



*The picture shows a DISAB Futurion™ Q10.
Options may vary.*

DISAB Futurion™ Q10

Usage

The new generation of vacloader, DISAB Futurion™ Q10, has been produced and designed to perform multiple tasks within different and varied areas of application. Its high performance with strong air flow delivers a powerful suction capacity which, together with the round tank, makes the unit ideal for both wet and dry applications. Many of the customers are to be found within construction, the cement industry, steelworks, paper mills or power and energy plants.

Characteristics

DISAB Futurion™ Q10 is ideal for sucking up and removing all types of material that fits in an 8" hose. The unit is powered by the truck's engine. The tank is available in either 10 m³ or 12 m³. With its relatively low overall weight, DISAB Futurion™ Q10 has an excellent load capacity. Furthermore, it is equipped with a hydraulic pump with variable displacement which leads to better fuel economy.

The material is discharged by tipping the tank, and the emptying hatch is operated with a double-acting hydraulic cylinder

Benefits

DISAB Futurion™ Q10 is designed to give the operator great flexibility and its large number of options enabling it to be used within a range of different applications.

Other benefits include:

- Safe working environment for the operator:
 - All the vehicle's functions can be operated at a safe distance with a joystick radio.
 - Lower sound level and reduced vibration.
 - Large aperture angle for simpler discharge.
- Enhanced user-friendliness for the operator:
 - A modern control system with smart IoT solutions to support the user and provide better overview and control over the vehicle and the fleet.
 - Equipped with an interactive radio system which displays relevant data for the operator.
- Service-friendly in that it has excellent accessibility to filter, belts etc., which can reduce the length of service stops by 15%.
- Good payload capacity thanks to low weight and good load distribution.
- Available for ATEX.
- Compatible with DISAB MultiFLEX™ suction excavator.

Technical Data Chart for DISAB Futurion™ Q10

Description

Vacuum pump	Helical 3-lobe Roots pump (twisted lobes)
Max overpressure, mbar	N/A
Operating speed (rpm)	2,600 / 2,000 (option)
Voltage Frequency, V/Hz	N/A
Engine type	N/A
Tank volume (m³)*	10 / 12 / 14
Tank tipping system	Double acting system. Tailgate is hydraulically operated and locked.
Cooling air filter	Cartridge filter
ATEX approved	On request

* Excluding filter volume

Max vacuum, mbar	900
Air volume m³/h (unloaded)	8,500 / 11,000 (option)
Power, kW	210 / 280 (option)
Power source	Truck powered
Tank material	Carbon steel / stainless steel
Total Tank Volume (m³)	12.7 / 14.7 / 16.7
Main filter system (m²)	70 galvanized/stainless cages with filter socks in needed polyester glazed surface Filter area is 26m².
Safety filter surface (m²)	50

Core function

Suction	Yes
Blow / eject	N/A
Transport (ADR)	N/A
Discharge	By tipping the tank
Dry materials	Yes
Wet materials	Yes

Weight and Dimensions**

Complete unit including chassis (kg)	19,000
Total unit length including truck chassis (mm)	9,400
Total width (mm)	2,550
Height with hose boom (mm)	3,900

** Weight and dimensions are approximate and dependent of chassis and the vacuum unit equipment.



DISAB Futurion™ can absorb and transport away all types of material, both wet and dry.

DISAB Futurion™ Q10 is the new generation vacloader with a modern design to it and equipped with an easy-to-use control system with telematic alarm system. It is also compatible with DISAB MultiFLEX™