

INDUSTRIAL LINE

power
and innovation

160 L
Fuel Tank
capacity

designed and created
for your needs

Designed to provide
an exceptional level
of performance
for every work on site
ensuring the right
balance between power
and ease of use

MGTP
80 SS-FI



more sustainable
and environmentally
friendly future

TRIME
Power Division

MGTP 80 SS-FI

GENSET MODEL



APPLICATIONS



Constructions



Mining operations



Events



Military applications

FEATURES

- ✓ Hard wires connection protected
- ✓ Electrical panel DSE 4520 mounted on board with safety cover
- ✓ Circuit breaker
- ✓ Internal exhaust gas silencer and insulated manifold
- ✓ Engine oil extraction pump and fuel decanter filter
- ✓ 12V Battery with battery switch
- ✓ Bunded tank
- ✓ Lifting hooks and side forklift pockets

Options factory installed

220V Electric pre-heater

KIT socket TPS01: **1x32A, 1x16A 3Ph
1x16A 1Ph + 1x16A Schuko**

KIT socket TPS03: **1x63A, 1x32A, 1x16A 3Ph
1x16A 1Ph + 1x16A Schuko
125A breaker with adj. earth fault relay**

Kit AMF and ATS panel

Predisposition for quick release fitting for external fuel tank

Oversize fuel tank 300 l



easy handling & transportability

Code	IP198-80TS0
Mechanical version Silenced version with galvanized steel sheet and powder-painted canopy, compact base frame, with bunded tank and leak control	
Dimensions	
L x W x H (mm)	2560 x 1040 x 1820
Weight (Kg)	1600
Technical Data	
Prime Power (PRP)(kVA)	83
Prime Power (PRP)(kW)	66,4
Limited Power (LTP)(kVA)	90,8
Limited Power (LTP)(kW)	72,64
Rated Power Factor (cos φ)	0.8
Windings	Three phases Series Star
Rated three-phase concatenated Voltage (V)	400
Rated phase-neutral voltage (V)	230
Rated frequency (Hz)	50
Fuel Tank Capacity (l)	160
Fuel type	Diesel
Sound pressure 7 m. (dBA)	67
Fuel Consumption	
Fuel Cons. at 100% (LTP)(l/h)	21,2
Fuel Cons. at 100% (PRP)(l/h)	19,4
Fuel Cons. at 75% (PRP)(l/h)	14,4
Fuel Cons. at 50% (PRP)(l/h)	9,6
General Alternator data	
Alternator brand	STAMFORD
Alternator model	UCI224G
PRP Power (kVA)	85
LTP Power (kVA)	90,8
Winding	Three phases Series Star
Terminals Number	12
IP Protection	23
Electronic regulator	AS440
Precision	± 1 %
General Engine data	
Engine brand	FPT IVECO
Engine model	N45SM3
Cylinders	4
R.P.M.	1500
Cubic capacity	4500
Air intake	Turbo
Standard voltage (Vdc)	12
Sae	3 - 11
BMEP (kPa)	1777
Cooling	Water
Flywheel P.R.P. Power (kW)	72,7
Flywheel Stand-by Power (kW)	80,2
Electronic regulator	On request
Precision class	G2
Oil quantity (l)	12,8
EU Stage	Non emission certified



TRIME®

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