



*The picture shows a DISAB Futurion™ Q20 MultiFLEX.
Options may vary.*

Futurion™ Q10, Q20 MultiFLEX

Usage

DISAB MultiFLEX™ is the hose arm that is specially produced and designed for vacloaders which have to perform multiple tasks within different and varied areas of application. It can involve everything from sucking up and transporting material, to using a vacuum to excavate deep down in the ground for tasks such as exposing cables and pipes. Regardless of whether the material is wet or dry, cohesive or fine-grained, it can be handled by DISAB MultiFLEX™. DISAB MultiFLEX™ can handle anything that fits in a 10" hose. DISAB MultiFLEX™ can only be featured with our DISAB Futurion™ vacloader models, which are available with suction only feature (Q10) and with suction & blow features (Q20).

Characteristics

DISAB MultiFLEX™ is manufactured from high-tensile steel, making it lighter and simultaneously extra strong to cope with all the challenges that the market demands. It is positioned on the vacloader's emptying hatch for the best possible reach, thus facilitating work close to and on both sides of the vacloader.

DISAB MultiFLEX™ is designed with five arm sections to provide a long reach within a 180° sector behind the machine. A special rotor function is located on the arm's tool holder and it is used to increase the power and make penetrating down into the ground more effective.

Benefits

DISAB MultiFLEX™ is designed to be able to effectively tackle a range of challenges, everything from elevation high up along a house wall to excavating deep beneath the surface of the ground. DISAB MultiFLEX™ can be used within the same areas of application as DISAB's other hose arms but has an additional function, excavation, which increases its flexibility and widens the vacuum loader's range of applications.

Other benefits of DISAB MultiFLEX™ are:

- Safe working environment for the operator:
 - Optimised working area of 180° without needing to move the actual vehicle.
 - Simple to manoeuvre at a safe distance using a joystick-radio.
 - Large aperture angle for simpler discharge.
- Reduces the risk of digging up cables, pipes etc.
- Equipped with a 10" wide inlet hose which delivers an increased intake capacity at short distance.
- Good payload capacity thanks to DISAB MultiFLEX's™ weight construction.
- Equipped with a hydraulic pump with variable displacement which leads to better fuel economy.

Technical data sheet for DISAB MultiFLEX™

Description

Material	High-tensile steel	Number of arm sections	5
Reach side (m)	4.5	Hose dimension (")	10
Reach backwards (from the slewing centre) (m)	6.5	Stabilizers	Ja
Excavation depth with 1.5 m extension (4 metres out from slewing centre) (m)	2	Lift height (2 metres out from slewing centre) (m)	10.5
Excavation sector (°)	0–180	Tipping location	Rear

Compatible with DISAB Futurion™ Q10 and Q20 vacloaders

Core Function

Suck	Yes
Blow	Yes (Q20)
Discharge	By tipping the tank (Q10 + Q20) or unloading through blow system (Q20)

Weight & Dimension*

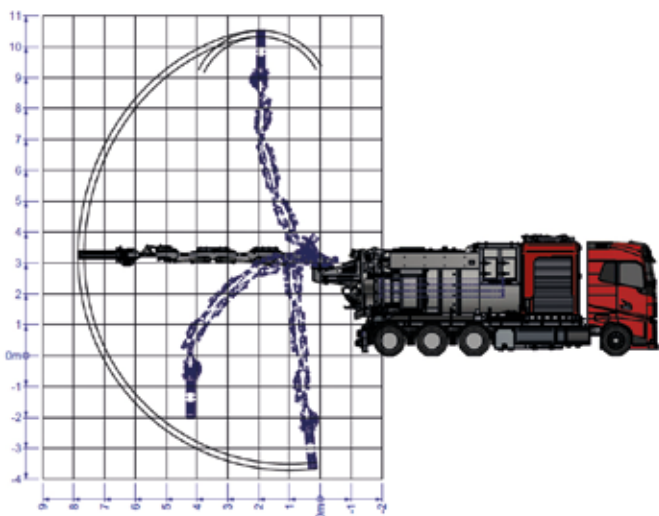
Total length (including chassis) (mm)	10,700
Total width (mm)	2,550
Complete system (including chassis) (kg)	23,400 (Q10) 25,500 (Q20)
Total height (including hose arm) (mm)	3,900

Beskrivning

Vacuum pump	Helical 3-lobe Roots pump (twisted lobes)
Max pressure, mbar	N/A (Q10) / 1,000 (Q20)
Operating speed (rpm)	2,000
Power source	From truck
Tank material	Carbon steel / stainless steel / acid-proof steel (Q20)

Max vacuum, mbar	900
Air volume m³/h (unloaded)	11,000
Max power requirement, kW	280
Tank volume, excluding filter volume (m³)	10 / 12
Total tank volume (m³)	12.7 / 14.7

* Weight and dimension are approximate and depend on chassis and any accessories used



The picture illustrates the working ranges of DISAB MultiFLEX™. The hose boom can effectively tackle a range of challenges.

Thanks to DISAB MultiFLEX™ we can access more working areas and tackle more assignments than we could before.

Sortera, Sweden