

ULTRA SILENT LINE
STAGE 5

power
and innovation

STAGE 5
CERTIFIED

2000 L
Fuel Tank
capacity

MGTP
500 USL-S

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



more sustainable
and environmentally
friendly future

TRIME
Power Division

MGTP 500 USL-S

GENSET MODEL



NOISE
level 62
dB(A) at 7m

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

Fuel saving in 1000h operation* I 1600

* Compared to standard generators



Code	RP350-500TS0
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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)	5000 x 2100 x 2400
Weight (Kg)	8980
Technical Data	
Prime Power (PRP) (kVA)	500
Prime Power (PRP) (kW)	400
Limited Power (LTP) (kVA)	550
Limited Power (LTP) (kW)	440
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)	2000
AD BLUE Tank Capacity	160
Fuel consumption	
Fuel Cons. at 100% (L.T.P.) (l/h)	97,9
Fuel Cons. at 75% (P.R.P.) (l/h)	68,5
Fuel Cons. at 50% (P.R.P.) (l/h)	41,1
Fuel Cons. at 25% (P.R.P.) (l/h)	23,2
Alternator	
Alternator brand	Leroy-Somer
Alternator model	LSA47.2M7
P.R.P. Power (kVA)	500
L.T.P. Power (kVA)	550
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	SCANIA
Engine model	DC16 320A 02-62
Cylinders	8
R.P.M. (rpm)	1500
Cubic capacity (cc)	16400
Air intake	Turbo
Standard voltage (Vdc)	24
Sae	-
BMEP (kPa)	-
Cooling	Water
Flywheel P.R.P. Power (kW)	431,6
Flywheel Stand-by Power (kW)	492,6
Electronic regulator	Yes
Precision class	G2
Oil quantity (l)	36,0

Options: Rental Kit

5 x 16A 230V + 1 x 32A 400 V + 1 x 63A 400V with ELCB protection

Sound Pressure 7m (0% load)	dBA 62
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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



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