

INDUSTRIAL LINE

power
and innovation

**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

160 L
Fuel Tank
capacity

MGTP
100 SS-PI



**more sustainable
and environmentally
friendly future**

TRIME
Power Division

MGTP 100 SS-PI

GENSET MODEL



Perkins®



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 800 l



easy handling & transportability

Code	IP214-100TS0
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)	2560x 1040 x 1805
Weight (Kg)	1650
Technical Data	
Prime Power (PRP) (kVA)	100
Prime Power (PRP) (kW)	80
Limited Power (LTP) (kVA)	110
Limited Power (LTP) (kW)	88
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)	65

Fuel Consumption	
Fuel Cons. at 100% (LTP) (l/h)	24,9
Fuel Cons. at 100% (PRP) (l/h)	22,6
Fuel Cons. at 75% (PRP) (l/h)	17,1
Fuel Cons. at 50% (PRP) (l/h)	11,2

General Alternator data	
Alternator brand	STAMFORD
Alternator model	UCI274C
PRP Power (kVA)	100
LTP Power (kVA)	110
Winding	Three phases Series Star
Terminals Number	12
IP Protection	23
Electronic regulator	AS440
Precision	± 1.00 %

General Engine data	
Engine brand	PERKINS
Engine model	1104C-44TAG2
Cylinders	4
R.P.M.	1500
Cubic capacity	4400
Air intake	Turbo
Standard voltage (Vdc)	12
Sae	3 - 11
BMEP (kPa)	1702
Cooling	Water
Flywheel P.R.P. Power (kW)	89
Flywheel Stand-by Power (kW)	97,9
Electronic regulator	Standard
Precision class	G3
Oil quantity (l)	8
EU Stage	STAGE 2



TRIME®

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