

ULTRA SILENT LINE
STAGE 5

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

MGTP
100 USL-K

**more sustainable
and environmentally
friendly future**

STAGE 5
CERTIFIED

300 L
Fuel Tank
capacity



TRIME
Power Division

MGTP 100 USL-K

GENSET MODEL



NOISE
level 55
dB(A) at 7m

APPLICATIONS



Constructions



Mining operations



Events



Military applications

FEATURES

- ✓ Autostart logic panel DSE 7310 for Manual version
- ✓ 4-poles magnetothermic switch
- ✓ Adjustable ELCB circuit breaker
- ✓ Power terminal block protection microswitch
- ✓ Oil extraction pump
- ✓ Battery disconnect switch
- ✓ Mechanical fuel level gauge on tank
- ✓ 3-way valve for diesel circuit from ext. tank (quick couplings excluded)
- ✓ Side rubber bumper protection
- ✓ Water / Diesel separator filter
- ✓ AdBlue, urea tank included
- ✓ Central lifting hook
- ✓ Doors closing by compression
- ✓ Radiator in separate compartment
- ✓ Heavy duty air filter
- ✓ Liquid collection tank with alarm
- ✓ Tank inspection flange
- ✓ Reinforced chassis for Rental use
- ✓ Alternator with butadiene protection System 2 Leroy Somer or Total Plus MeccAlte



easy handling & transportability

Code	RP345-100TS0
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ULTRA SILENCED version, galvanized and powder-painted canopy, compact base frame, with bunded tank and leak control

Dimensions

L x W x H (mm)	2600 x 1130 x1800
Dray weight (Kg)	2080

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 (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 type	Diesel
Fuel tank capacity (l)	300
AD BLUE Tank Capacity	16

Fuel consumption

Fuel Cons. at 100% (L.T.P.)(l/h)	27,3
Fuel Cons. at 100% (P.R.P.)(l/h)	24,8
Fuel Cons. at 75% (P.R.P.)(l/h)	18,8
Fuel Cons. at 50% (P.R.P.)(l/h)	12,3

Alternator

Alternator brand	Leroy-Somer
Alternator model	LSA44.3S5
P.R.P. Power (kVA)	100
L.T.P. Power (kVA)	110
Winding	Three phases Series Star
Terminals Number	12
IP Protection	23
Voltage regulator	AVR $\pm 0,25\%$ D350 AREP
Short-circuit current	300 %: 10s

Engine

Engine brand	KOHLER
Engine model	KDI3404TCR SCR
Cylinders	4
R.P.M. (rpm)	1500
Cubic capacity (cc)	3359
Air intake	Turbo
Standard voltage (Vdc)	12
Sae	-
BMEP (kPa)	684
Cooling	Water
Flywheel P.R.P. Power (kW)	90,3
Flywheel Stand-by Power (kW)	99,4
Electronic regulator	Yes
Precision class	G2
Oil quantity (l)	8,9

Options: Rental Kit

4 x 16A 230V + 1 x 32A 400 V with ELCB protection	
Sound Pressure 7m (0% load)	dBA 55

Standard reference conditions

Standard reference conditions temperature 25°C, altitude 100m asl, relative humidity 30%, atmospheric pressure 100 kPa (1 bar), power factor 0.8 lag, balanced load - non distortional



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