INDUSTRIAL LINE

# power and innovation

## **160 L** Fuel Tank capacity

**Power Division** 



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





### APPLICATIONS











#### FEATURES

- e 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
- 🧟 Bunded tank
- Lifting hooks and side forklift pockets

#### **Options factory installed**

| 220V Electric pre-heater |   |
|--------------------------|---|
| KIT socket TPS01:        | 1x32A, 1x16A 3Ph<br>1x16A 1Ph + 1x16A Schuko  |
| KIT socket TPS03:        | 1x63A, 1x32A, 1x16A 3Ph<br>1x16A 1Ph + 1x16A Schuko<br>125A breaker with adj. earth fault relay |

Kit AMF and ATS panel

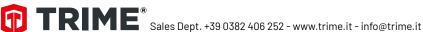
Predisposition for quick release fitting for external fuel tank

Oversize fuel tank



| Code  | IP197-60TS0              |
|---|--------------------------|
| Mechanical version<br>Silenced version with galvanized steel sheet<br>compact base frame, with bunded tank and le |                          |
| Dimensions  | -                        |
| L x W x H (mm)  | 2260 x 1040 x 1790       |
| Dray weight (Kg)  | 1200                     |
| Technical Data  | 1.2.2                    |
| Prime Power (PRP) (kVA)   | 60                       |
| Prime Power (PRP)(kW)   | 48                       |
| Limited Power (LTP) (kVA)   | 66                       |
| Limited Power (LTP) (kW)  | 52,8                     |
| Rated Power Factor (cos φ)  | 0.8                      |
| Windings  | Three phases Series Star |
| Rated three-phase concatenated Voltage (V)  | 400                      |
| Rated phase-neutral voltage (V)   | 400                      |
| Rated frequency (Hz)  | 50                       |
| Fuel Tank Capacity (I)  | 160                      |
| Fuel type   | Diesel                   |
| Sound pressure 7 m. (dBA)   | 65                       |
| Fuel Consumption  |                          |
| Fuel Cons. at 100% (LTP)(I/h)   | 15                       |
| Fuel Cons. at 100% (PRP)(I/h)   | 13,7                     |
| Fuel Cons. at 75% (PRP)(I/h)  | 9,7                      |
| Fuel Cons. at 50% (PRP)(I/h)  | 7                        |
| General Alternator data   |                          |
| Alternator brand  | STAMFORD                 |
| Alternator model  | S1L2-Y                   |
| PRP Power (kVA)   | 62,5                     |
| LTP Power (kVA)   | 68,8                     |
| Winding   | Three phases Series Star |
| Terminals Number  | 12                       |
| IP Protection   | 23                       |
| Electronic regulator  | AS540                    |
| Precision   | ± 1.00 %                 |
| General Engine data   |                          |
| Engine brand  | FPT IVECO                |
| Engine model  | N45SM1A                  |
| Cylinders   | 4                        |
| R.P.M.  | 1500                     |
| Cubic capacity  | 4500                     |
| Air intake  | Turbo                    |
| Standard voltage (Vdc)  | 12                       |
| Sae   | 3 - 11                   |
| BMEP(kPa)   | 970                      |
| Cooling   | Water                    |
| Flywheel P.R.P. Power (kW)  | 53,5                     |
| Flywheel Stand-by Power (kW)  | 59                       |
| Electronic regulator  | On request               |
| Precision class   | G2                       |
| Oil quantity (I)  | 12,8                     |
|   | STACE 2                  |

STAGE 2



EU Stage