

## 301 and 302 TORCH

### Industrial Single Phase Vacuum

Sturdy and easy to transport, the TORCH 301 and 302 Industrial Vacuum Cleaner has been conceived to remove possible welding fumes from the source, by keeping fine dusts concentration to the extent permitted by law.

#### WELDING FUMES SUCTION

The suction of welding fumes in a machine shop contributes to create a healthier work environment, especially when applied directly on the source. The suction at the source is the best way to catch and suck welding fumes and to protect the health of the welder. The machine has a start and stop device which allows it to power on & to stop the machine without the intervention of the welder, who can focus on using the welding torch.



#### SUCTION UNIT

The suction is provided by a by-pass motor, using carbon brushes. The motor can be switched on by using the specific switch, or by a sensor detecting the electric current inside the welding apparatus power cable. The motor is placed inside a sturdy steel casing filled with soundproofing material.



#### FILTRATION UNIT

It is possible to clean the filter using the Dustop, an integrated reverse pulse system: by closing the suction inlet and opening a flap in the filter chamber, the airflow generated by the motor cleans the filter thoroughly and safely, maintaining constant suction performance and preventing any dispersion of dust in the environment.



#### COLLECTION UNIT

The detachable steel collection tank has a quick release system for the rapid disposal of the sucked material.

#### Main Features:

- Compact and mobile
- Easy filter replacement
- Optional articulated arm to suction in restricted areas
- Suction directly from the MIG/MAG welding torch



#### MODELS AND DATASHEET

MODELS	301 TORCH	302 TORCH
Power (Voltage)	240 - 50	240 - 50
Power (kW)	1.15	2.3
Max Waterlift (mmH2O)	2500	2500
Airflow Max. (m3/h)	180	360
Suction Inlet Diameter (mm)	50	50
Noise level (EN ISO 3744) — dB(A)	74	76
Prefilter	Spark Trap filter	Spark Trap Filter
Primary Filter Type	Cartridge	Cartridge
Surface — Diameter (cm2-mm)	7,500 - 245	7,500 - 245
Material—Efficiency (IEC 60335-2-69)	Polyester - M	Polyester - M
Cleaning System	Dustop	Dustop
Discharge System	Roll Out Container	Roll Out Container
Capacity (Litres)	13	13
Dimensions (cm)	40 x 50 x 86H	40 x 50 x 86H
Weight (kg)	25	25



OPTICS



WELDING



ELECTRONICS

Paul Crosbie - Managing Director

