



POWERING YOUR PERFORMANCE



# HELICOPTER GROUND SUPPORT & MAINTENANCE EQUIPMENT



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# INTRODUCTION

AVA Aero Trading, established in 2023, specializes in the trading of hydraulic equipment.

We proudly serve as the exclusive distributor for renowned world-class manufacturers, including Hydraulics International and Flowmetrics Inc., both well-known US Original Equipment Manufacturers (OEMs) that supply the US Air Force and other industries.

Additionally, AVA represents Salher Co., a leading wastewater management equipment manufacturer based in Spain.

AVA supports various industries by providing high-quality Hydraulic Test Equipment, pumps, flow meters, wastewater management solutions, and more.



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## GROUND SUPPORT EQUIPMENT

- 60KVA diesel generated AC 400HZ and 28 VDC power units
- PORTABLE HYDRAULIC POWER SUPPLY Diesel Engine Driven







**MULTI-FUNCTION AIRCRAFT  
GROUND POWER UNIT (MFAGPU)  
P/N 081676-100  
ALL-IN-ONE UNIT.**



EXCELLENT CHOICE WHEN SUPPORTING A MIX OF AIRCRAFT WITH BOTH  
START AIR

AND DC POWER REQUIREMENTS.

- 63 KVA, 120/208 VOLT, 3-PHASE, 400HZ. AC
- 300 AMP (CONTINUOUS), 1000 AMP (30 SEC) 28 VDC.
- 20 GPM AT 500-3500 PSI, COMBINED DUAL OUTPUT.

OPEN LOOP OR CLOSED LOOP.

- BUILT-IN HYDRAULIC FLUID PURIFICATION SYSTEM SAME AS  
A/M37M-11.

- CONTINUOUS HYDRAULIC FLUID CONTAMINATION MONITORING  
(PARTICULATE AND WATER)

WITH ON SCREEN DISPLAY.

- 30 LB/MIN (400 CFM) AT 40 PSIG AIR START PNEUMATIC.
- 8 CFM AT 50 PSI AH-64 IPAS MANIFOLD AIR PRESSURIZATION
- COMPUTER CONTROLLED WITH TOUCH SCREEN INTERFACE.
- TRAILER MOUNTED. TOWABLE AT 55 MPH OVER IMPROVED ROADS.
- PROVEN RELIABILITY IN THEATER IN SUPPORT OF CH-47.

(SEE EQUIPMENT BROCHURE FOR MORE DETAILED FEATURES.)





## MODULAR A/C & HYDRAULIC TEST UNIT (MACHTU) P/N 091366-100

FLEXIBILITY OF SEPARATE AIR START AND 28 VDC MODULES.  
EXCELLENT CHOICE WHEN DC OR AIR START IS NOT REQUIRED OR  
INFREQUENTLY USED.

### MACHTU-DED MODULE

- SAME AC AND HYDRAULIC OUTPUT AND OPERATING AND CONTROL SYSTEMS AS

MFAGPU (NO 28VDC OR AIR START CAPABILITY).

- 10 CFM AT 50 PSI AH-64 IPAS MANIFOLD PRESSURIZATION.
- 2-WHEEL CHASSIS TOWABLE AT 55 MPH OVER IMPROVED ROADS.
- HYDRAULIC AND ELECTRIC OUTPUT AND TOUCH SCREEN COMPUTER INTERFACE CONTROLS

