



## GENSET MODEL

### Model **MGTP 100 SS FI**

Mechanical version  
Silenced version with galvanized steel sheet and powder-painted canopy, compact base frame, with bunded tank and leak control

Fuel Tank Capacity                      lt.     160

### Rated 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 (cosφ)		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 type		Diesel

### Dimensions And Noise

Length	mm	2560
Width	mm	1040
Height	mm	1805
Weight	Kg	1600
Sound pressure 7 m.	dBA	65

### Fuel consumption

Fuel Cons. at 100% (LTP)	l/h	24,4
Fuel Cons. at 100% (PRP)	l/h	22
Fuel Cons. at 75% (PRP)	l/h	15,3
Fuel Cons. at 50% (PRP)	l/h	11

### 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 nr
IP Protection		23
Electronic regulator		SX460
Precision		± 1.50 %

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.

### General Engine Data

Engine brand		FPT IVECO
Engine model		N45TM2A
Cylinders		4
R.P.M.		1500
Cubic capacity		4500
Air intake		Turbo
Standard voltage	Vdc	12
Sae		-
BMEP	kPa	1584
Cooling		Water
Flywheel P.R.P. Power	kW	87,5
Flywheel Stand-by Power	kW	96,2
Electronic regulator		On request
Precision class		G2
Oil quantity	lt.	12,8
EU Stage		STAGE 2

### Standard 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