Generator 21 kW
- ✦ Adjustable temperature of water until 80°C

To order:

HC1706 – XX