

INDUSTRIAL LINE

**power**  
**and innovation**

**160 L**  
**Fuel Tank**  
**capacity**

**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

**MGTP**  
**120 SS-FI**



**more sustainable**  
**and environmentally**  
**friendly future**

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

# MGTP 120 SS-FI

GENSET MODEL



FPT IVECO

engine



## 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	IP200-120TS0
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)	2560 x 1040 x 1805
Dray weight (Kg)	1690
<b>Technical Data</b>	
Prime Power (PRP)(kVA)	124
Prime Power (PRP)(kW)	99,2
Limited Power (LTP)(kVA)	135
Limited Power (LTP)(kW)	108
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)	68
<b>Fuel Consumption</b>	
Fuel Cons. at 100% (LTP)(l/h)	30,4
Fuel Cons. at 100% (PRP)(l/h)	27,6
Fuel Cons. at 75% (PRP)(l/h)	20,4
Fuel Cons. at 50% (PRP)(l/h)	14,4
<b>General Alternator data</b>	
Alternator brand	STAMFORD
Alternator model	UC1274E
PRP Power (kVA)	140
LTP Power (kVA)	150
Winding	Three phases Series Star
Terminals Number	12
IP Protection	23
Electronic regulator	AS440
Precision	± 1 %
<b>General Engine data</b>	
Engine brand	FPT IVECO
Engine model	N45TM3
Cylinders	4
R.P.M.	1500
Cubic capacity	4500
Air intake	Turbo
Standard voltage (Vdc)	12
Sae	3 - 11
BMEP (kPa)	1937
Cooling	Water
Flywheel P.R.P. Power (kW)	107,2
Flywheel Stand-by Power (kW)	118,2
Electronic regulator	On request
Precision class	G2
Oil quantity (l)	12,8
EU Stage	Non emission certified



**TRIME®**

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