

Dragonfly

Industrial Vacuums

Dragonfly25

Vacuum unit

Vacuum unit with Lobe Pump, driven by a Watercooled Perkins Diesel engine (or Caterpillar for an extra cost)

Technical Data:

- Max Airflow 1100 m3/h
- Max Vacuum 5000 DaPa, with safety valve
- 3 Cylinder Diesel engine Perkins 23.2kw @ 3000 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 come on and the engine is stopped
- With Key
- Button for speed increase of the diesel engine idle run and stop
- External exhaust with Silencer
- The complete Engine – Pump unit is mounted on a separate frame with rubber bushing
- Safety Filter with metal reinforcement, Surface 18.000cm2, 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 DN100 or DN80
- Pocket filter with a surface of 72,000cm²
- Filter unit with very good accessibility from above via an easy to open 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 two Hydraulic cylinders
- Operator panel on the left side of the machine
- Level indicator for solids
- Lights for street use
- Hazard lamp
- Horn

