



### GENSET MODEL

#### Model **MGTP 100 SS PI**

Mechanical version  
Silenced version with galvanized steel sheet and powder-painted canopy, compact baseframe, with bundled 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      1850

Weight    Kg      1650

Sound pressure 7 m.                              dBA      65

#### Fuel consumption

Fuel Cons. at 100% (LTP)                      l/h      24,9

Fuel Cons. at 100% (PRP)                      l/h      22,6

Fuel Cons. at 75% (PRP)                      l/h      17,1

Fuel Cons. at 50% (PRP)                      l/h      11,2

#### 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    PERKINS

Engine model    1104C-44TAG2

Cylinders    4

R.P.M.    1500

Cubic capacity    4400

Air intake    Turbo

Standard voltage                                      Vdc      12

Sae    -

BMEP    kPa      1702

Cooling    Water

Flywheel P.R.P. Power                                      kW      89

Flywheel Stand-by Power                                      kW      97,9

Electronic regulator                                      Standard

Precision class    G3

Oil quantity    lt.      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

Bundled tank

Lifting hooks and side forklift pockets

#### Options factory installed

220V Electric pre-heater

KIT socket TPS01: 1x32A, 1x16A 3Ph  
1x16A 1Ph + 1x16A Schuko

1x63A, 1x32A, 1x16A 3Ph

KIT socket TPS03: 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

Overdose fuel tank

