

ULTRA SILENT LINE  
STAGE 5

power  
and innovation

designed and created  
for your needs

STAGE 5  
CERTIFIED

150 L  
Fuel Tank  
capacity

Designed to provide  
an exceptional level  
of performance  
for every work on site  
ensuring the right  
balance between power  
and ease of use



MGTP  
20 USL-K

more sustainable  
and environmentally  
friendly future

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

# MGTP 20 USL-K

GENSET MODEL



**NOISE**  
level **54**  
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
- ✔ 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



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Code	RP341-20TSO
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ULTRA SILENCED version, galvanized and powder-painted canopy, compact base frame, with banded tank and leak control

## Dimensions

L x W x H (mm)	1950x770x1250
Weight (Kg)	1020

## Technical Data

Prime Power (PRP)(kVA)	19
Prime Power (PRP)(kW)	15,2
Limited Power (LTP)(kVA)	21
Limited Power (LTP)(kW)	16,8
Rated Power Factor (cos $\phi$ )	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)	150

## Fuel consumption

Fuel Cons. at 100% (L.T.P.)(l/h)	5,8
Fuel Cons. at 100% (P.R.P.)(l/h)	5,0
Fuel Cons. at 75% (P.R.P.)(l/h)	3,7
Fuel Cons. at 50% (P.R.P.)(l/h)	2,6

## Alternator

Alternator brand	Leroy-Somer
Alternator model	LSA40M5
P.R.P. Power (kVA)	20
L.T.P. Power (kVA)	22
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	KDI1903M
Cylinders	3
R.P.M. (rpm)	1500
Cubic capacity (cc)	1861
Air intake	Turbo
Standard voltage (Vdc)	12
Sae	-
BMEP (kPa)	684
Cooling	Water
Flywheel P.R.P. Power (kW)	18,5
Flywheel Stand-by Power (kW)	20,3
Electronic regulator	On request
Precision class	G2
Oil quantity (l)	8,9

## Options: Rental Kit

2 x 16A 230V + 1 x 32A 400 V with ELCB protection

Sound Pressure 7m (0% load)	dBA 54
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## 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