FOR SEPARATE TRAILER MOUNTED DC AND AIR START MODULES

### MACHTU-AIR MODULE

AH-64 & H-60

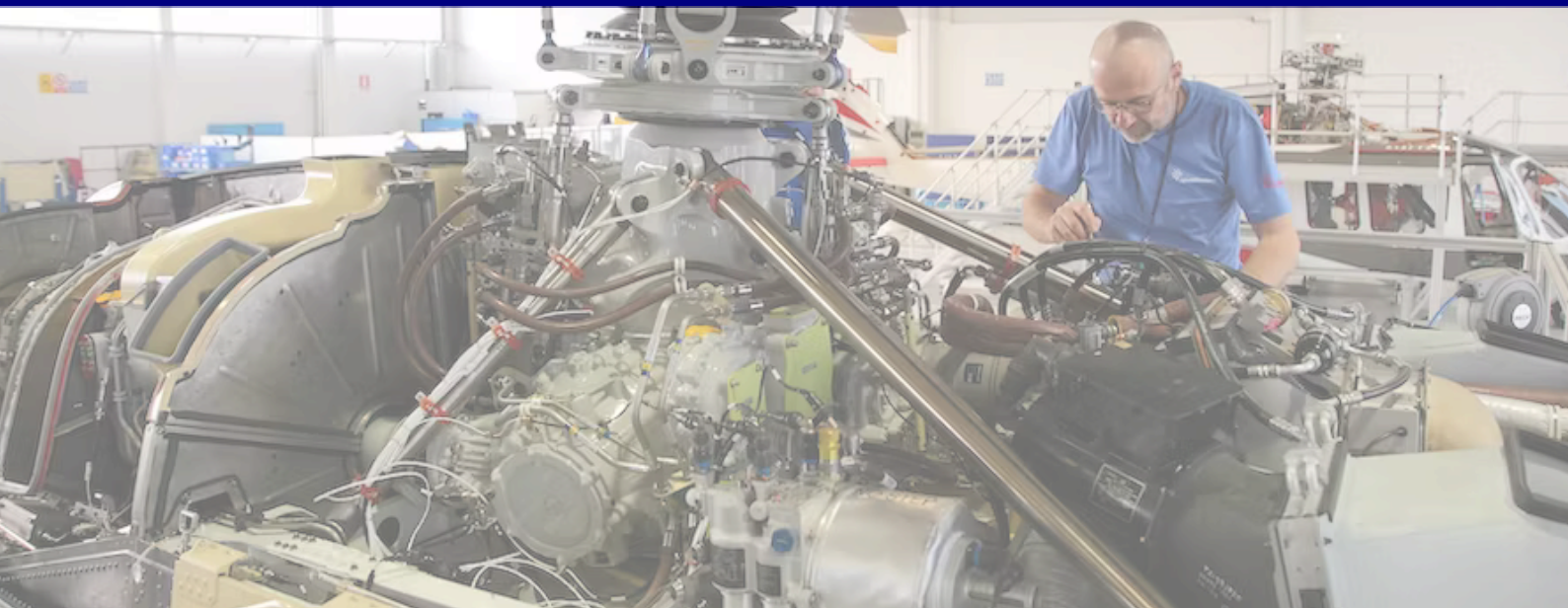
- 30 LB/MIN 400 CFM) AT 40 PSIG (50 PSI RELIEF VALVE).

### MACHTU-TRU MODULE

OH-58D

- 300 AMP (CONTINUOUS), 1000 AMP (30 SEC) 28 VDC.





