

HPU 500 Hydraulic Power Unit

for Hazardous area Zone 2



Diesel driven HPU, rated to 500HP. This unit are designed specifically for applications in 3G areas (Zone 2) and is CE, NORSOK Z-015, DNV 2.7-1 and ATEX Zone 2 compliant. The unit can operate in ambient temperatures from -15° C to +35° C. Unit sound pressure level (SPL) is equal or below 83 dBA @ 1m according NORSOK Z-015 requirements.

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Technical data:

Engine	: Detroit Diesel, S60 ATEX, 12,7 litres, 373 kW (500HP).
Diesel Capacity	: 500 litres.
Hydraulic oil tank	: 800 litres. (2 x 400 litres, supply, and return)
Hydraulic oil type	: 32 cSt
Hydraulic pump	: Variable displacement Axial piston pump, 270cm ³ -350BAR
Pump capacity	: 544LPM@2100RPM
Max pressure	: 345 BAR
Sound pressure level (SPL)	: 83 dBA.
Control system	: Electronic/Mechanical.
Safety system	: Pyroban 3GP, certified to operate without flame arresters.
Cooling	: Air cooled, built-in additional hydraulic oil cooling capacity (water).

Interface:

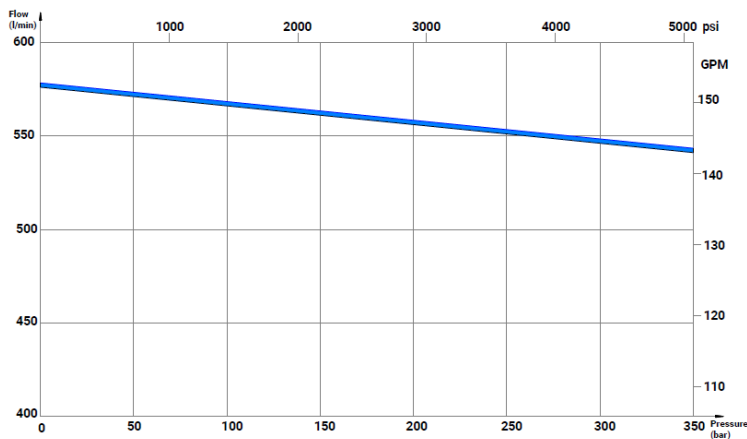
Air	: 5 – 8 BAR, 1" Chicago claw coupling
Electric Power	: Multi voltage, 110V/230V, 3A, 700W.
Hydraulic 100LPM	: 5 x Supply, 1", Snaptite 75 Male. 5 x Return, 1", Snaptite 75 Female. 5 x Leak, 1/2", Faster VVS Male.
Hydraulic 400LPM	: 1 x Supply, 1 1/2" Snaptite 75 Male. 1 x Return, 1 1/2" Snaptite 75 Male.

Approvals:

CE marked	: Yes
ATEX	:  II 3G IIA T3
Lifting	: DNV 2.7-I, EN 12079
NORSOK	: Z-015:2020

Weight & Dimensions:

Length	: 5182 mm
Width	: 2438 mm
Height	: 3000 mm
Weight	: 14 000 kg (Wet)



About Enerion:

Enerion is a leading provider of products and services to the energy sector. We have extensive experience in engineering, manufacturing and service of equipment and are committed to deliver flexible and future oriented solutions to our customers.

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