

ONIS VISA Zeus Dry Prime

Model: MTZ.F100.SS

MODEL: Dewatering



ALL PICTURES SHOWN ARE FOR ILLUSTRATION PURPOSE ONLY

MAIN DATA

Max. flow	900 m³/hour
Max. Max head	44 mwc
Solids handling	76 mm
Suction connection	ANSI 8"
Delivery connection	ANSI 8"
Fuel tank	500 l.

DIMENSIONS AND WEIGHT

Width	1425 mm
Length	2900 mm
Height	2240 mm
Weight	2400 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	PP88S12L7 E0 311
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



Brand	FPT Industrial
Model	N45MSSX00.50
Gross Power	74 kW @ 2200 rev/min
Displacement	4,5 l.
N° cylinders	4
Cooling system	Water cooled
Exhaust emission	Stage IIIA

CONTROL PANEL

Controller model NT5 by Nettuno

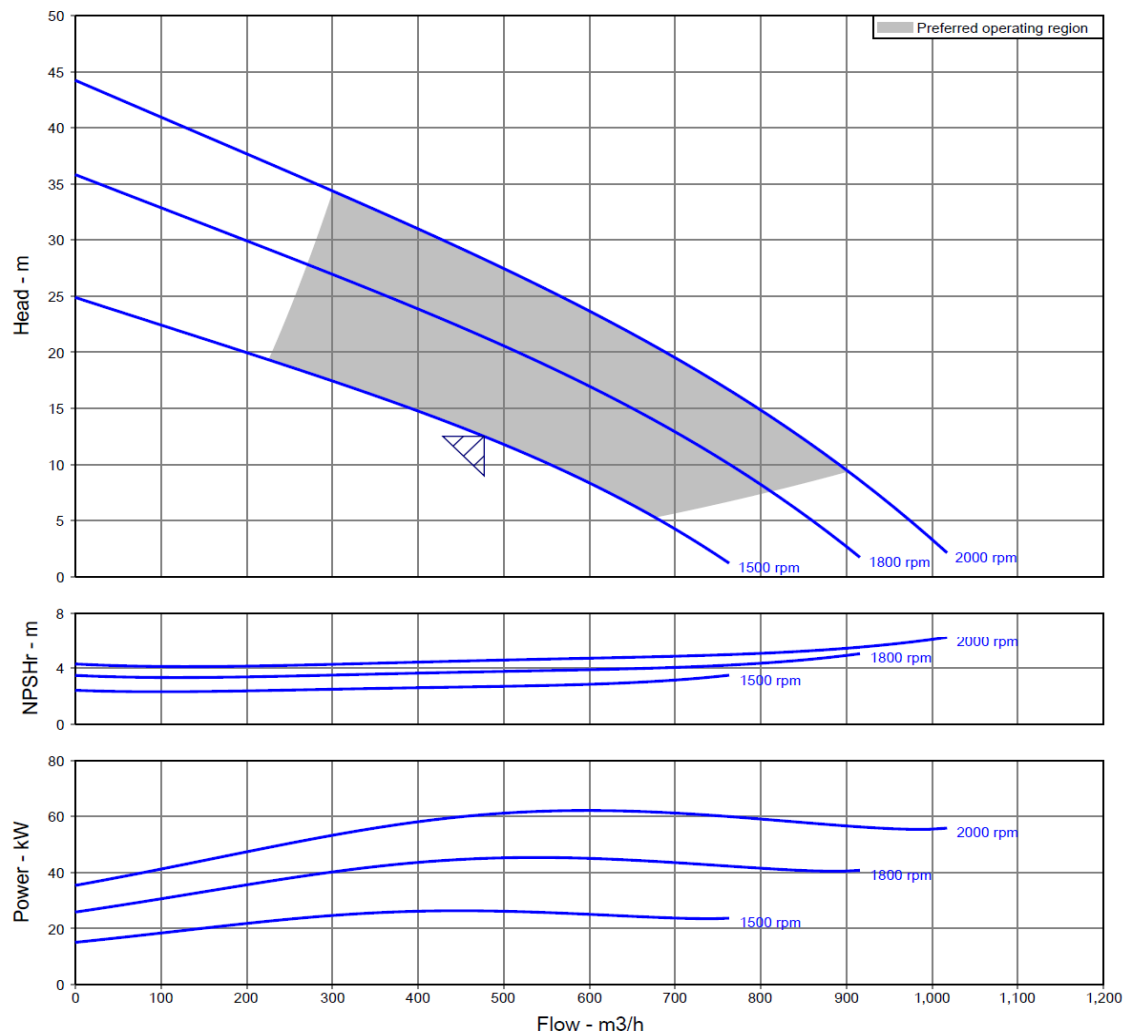


- Auto start/stop system
- Switch manual – 0 – Automatic
- Tachometer
- Hour counter
- Warning lights "oil and engine temperature"
- Warning light "auto stand-by"
- GPRS – VISA Web supervisor & APP
- Geolocation and Geo-fencing
- Soot / Ash filter control
- Two float switches (min/max level) support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

