

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**

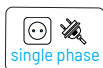


**more sustainable  
and environmentally  
friendly future**

**TRIME**  
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



**easy handling & transportability**

|      |             |
|------|-------------|
| Code | RP341-20TS0 |
|------|-------------|

ULTRA SILENCED version, galvanized and powder-painted canopy, compact base frame, with bunded 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 |
|-----------------------------|--------|

## 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



**TRIME®**

Sales Dept. +39 0382 406 252 - [www.trime.it](http://www.trime.it) - [info@trime.it](mailto:info@trime.it)

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