Onsite Treatment Technologies

WPU 600 Well-Service Pump Unit

Onsite Treatment Technologies AS is a complete supplier of high-pressure pumping equipment for offshore well-intervention and well-pumping operations. OTT has the know-how and expertise in automation, diesel/electric-powered equipment, and hydraulic/pneumatic systems. OTT equipment is designed, manufactured, and certified in compliance to the most stringent quality standards, and all equipment is supplied with complete documentation packages.

WPU 600
well-service pump unit

Weight and dimensions:

- Weight: 15 900 kg
- Length: 6 058 mm   (standard 20' container length)
- Width: 2 438 mm   (standard 20' container width)
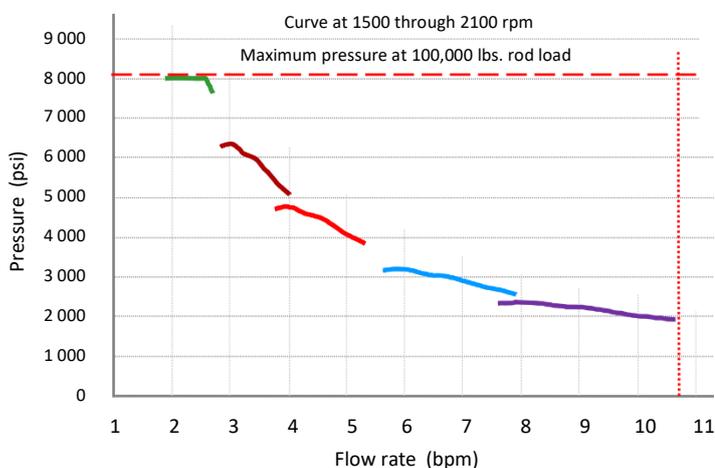- Height: 3 050 mm

Interfaces:

- Rig air-supply pressure: 72 - 116 psi (5 - 8 bar)
- Power-supply voltage: Multi-voltage: 110 - 250 V AC
- Discharge connection: 2" fig. 1502 Weco® union
- Suction connection: 4" fig. 206 Weco® union

Technical data:

Engine:	MTU Detroit S60: 600 bhp @ 2100 rpm
Transmission:	Allison S6620M
Triplex pump:	Serva TPD-600
Fluid end:	4" plungers (options available)
Max. working pressure:	8 000 psi (550 bar)
Max. pump rate:	10.5 bpm @ 2100 psi (1670 lpm)
Diesel capacity:	185 US gallons (700 litres)
Diesel safety system:	3GHI Protection™
Control system:	Electrical, PLC-based
Control panel:	Remote-control panel, 2G (Zone 1), 35 m cable
Logging system:	Data transfer by 2G (Zone 1) USB memory stick
Designed and certified in accordance with:	ATEX, CE, CSC, DNV GL 2.7-1, NORSOK Z-015
Third-party approval:	DNV GL
ATEX code:	Ex II 3G IIA T3
Sound-pressure level:	79 dBA (SPL); test method: ISO 3746:1995: Acoustics

MTU Detroit S60, 600 bhp @ 2100 rpm
Allison S6620M - Serva TPD-600 - 4" - ratio 4.6:1

Graph legend: *

- – – Max. pressure   ····· Max. rate
- —— 1st   —— 2nd   —— 3rd   —— 4th   —— 5th

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Skvadronvegen 22   Phone: + 47 51 70 97 40
NO-4050 Sola   E-mail: sales@ott-as.no
Norway   Web: www.ott-as.no