

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

800 L
Fuel Tank
capacity

MGTP
450 SS-PI



**more sustainable
and environmentally
friendly future**

TRIME
Power Division

MGTP 450 SS-PI

GENSET MODEL

Perkins®



APPLICATIONS



Constructions



Mining operations



Events



Military applications

FEATURES

- ✓ Hard wires connection protected
- ✓ Electrical panel ComAp AMF25 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



easy handling & transportability

Code	IP223-450TS0
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)	4310x1600 x 2560
Weight (Kg)	5140
Technical Data	
Prime Power (PRP)(kVA)	450
Prime Power (PRP)(kW)	360
Limited Power (LTP)(kVA)	500
Limited Power (LTP)(kW)	400
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)	800
Fuel type	Diesel
Sound pressure 7 m. (dBA)	72
Fuel Consumption	
Fuel Cons. at 100% (LTP)(l/h)	109
Fuel Cons. at 100% (PRP)(l/h)	99
Fuel Cons. at 75% (PRP)(l/h)	73
Fuel Cons. at 50% (PRP)(l/h)	51
General Alternator data	
Alternator brand	STAMFORD
Alternator model	S4L1D-G
PRP Power (kVA)	450
LTP Power (kVA)	500
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	2506C-E15TAG1
Cylinders	6
R.P.M.	1500
Cubic capacity	15200
Air intake	Turbo
Standard voltage (Vdc)	24
Sae	1 - 14
BMEP (kPa)	2197
Cooling	Water
Flywheel P.R.P. Power (kW)	396
Flywheel Stand-by Power (kW)	435
Electronic regulator	Standard
Precision class	G3
Oil quantity (l)	62
EU Stage	STAGE 2



TRIME®

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