

Dragonfly40

Vacuum unit

- Vacuum unit with lobe pump, driven by a water-cooled Deutz Diesel engine
- Max Airflow 2130 m³/h
- Max Vacuum 8000 DaPa, with Safety valve
- 4 Cylinder Diesel engine 55.4kw @ 2300 rpm
- Battery 12V 80Ah
- 23L of diesel fuel for an autonomy of 8 working hours
- 4L of hydraulic oil tank for a hydraulic system with a maximum pressure of 110 bar
- Safety devices for pump and motor (max. Exhaust temperature, Max engine temperature, Low engine oil pressure and irregularity of the generator)
- Level Sensor for Container
- When errors/faults occur the respective warning light will be on and the engine is stopped (Max. Air Temperature, Max. Engine Oil Temperature, Low Engine Oil Pressure, Fault Alternator, Level Sensor)
- Engine-Key
- Button for speed increase of the diesel engine idle run and stop
- Exhaust with Silencer
- The complete Engine – Pump unit is mounted on a separate frame with rubber bushing
- Safety Filter with metal reinforcement, Surface 95.000 cm², Class M
- Supporting structure "monoblock" manufactured in steel plate, fitted with a cover for accessibility for maintenance

Filter unit and container

- Cyclone - Pre Separator with connecting diameter DN120 or 100mm
- Pocket filter with a Total surface of 162.000 cm²
- Filter unit with very good accessibility from above via a hydraulically operated lid
- Integrated filter cleaning system with differential pressure valve, this uses the pressure differential between the vessel pressure and the atmosphere around the filter bag
- Manual Discharge valve with 250mm diameter
- Lifting of the container by means of two Hydraulic cylinders
- Operator panel on the right side of the machine
- Level sensor for solids
- Back light and side marker for street use
- Hazard lamp
- Horn

