Powerpac - Diesel Power take-off units
from 25.5 to 242 Kwm Net

GENERATORS GHADDAR

Power take-off

JOHN DEERE

LEROY SOMER

PTO Standard Features

Assembly:
PTOs are assembled at Ghaddar Machinery Factory in compliance with ISO 8528-8 standard.
PTO are usually mounted to drive Pumps, Mills, etc...

Fabrication:
- The engine/PTO assembly rests on skid with Anti-vibration mounting pads.
- The skid is made up of durable sheet metals and beams exceeding "Vibration & Torsion" Resistance Norms.
- The control panel enclosure is made up of metal sheet of 1.25mm thickness

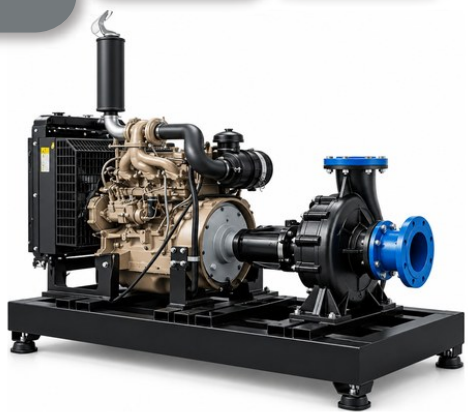
Paint:
-The skid and control panel enclosure are painted with heat-treated and power-coated electrostatic corona spraying.
- Paints passed durability tests conforming to international quality standards.
- Impact (EN ISO 6272)
- Salt Spray Resistance (ASTM B117-73)
- Humidity Resistance (ASTM D2247)

Works-Testing:
- All PTOs are tested prior to dispatch.
- Test is automatically generated and checked according to ISO8528
- Test certificate is issued for each PTO

Equipment:
- Multi cylinder, 4 strokes John Deere Engine
- Water cooled Radiator with belt driven blower fan and full guarding
- Direct injection
- Electric starter with solenoid Relay
- Battery Charging Alternator
- Energized to run solenoid
- Replaceable fuel, oil and air filters
- Heavy duty leads acid battery with matching capacity (Amps & CCA)
- One loose supplied industrial exhaust silencer – 16 DB noise reduction level

PTO:
- Hand operated twin or single over center clutch..

Documentation:
- Wring Diagram.
- Test Report
- Maintenance Schedule
- Catalogue for Engine



- Image is for reference only and might not be 100% reflective of the actual product.

Control Panel Specifications

GMP200 series panel is an automatic start generating set panel of microprocessor-based design (DSE6110). It is fully configurable by front fascia buttons and PC software as well.

Circuit Breaker Schneider or ABB, 3 Pole MCB or MCCB (4 Pole available as Optional)



Certifications

ISO 17025 ACCREDITED LABORATORY

- The control panel is certified by an ISO 17025 accredited laboratory to have IP55 according to IEC 60355

Certified System Quality ISO 9001 SAI GLOBAL

GHADDAR MACHINERY CO.
www.ghaddar.com

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PTO powered by John Deere engines

Engine Type	kWm Net @1500 RPM		kWm Net @1800 RPM*[1]		HSG Size	Clutch Size	Fuel Consumption (L/Hr)		Total Oil Capacity	Dimensions (mm)			Approx Wght
	Cont*[2]	Max	Cont*[2]	Max	SAE	Inch	75% Load - 1500 RPM	75% Load - 1800 RPM	Litre	L	W	H	Kg
3029DFU29	25.5	29.5	29	33	3	11.5S	5.3	6.4	6	2300	750	1100	540
3029TFU20	37.1	41	40.2	45	3	11.5S	7.67	9.2	6	2300	750	1100	550
4045TF158	60.5	67.5	62	79	3	11.5S	12.3	14.5	13.2	2300	750	1100	550
4045TF258	60	80	68.5	86.5	3	11.5S	16.5	16	13.2	2700	750	1300	625
4045HF158	65	98	76.5	118.5	3	11.5D	16.5	21	17	2700	750	1300	700
6068TF258	87.5	116.5	103	137	3	11.5D	20	25	17	3800	1000	1700	785
6068HF158	106	148	128	178	3	11.5D	26	32	24.6	3800	1000	1700	860
6068HF258	101	173	127	200	3	11.5D	31.5	36	32	3800	1000	1700	888
6068HFU20	177	195	178	197	3	11.5D	35	37	32	3800	1000	1700	888
6068HFU55	219	239	219	242	4	11.5D	40	41	32.5	3900	1100	1700	950

Note 1: Consult the factory to check if if the combination is capable of switchable speed operation.
Note 2: Continous load rating is unlimited operation at 100% load. It is different from prime rating that is rated at smaller average load factor.

Due to continuous improvements, above data is subject to change without prior notice

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