

ONIS VISA Zeus Dry Prime

Model: MTZ.DS55.SS

MODEL: Dewatering



ALL PICTURES SHOWN ARE FOR ILLUSTRATION PURPOSE ONLY

MAIN DATA

Max. flow	540 m³/hour
Max. Max head	33 mwc
Solids handling	76 mm
Suction connection	DN150 PN16
Delivery connection	ANSI 6"
Fuel tank	200 l.

DIMENSIONS AND WEIGHT

Width	1367 mm
Length	2477 mm
Height	1787 mm
Weight	1600 Kg (approx)

The **Zeus Dry Prime** range delivers fast dewatering solutions to sites where a power source is not available. Using a Pioneer pump featuring a 100% mechanical priming system, the Zeus Dry Prime motorpumps quickly prime and reprime, even from dry conditions.

PUMP



Brand	Pioneer
Model	PP66S10T EO 410
Pump casing:	65-42-12 ductile iron with 280 BHN hardness
Enclosed impeller:	CA6NM Self-hardening Stainless Steel with 13% chromium with 360BHN hardness
Pump shaft:	1144 Stress Proof Steel Chromed
Bearings:	Dual angular contact drive end bearings
Priming system:	Mechanically Driven Diaphragm Style vacuum pump
Air removal capab.:	85 m ³ /h (50 cfm)
Float box:	Single chamber with positive sealing air separation. Stainless steel float ball and linkage
Discharge Check Valve:	Swing Style – ductile iron with Buna-n Disc

ENGINE

CERTIFIED STAGE V


Brand	HYUNDAI (DOOSAN)
Model	D18
Gross Power	41 kW @ 2200 rev/min
Displacement	1,8 l.
N° cylinders	3
Cooling system	Water cooled
Exhaust emission	Stage V

CONTROL PANEL

Controller model NT5 by Nettuno



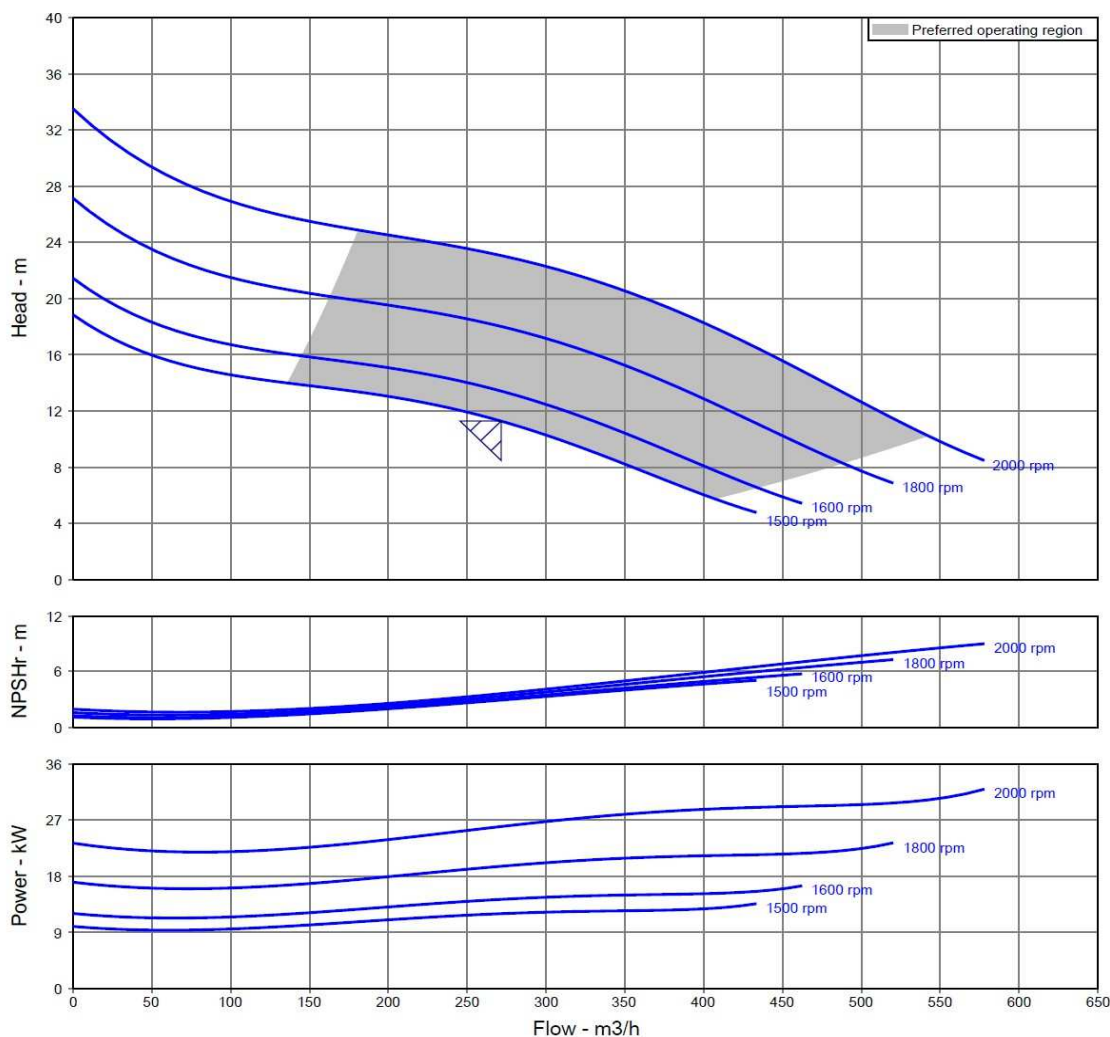
- Auto start/stop system
- Switch manual – 0 – Automatic
- Tachometer
- Hour counter
- Warning lights "oil and engine temperature"
- Warning light "auto stand-by"
- GPRS – VISA Web supervisor & APP
- Geolocation and Geo-fencing
- Soot / Ash filter control
- Two float switches (min/max level) support for automatic operation

The data contained in this document is nominal and refers to the standard equipped model and is not binding. Visa S.p.A. reserves the right to revise the information without notice.

