

Heat Suppression Zone II Containerised Booster Pumps DNV 2.7-2



Key Features

- Container built to DNV 2.7-1 and DNV 2.7-2 standards
- Increased safety systems installed to meet DNV 2.7-2
- Unit certified for Zone II hazardous area operation
- Inbuilt fuel tank
- Full stacking system available with internal access points
- All operational activities are carried out externally on our bespoke control panel
- Fully inbuilt automatic shutdown damper system on container air inlet and outlets
- Designed and built to work in high ambient operating temperatures

Description

Centurion Power & Equipment has built new Zone II Booster Pumps certified to DNV 2.7-2 to support its heat suppression systems, fully supporting well testing operations globally and to meet new offshore standards.

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Technical Specifications

Safety Features

All operational controls fitted externally on the container

Container fitted with inlet and outlet damper system

Container inlet air gas monitoring and shutdown system

Fire detection and suppression shutdown system

Exhaust gas temperature monitoring and shutdown system

Manual external emergency fuel cut off system

External Emergency Stops	Over temperature shutdowns
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Internal Automatic Fuel Cut Off	Low oil pressure shutdowns
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Low Fuel Level Alarm	Low water level shutdown
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Low Fuel Level Cut Off	Vibration shutdown
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External Refuelling Capability	Rig ESD connection
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Container Base Fully Bunded	ISO interlocking stacking system
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Anti-Slip Flooring	Internal access way
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Internal Emergency Lighting	External warning beacon
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Certification, Lifting Specification, Weights and Dimensions

Overall package DNV Annual Survey Zone II Hazardous Area plus DNV 2.7-2

Electrical	IEC 61892 (series), EN 60079
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Maintenance	Centurion Power & Equipment preventative maintenance procedures
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Lifting Specification	DNV 2.7-1 -20°C
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Length	4,600 mm
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Width	2,250 mm
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Height	2,520 mm
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Weight	15,000 kgs
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Performance

Dump Duty	4,000 USGPM at 16 bar
Engine type	Caterpillar 3406
Impeller type	Stainless steel
Fuel consumption	77 litres / hour
Fuel capacity	1000 litres
Inlet Connection	8"
Outlet Connection	6"
Start system	Pneumatic
Shutdown system	Electro / Pneumatic
Ambient capability	+45°C

For more information on Buster Pumps, please contact your local Centurion Power & Equipment representative or email: CPEUK@centuriongroup.co.uk.



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