

## ASPIRAFLUSSO 30

Delfin supplies a range of vacuum units specifically designed for the suction and recovery of arc welding flux, with several options in terms of design, power and capacity:

- Fixed unit, made up of a suction unit (3 HP) and separators of different size and capacity, available as a single chassis mounted equipment, or as separate units for easier fitting on the arc welding machine.
- Mobile units, trolley mounted, made up of a suction unit and pre-separator.

### FEATURES

- **The suction is provided by** a suction unit of the side channel blower type, **with** direct coupling **between the fan and the motor shaft and** no transmission system. **It is thus** completely maintenance free, fit for round-the-clock 24 hours duty, very silent **and provides** outstanding suction performances; a safety thermic switch cuts off the motor in case of overheating
- The suction unit is protected by a polyester filter (filtration class L) which prevents the dust from getting into the motor, fit into a steel casing.
- The collection unit is a steel (optional stainless steel) hopper, with a butterfly valve (operated by a manual spring loaded mechanism) to discharge by gravity the recovered flux. Inside the hopper are a rubber coated deflector (to reduce the abrasive effect of the incoming flux) and a sieve grid to separate the bigger particles from the finest flux.
- The suction inlet has a diameter of 40 mm., which can be increased upon request.
- In the chassis mounted version, the suction and collection units are assembled onto a sturdy epoxy coated steel chassis.



### Options:

- Cleaning tools (hoses , nozzles, brushes etc.)
- Special voltages
- Stainless steel AISI304 construction
- Special filters (high temperatures, antistatic)
- Customized design and assembly



## Technical data

Suction unit		<b>ASPIRAFLUSSO 30 3HP</b>
Voltage	Volt HZ	230/400 3 ~ 50 / 60
Depression	mm. H <sub>2</sub> O	3.000
Air flow	M <sup>3</sup> /h	300
Filter surface	Cm <sup>2</sup>	8000
Capacity	LT.	25
Dimensions	cm.	41 x 38 x 90 h
Suction inlet	∅	50
Weight	Kg.	35
Filter cleaning system		Manual
<b>Pre-separator hopper</b>		<b>450 mm.</b>
Capacity	LT.	55
Height	cm.	70
Weight	Kg.	25
Spring loaded discharge through butterfly valve	∅ mm.	80
<b>Assembled (fixed, mounted)</b>	<b>version chassis</b>	<b>3 HP + ∅450</b>
Height	Cm	100
Dimensions	Cm	40 x 85
Weight	Kg	65
<b>Assembled (mobile, mounted)</b>	<b>version chassis</b>	<b>3 HP + ∅450</b>
Height	Cm	120
Dimensions	Cm	40 x 85
Weight	Kg	75