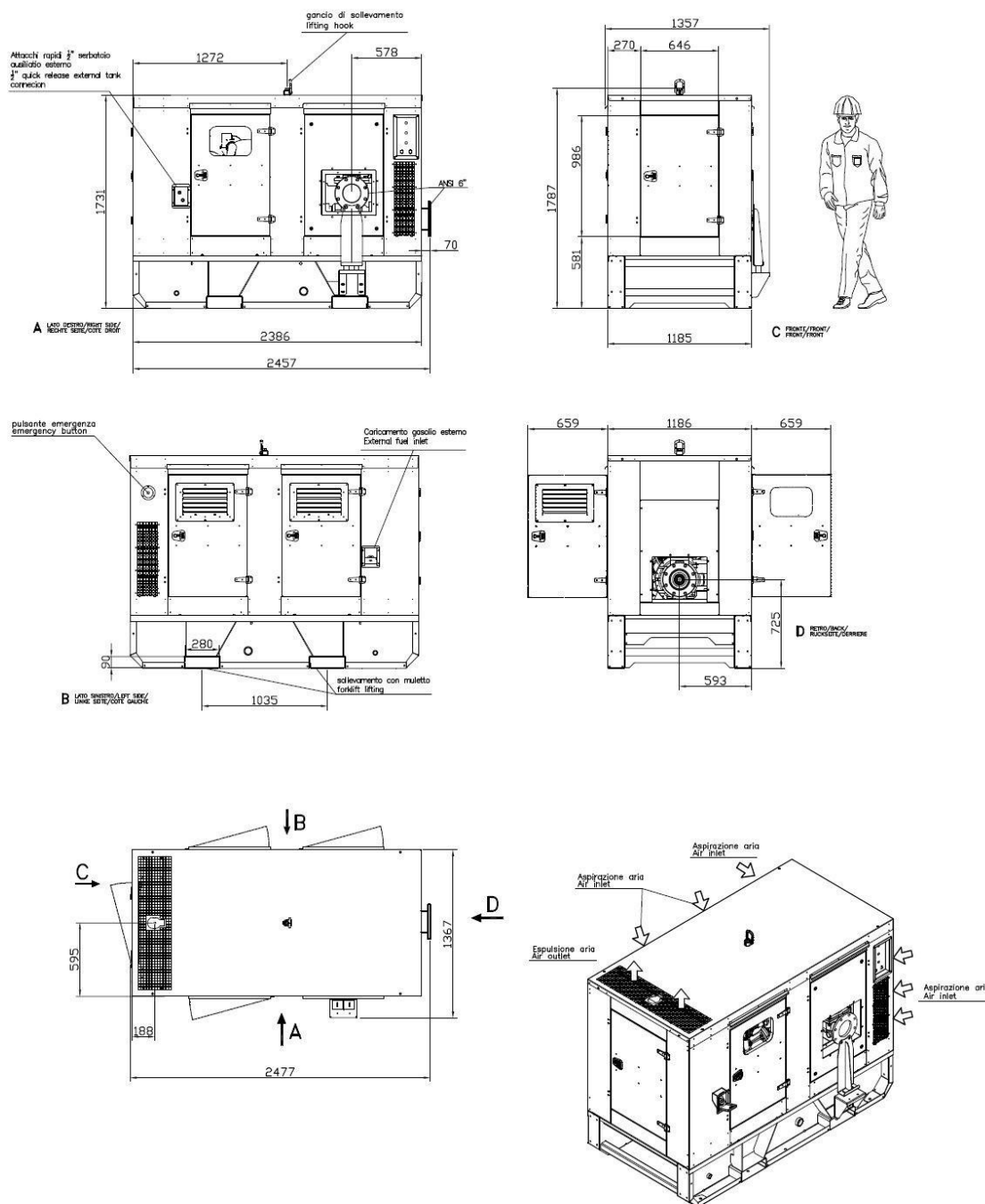


MULTI-SPEED PERFORMANCE CURVE

World-class performance: Using high efficiency pumps and top performance diesel engines, the Zeus Dry Prime units offer high performance and efficiency to ensure predictable and timely job completion with minimal operating expenses



Description	: PP66S10	Speed, rated	: 1500 rpm
Stages	: 1	Based on curve number	: 66S10
Differential head / pressure, rated	: 11.28 m	Efficiency	: 69.34 %
Fluid density, rated / max	: 0.998 / 0.998 kg/dm ³	Viscosity	: 1.00 cSt
Power, rated	: 12.01 kW	Cq/Ch/Ce/Cn [ANSI/HI 9.6.7-2010]	: 1.00 / 1.00 / 1.00 / 1.00
NPSH required	: 2.91 m	Impeller diameter, rated	: 241 mm
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PRELIMINARY DIMENSIONS


Nettuno motorpumps designed & built by VISA SPA • Complete in-house design & production

- Over 45 years of experience in the motorpumps sector
- In-house extensive testing facility
- Modern & functional design
- Durable materials
- Customizations available