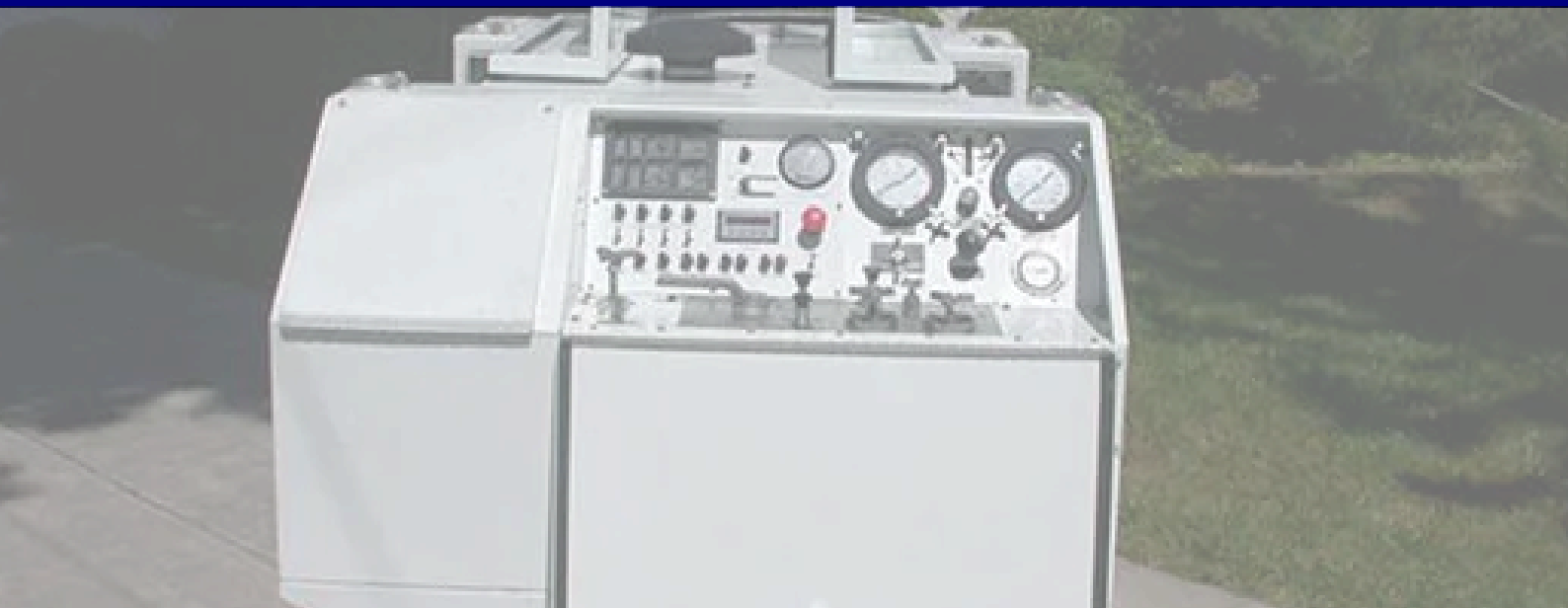
US NAVY STANDARD HYDRAULIC FLUID  
PURIFIERS  
PORTABLE HYDRAULIC FLUID PURIFIER  
(DED OR AC)  
A/M37M-11, P/N 040505-100  
NSN 4920-01-523-0592



REMOVES:

- 100% FREE WATER.
- DISSOLVED WATER TO LESS THAN 100 PPM.
- 100% ENTRAINED GASES.
- 98% OF DISSOLVED GASES.
- PARTICULATE CONTAMINATION TO PRODUCE A CLEANLINESS LEVEL OF NAS CLASS 2.
- SELF-CONTAINED 10 HP DIESEL ENGINE OR 440V AC 60 HZ HANGER POWER.
- TOWABLE AT 20 MPH MAX. OVER IMPROVED ROADS.





## OTHER HELICOPTER GSE

PORTABLE HYDRAULIC PURIFICATION UNIT (ELECTRIC)  
PD 35-94-002, P/N 95163-100  
NSN 4330-01-448-1059



STANDARD HYDRAULIC TEST STANDS

PORTABLE HYDRAULIC TEST STAND (ELECTRIC)

FLUID SERVICING UNIT

SERVICING UNIT, DAMPER, STRUT & BRAKE

PORTABLE HYDRAULIC FLUID SERVICING UNIT







## OTHER HELICOPTER GSE

PORTABLE ENGINE OIL SERVICING UNIT

PORTABLE TRANSMISSION FLUID SERVICING UNIT

PORTABLE ROTOR FLUID SERVICING UNIT

PORTABLE HYDRAULIC FLUID SERVICING UNIT

PORTABLE HYDRAULIC FLUID SERVICING UNIT





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