



AVIATION REFUELLER 20.000l

MAN TGS 33.400 6x4 OVERALL DIMENSIONS: 9.800x2.550x3.500H approx.

CHASSIS DETAILS

- Chassis MAN TGS 33.400 6x4
- 400 HP.
- Euro 2.
- ADR.
- Wheelbase: 4.500 mm.
- tipmatic
- Mechanical suspension.
- GVW – 33.000 Kg.
- Tires: 13R22.5.
- 24 V – PTO NH4C.
- Exhaust directed to the center.

REFUELLING SYSTEM DETAILS

OPERATIONS		TANK	
<ul style="list-style-type: none"> • Underwing pressure refuelling. • Overwing gravity refuelling. • Loading of tank. • Self-loading of the tank. • Defuelling (UW). • Recirculation. • Draining the tank. • Tests. 		<ul style="list-style-type: none"> • Rigid tank of 20.000 l gross volume. (excluding deadstock/excluding ullage). • Total volume of 20.700 l. approx. • Min. 3% ullage. • Alluminium. • Biconical shape with elastic connection to the subframe. • Baffles (2) with DN500 access hole, made of the same aluminium. 	
PUMPING, METERING AND FILTERING		PRESSURE CONTROL	HOSE REEL
<ul style="list-style-type: none"> • Flow rate up to 1.200 lpm. • Alfons Haar FPOJ 80-900. • Hydraulically driven. • FAUDI FW24-12 • Gammon GTP-534-30. • Meter: Satam ZC17 80 - VR7887 		<ul style="list-style-type: none"> • Alfons Haar AOA80 AV 3" + Deadman control. • Carter 44646 type. 	<ul style="list-style-type: none"> • Water sump in the lowest point of the biconical joint. • Pressure test, 0,4 bar. Working pressure, 0,2 bar. • Piping made of aluminium alloy. All flanged connections. • Rear stainless steel ladder. • Aluminium antislip catwalk on top of the tank and safety handrail.
CONTROL PANEL			
<ul style="list-style-type: none"> • Control pressure gauges with test ports. • Selection panel with pneumatic control and indications. • Engine speed selector. 		<ul style="list-style-type: none"> • Differential pressure gauge. • Pneumatic regulator for pump. • Pneumatic filter. • Flow indicator. 	<ul style="list-style-type: none"> • 1 Spoked type 1,5"- 20m Reel hose type C. • 1 Spoked type 2"- 20m Reel hose type F. • Hydraulically driven. • Nozzles: <ul style="list-style-type: none"> ○ Underwing nozzle Carter 64200 ○ Overwing nozzle Elaflex ZVF 50.
MISCELLANEOUS			
<ul style="list-style-type: none"> • Brackets / stowings for reel hose nozzle and overwing fuelling device guiding rollers for proper hose operation. • All swivels and reel hubs without oil plugs / lubricating nipples (non-lubricating type). 		<ul style="list-style-type: none"> • Plate with flow diagram in English language and JET A-1, flammable and no smoking logo. • 1 Cable reel, manual rewind, with 20 m grounding / bonding cable (steel, PVC coated) and brass crocodile clip. • 1 Earthing / grounding strip, fitted to truck's chassis frame. 	<ul style="list-style-type: none"> • Earthing / grounding lugs at tank water sump, bottom loading connections and drain-sample point of filter / water separator. • Interlock system with light indication in cabin. • 2 Fire extinguishers, 9Kg each, dry-powder (ABC) on both sides of the chassis. • 1 Fire extinguisher, 2Kg ABC (inside driver's cabin)