

## Document

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Project Name/Title  
Well Service & Supply – Equipment development, HPU

Document Title  
Presentation & Product information for Diesel HPU & Compressor

Summation  
**HPU FOR ZONE II (3GP) <sup>w/</sup> AIR COMPRESSOR**



Revision List

Revision	Date	Reason for Issue	Prepared by	Verified by	Contr.	Client
03	15.06.2017	Technical data update	IG	JØH	IG	
02	14.12.2007	Re-issued for information	T.F	I.G	T.F	
01	21.05.07	Re-issued for information	TE	PHA	TE	
0	07.05.07	Issued for Information	TE	IK/PHA	TE	
X	24.04.07	Issued for internal comments	TE	IK/PHA	TE	
					Approved by	

Document No.

HPU1	65	XX	Z	FD	001	02
SWP department /	System code	Area code	Discipline code	Document code	Sequence No.	Revision



**DIESELMOTOR**

Type - Detroit Diesel S60  
Output capacity - 500 hhp

**COMPRESSOR**

Type - Bendix Mod.A  
Output capacity - 27 m<sup>3</sup>/h, 7 bar

**TANKS**

Diesel tank - 500L 0,5 bar  
Hydraulic tank - 800L 0,5 bar  
Air tanks - 2 x 500L, PED Category 4

**EXPLOSION PROTECTION**

Type - 3GP from PYROBAN

**ROOM FIRE EXTINGUISHING SYSTEM**

Type - Swordsman, Foam spray system  
Nozzles - 8



## INTERFACE CONNECTIONS

### Hydraulic, 100 L/min, 5 off

- |                  |  |
|------------------|--|
| Hydraulic supply | - 1" quick connection (Snaptite serie 75 Male)   |
| Hydraulic return | - 1" quick connection (Snaptite serie 75 Female) |
| Hydraulic leak   | - ½" quick connection (Faster VVS MAle)          |

### Hydraulic, 400 L/min, 1 off:

- |                  |  |
|------------------|--|
| Hydraulic supply | - 1½" quick connection (SnapTite, Series 75, Male)   |
| Hydraulic return | - 1½" quick connection (SnapTite, Series 75, Female) |

### Other:

- |                             |                        |
|-----------------------------|------------------------|
| Plant supply air nozzle     | - 1" Chicago coupling  |
| El. Power (light & heating) | - (max 230V, 3A, 700W) |

## CERTIFICATION

- CE acc. to ATEX (ZONE II, 3G, Ex n, IIC, T3) 94/9/EC
- CE acc. to Machinery directive 98/37/EC,
- Electromagnetic compatibility directive 89/336/EEC &
- Pressureised equipment directive 97/23/EC
- NORSOK Z-015
- EN12079 & DNV 2.7-1

## SOUND PRESSURE LEVEL

- ≤ 83 dBA @ 1m distance

## LIFTING CERTIFICATION

- Machinery directive, EN12079 & DNV 2.7-1

## DIMENSION

- |                         |                            |
|-------------------------|----------------------------|
| Height x Length x Width | - 3,000 x 5,182 x 2,438 mm |
|-------------------------|----------------------------|

## WEIGHT

- |              |                                     |
|--------------|-------------------------------------|
| Gross weight | - 14,000 kg (11 kN/m <sup>2</sup> ) |
|--------------|-------------------------------------|

## PLAN VIEW

