

SCHEDA TECNICA

FROG INDUSTRIAL VACUUM

ASPIRATORI INDUSTRIALI PER OLIO E TRUCIOLO

Il **FROG** is the **industrial vacuum** of the **OIL line** designed to **separate** and **vacuum oil** and **swarf** from the tanks of CNC machines. The standard equipment of this **vacuum cleaner** enables the **cleaning operations** to be speeded up and the oil lubricants-coolants to be reused. In the **Oil and Swarf range**, **Depureco** uses the “reverse flow” system to **empty liquids**. This system eliminates any additional maintenance and risks arising from the pumps clogging when transferring liquids. **Suction** is generated by **two motors** that work in parallel and ensure maximum speed. The **FROG industrial vacuum** is equipped with a 130-liter bin containing a quick-release metal basket that is used to **separate** the **solid** part from the **liquid** part. The 150-micron filter ensures a more **effective filtration** on the swarf. The electrical **level indicator** inside the **container** stops the airflow upon reaching maximum capacity. The **FROG** is supplied as standard with the perfect oil accessories kit for vacuuming **CNC machines**.



HIGHLIGHTS
SUCTION UNIT


The vacuum is generated by 2 by-pass motors. Each motor is managed by an independent switch, permitting the operator to control the intake performance. The motors are located in a sturdy casing, with an insulating sponge to maintain a low noise level.

INLET


The vacuumed material enters the machine through a flanged intake nozzle located on top of the vacuum's lid and is then filtered by the metal mesh basket inside. The grid is paired with a PPL filter. The liquid is then collected inside the large tank.

FILTERING ELEMENT


The collected liquid goes through a PPL filter with a 150 μ efficiency. Thanks to it it's possible to separate even the smallest solid particles, making the filtered liquid suitable for reuse. The filter can be washed and reused easily. A disposable TNT filter (efficiency 100 μ) is also available.

DISCHARGE SYSTEM


Using the inversion of the motors' outlet airflow, which can be activated through a handy ergonomic lever placed on the accessories' support plate, the vacuumed liquid can easily be discharged. The (optional) installation of a submerged pump enables continuous discharge, without any interruption of the vacuuming operations.

DATI TECNICI
MOTORE

Tipologia	by-pass
Voltaggio	240V
Massimo vuoto	250mBar
Massima portata d'aria	380m3/h
Livello di rumorosità	70dB(A)
Motori	2
Frequenza	50/60Hz
Potenza	3,5HP
Tempo di aspirazione	13030

MACCHINA

Bocca aspirante	50 \varnothing mm
Dimensioni	700 x 1.180mm
Altezza	1.320mm
Peso	95Kg
Capacità liquidi	130
Capacità solidi	40
Filtro olio	incluso
Tipologia di scarico	inversione
Tempo di scarico	130/50

OPZIONI

ALTRE OPZIONI



GX
Camera e contenitore acciaio INOX AISI 304



PUMP
Pompa per scarico in continuo
Pompa immersa per scarico in continuo