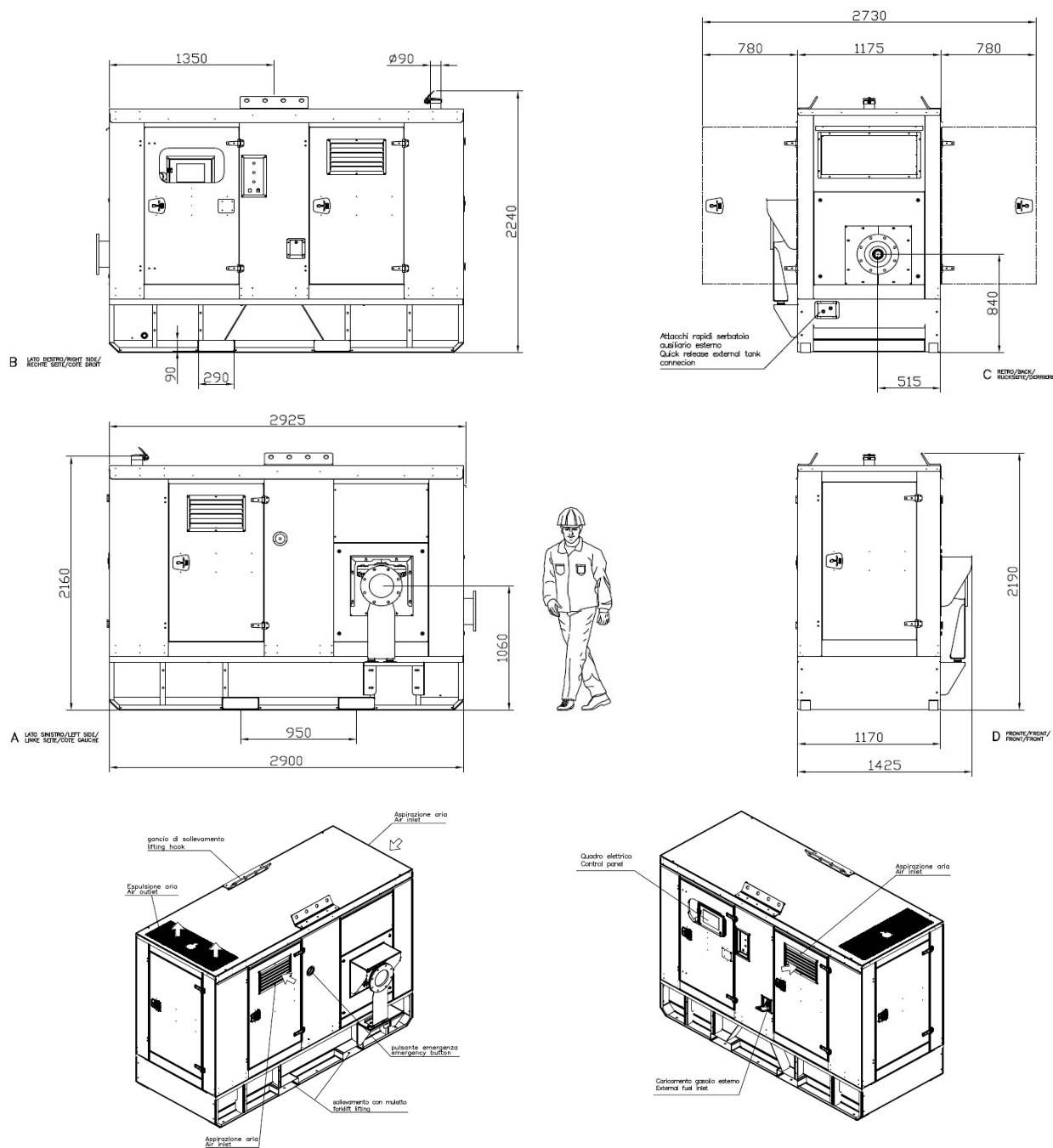
**ONIS VISA Zeus Dry Prime****Model: MTZ.F100.SS****MULTI-SPEED PERFORMANCE CURVE**

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	: PP88S12	Speed, rated	: 1500 rpm
Stages	: 1	Based on curve number	: 88S12
Differential head / pressure, rated	: 12.50 m	Efficiency	: 61.68 %
Fluid density, rated / max	: 0.998 / 0.998 kg/dm³	Viscosity	: 1.00 cSt
Power, rated	: 26.29 kW	Cq/Ch/Ce/Cn [ANSI/HI 9.6.7-2010]	: 1.00 / 1.00 / 1.00 / 1.00
NPSH required	: 2.67 m	Impeller diameter, rated	: 279 mm
		Saved Date	: 20 Jan 2022 4:16 AM

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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

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