



AIRCRAFT HYDRAULIC GROUND SUPPORT EQUIPMENT

AIRCRAFT MODEL

All aircraft

TROLLEY-series

Hangar movable hydraulic ground power unit



The ABC Hydraulic connection ground trolley is suitable for:

- ✦ Maintenance and overhaul tests on aircraft hydraulic system
- ✦ Refilling and draining the aircraft hydraulic system

The Trolley model allows to connect simultaneously two aircraft circuits on the HGPU and to select the circuit to be fed. It is designed for hangar applications with emphasis on simplicity to operate and maintain.

HGPU Models	Flow	Pressure	Max pressure	Max hyd.
TROLLEY	50 gpm	5000 psi	5000 psi	15 000
	180 lpm	345 bar	345 bar	4200

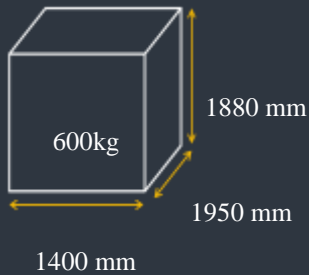


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OVERALL DIMENSIONS



Hydraulic hoses:

- 10 meters (without aircraft quick-disconnect)

OPERATING CONDITIONS

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

Indoor use (maintenance hangar)

Easily movable by one operator

Forkliftable

Power supply: No

Commands circuit : No

Main Characteristics



The frame is made of a welded stainless steel structure. Mobile trolley features two locking swivel wheels and two fixed. Stainless steel reels secure the hydraulic hoses. All controls are simple to operate with a color code: red for the supply line and yellow for the return line. The complete hydraulic system is mounted on a special tray to collect possible leaks and thus help preserve the environment.



Hydraulic parameters Options available (other upon request)

✦ Hydraulic oil

- Ester phosphate oil based HGPU such as HYJET, SKYDROL standards.
- Mineral oil based HGPU such as MIL-PRF-5606 standards.

✦ Four hydraulic standard quick disconnect

✦ Two manual valves to select the circuit

✦ Two hydraulic standard quick disconnect on the side to plug the HGPU.

✦ 1 : Airbus A350/A380 hoses and quick connect

✦ 2 : Boeing 747 / 757 / 767 / 777 hoses and quick connect

✦ 3 : Boeing 787 hoses and quick connect

✦ 4: Airbus A300, A317, A318, A319, A320, A321, A330, A340 hoses and quick connect



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