

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**  
**500 SS-PI**



**more sustainable  
and environmentally  
friendly future**

 **TRIME**<sup>®</sup>  
Power Division

# MGTP 500 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	IP224-500TSO
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)	4810x1600 x 2560
Dray weight (Kg)	5210
<b>Technical Data</b>	
Prime Power (PRP)(kVA)	500
Prime Power (PRP)(kW)	400
Limited Power (LTP)(kVA)	520
Limited Power (LTP)(kW)	416
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)	73
<b>Fuel Consumption</b>	
Fuel Cons. at 100% (LTP)(l/h)	111
Fuel Cons. at 100% (PRP)(l/h)	100
Fuel Cons. at 75% (PRP)(l/h)	76
Fuel Cons. at 50% (PRP)(l/h)	53
<b>General Alternator data</b>	
Alternator brand	STAMFORD
Alternator model	HCI5C
PRP Power (kVA)	500
LTP Power (kVA)	520
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-E15TAG2
Cylinders	6
R.P.M.	1500
Cubic capacity	15200
Air intake	Turbo
Standard voltage (Vdc)	24
Sae	1 - 14
BMEP (kPa)	2405
Cooling	Water
Flywheel P.R.P. Power (kW)	435
Flywheel Stand-by Power (kW)	478
Electronic regulator	Standard
Precision class	G3
Oil quantity (l)	62
EU Stage	Non emission certified



**TRIME®**

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