

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**<sup>®</sup>  
Power Division

# MGTP 450 SS-PI

GENSET MODEL

Perkins®

engine



## 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	
<b>Dimensions</b>	
L x W x H (mm)	4310x1600 x 2560
Dray weight (Kg)	5140
<b>Technical Data</b>	
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
<b>Fuel Consumption</b>	
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
<b>General Alternator data</b>	
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 %
<b>General Engine data</b>	
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®**

Sales Dept. +39 0382 406 252 - [www.trime.it](http://www.trime.it) - [info@trime.it](mailto:info@trime.it)

The company reserves the right to modify the technical specifications, items and design without notice. The images of the products are indicative for illustrative purposes only.