

Issue 10/15	Technical Data	HÜDIG®
HÜDIG Gen-Set on Chassis with integrated Dynamic Pump Control		
AGROSTEP 60		



Allgemeine technische Daten, ca.:

Length:	4150 mm
Width:	1775 mm
Height:	1950 mm
Weight (dry):	1779 kg
Tank capacity:	500 l
Tank capacity sufficient for:	41 h
Acoustic Power Level:	91 dB(A)
Sound Pressure Level (7m):	63 dB

Generator:

Brand:	Mecc Alte
Type:	ECP 32 - 2M/4B
Apparent power:	60 kVA
3 ~ cos φ:	0,8
Voltage 3 ~:	400 V
Voltage 1~:	230 V
Frequency:	50 Hz
Current 3 ~:	87 A
Overload:	every 6 h for 1 h

Protection Class:	IP 21
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Motor:

Brand:	IVECO
Type:	N45SM1F
Emission Class:	IIIA
Number of Cylinders:	4
Output (PRP):	56,3 kW
Speed:	1500 min ⁻¹
Fuel:	Diesel
Fuel Consumption:	
at max. Power Input of the Pump:	11 l/h
at 100% Engine Workload:	16,7 l/h

Electrical connection via sockets:

- 1 x shockproof socket 230V
- 1 x CEE- socket 32 A, 5-pole, 400 V

1 x CEE- socket 63 A, 5-pole, 400 V

1 x FI-Protect Switch (RCD) 30 mA

Features:

- Tank frame chassis with removable drawbar with DIN - towing eye
- 1 Crank support wheel front , rear support leg
- Closed oil collecting vat
- Noise protection canopy with lockable doors
- Emergency stop button
- Operation via a central control panel
- Voltmeter ; - Ammeter ; - Frequency indicator
- Operating hours counter
- Automatic Switchoff Engine:
 - Overtemperature
 - Low oil pressure
 - Lack of fuel

Integrated pump control with frequency converter for max. 37 kW :

The HÜDIG Dynamic Pump Control is especially developed for irrigation applications.

Funktionen der Steuerung:

The control has two operating modes (manual and automatic) . These can be set via a selector switch on the control panel. In manual mode, the desired speed is set via a potentiometer. In automatic mode, a target pressure value is given by the potentiometer. This is compared with the actual pressure and adjusted accordingly. On the display of the control unit all important operating parameters and possible interfering messages are displayed.

Electrical Connection Pump Control:

- 1 x CEE- socket 125 A, 5-pole, 400 V
- 1 x Electrical connector for sensor wire

Optional Accessories:

- Tank frame chassis with 985 Liter tank volume
- Lighting device as per traffic code
- Wheel chock
- LED-Interior lighting
- Working headlight
- Tank level indicator

Additional Accessories as per request

Subject to change without prior notice!

HÜDIG – Ihr Partner, der für Sie durchs Wasser geht

HÜDIG®
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Absenk- und Beregnungsanlagen

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