

HYDRAULIC UNITS

Airfield Hydraulic Power Unit LZH/N series II

Airfield hydraulic power unit LZH/N series II is designed to check the technical condition of the hydraulic systems while cleaning and refilling the working fluid of the aircraft in service in the Polish Armed Forces, including F-16 and C-130. It is provided with two independent inflow and outflow lines, also fit for parallel operation. The unit is mounted on a low chassis and fit for towing at speed up to 25 km/h.

Other parameters:

- self-ventilated hydraulic system with independent cooling
- tanks with air dryers
- operating parameters recording
- built-in unit's tank filling/refilling system
- filter contamination signalling
- permitted operating temperature excess signalling
- trailer with light signals and backlit operator panel

LZH/N series II is powered from TN-C or TN-S three-phases a.c. mains

- rated voltage 3 x 230 V / 400 V
- frequency 50 Hz
- rated load current 200 A

The unit is adapted for air transport.



DEFENDER MSPO 2017



TECHNICAL DATA

two independent inflow and outflow lines hydraulic parameters of each line

280 bar (4200 psi) pressure
100 dm³/ min (27 GPM) flow

200 bar (3000 psi) pressure
130 dm³/ min (35 GPM) flow

333 bar (4950 psi) pressure
90 dm³/ min (25 GPM) flow

hydraulic parameters at lines' parallel operation

200 bar (3000 psi) max. pressure
260 dm³/ min (70 GPM) flow

280 bar (4200 psi) max. pressure
200 dm³/ min (54 GPM) flow

working fluid

AMG-10 oil
AERO SHELL FLUID 31 & 41
ORLEN Oil H-515
ROYCO 782 oil

tanks capacity

2 x 120 dm³

PARAMETERS

dimensions (L x W x H)

3000 mm x 1600 mm x 1700 mm

weight

3200 kg

outgoing cables length

10 m

power cord length

20 m