



## ➤ GENERAL FEATURES

This hydraulic test stand is designed for use on any type of commercial or military aircraft. It takes the place of the aircraft hydraulic generation and supplies the power required for the ground tests and checks of various aircraft components (landing gear, door flaps, flight controls...). It can also be used to achieve the RAT (Ram air turbine) tests.

## ➤ DESCRIPTION

- A palletizable stainless steel chassis with drip tray
- Hydraulic hoses (40 feet length) stowed on a support for the hydraulic supply
- Hydraulic hoses (40 feet length) stowed on a support for the RAT function
- An electric supply cable ( 50 feet length)
- A motor-pump group and its associated hydraulic system
- An air cooling unit for oil temperature control
- A 65 US gallon tank
- Touchscreen for running history and maintenance plan

## ➤ STRENGTHS

- Reliable and proven design
- Easy access for maintenance
- Designed for RAT test equipment
- HPU and RAT tester within a single compact unit
- A safety switch between 3000/5000 psi operations

## ➤ OPTIONS

- Flushing unit
- Quick disconnect couplings
- Particle counter
- Ground check motor BH4016A2
- RAT safety interface BH4016A3

## WEIGHT AND DIMENSIONS

Length	114"
Width	43"
Height	78"
Weight (tank empty)	4409 lbs

## HYDRAULIC FEATURES

Nominal pressure on HP system	5000 psi
Max pressure on HP system	5000 psi
Pressure on RAT system	3000 psi
Tank volume (useful capacity)	65 US Gallon
Max hydraulic power (Psi x USgpm)	275000

## OPERATING CONDITIONS

Ambient temperature from	-4°F up to 105°F
Fluid :	Skydrol, Hyjet IV, Hyjet V
Filtration :	class 6 of air 1653A or NAS 1638 standards
Noise level	90 dBA

## MEASUREMENT INSTRUMENTS

Pressure gauge on HP system	5800 psi (±1% of full scale)
Flowmeter on HP sytem	79 Usgpm (±0,3% of measure value)
Temperature sensor on HP sytem	32-212 °F (±2°F)
Pressure gauge on RAT system	6000 psi (±1% of full scale)
Flowmeter on RAT system	0,1 – 21 gpm (±0,5% of read value)
Temperature gauge on RAT system	32-212 °F (±2°F)
Digital RAM-AIR pressure indicator	
Digital RAM-AIR speed indicator	