

Protect your
employees and
capture harmful
emissions directly
at the source.



CAPTURING DUST & FUMES DIRECTLY AT THE SOURCE, AT VARIOUS LOCATIONS.

Camfil APC's range of mobile extraction units and static source capture equipment provides a compact, flexible and effective way to clean up your workshop environment. In today's workplace due to changing legislation, stricter control measures are needed for the protection of employees in order to reduce the risk to health associated with airborne dust and fumes generated during the welding and metal working processes.

Manufactured in a metal construction and with a durable powder painted finish our extraction systems are built for the environment in which they are to be used. This build quality combined with utilizing Camfil's cleanable Hemipleat Extreme and optional absolute HEPA filter technology inside provides you with the lifetime and performance you need from this versatile range.



PRODUCT OVERVIEW



Zephyr III HEPA



CAMARM



Welding Table



ZEPHYR III

The mobile extraction system Zephyr III with one filter cartridge and one arm is designed to exhaust and filter dry air borne pollutants especially at welding, grinding, polishing, cutting of metals and plastics.

FEATURES

- ✓ Plug in and you are ready to go
- ✓ Manually activate pulse cleaning
- ✓ 3 stage filtration: metal mesh pre-filter, TK Gold Cone Hemipleat XFR, carbon afterfilter for odours (ozone) where needed
- ✓ Optional HEPA filter housing
- ✓ 1,200 m³/h at capture hood (standard 3 mtr arm)
- ✓ All 1.1Kw 50hz motors but 3 Voltage options, 110 1Ph , 220 1ph, 400 3ph
- ✓ Large wheels with swivels and brakes
- ✓ Strong metal construction (not plastic), durable powder paint finish
- ✓ Roll out dust drawer
- ✓ Quick clamp

ZEPHYR GIANT

The Zephyr Giant is designed for using when a larger air volume is needed for extraction and has the flexibility for 2 points of extraction with 2x 160 diameter arms or for utilising 1 larger 200 diameter arm and larger capture hood.

FEATURES

- ✓ Plug in and you are ready to go
- ✓ Manually activate pulse cleaning
- ✓ 3 stage filtration: metal mesh pre-filter, TK Gold Cone Hemipleat XFR, carbon afterfilter for odours (ozone) where needed
- ✓ Optional HEPA filter housing
- ✓ 2,000 m³/h at capture hood (2 x 160 3 mtr arm or 1 x 200 3 mtr arm)
- ✓ All models with 2.2Kw 50hz motors, two voltage options, 230 volt 1ph or 400 volt 3ph
- ✓ Large wheels with swivels and brakes
- ✓ Strong metal construction (not plastic), durable powder paint finish
- ✓ Roll out dust drawer
- ✓ Quick clamp



CAMARM EXTRACTION ARMS

Our extraction arms are the most versatile, durable and economical method of at-source air pollution capture. Smooth steel tubes, flexible hoses and external joints make the arms easy to work with and keep them in position for required time.

FEATURES

- ✓ 160 mm dia (with 315 mm hood inlet)
- ✓ 200 mm dia (with 350 mm hood inlet)
- ✓ 3 mtr or 4 mtr reach
- ✓ External supports and joint system
- ✓ Lower static pressure & noise levels
- ✓ Simple and stable positioning during operation using grab handles and swivel
- ✓ Minimum internal dust build up
- ✓ Can be ducted into other systems or use dedicated extraction fan connection
- ✓ Options – lighting within hood

CAMARM 160

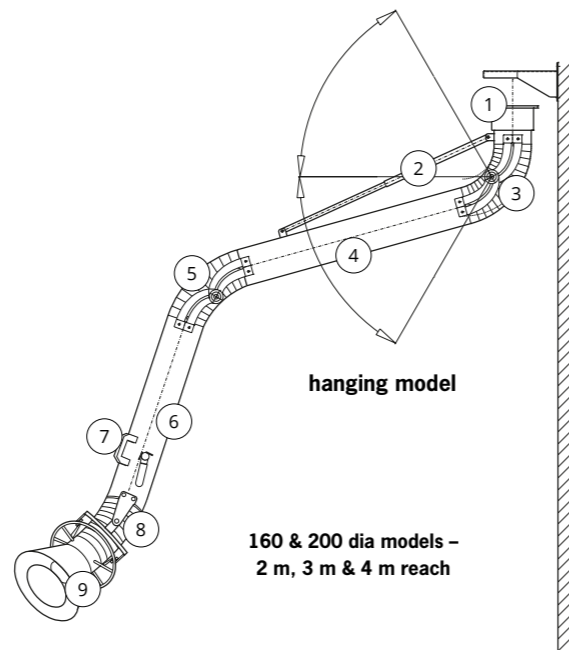
- Airflow range 900 – 1,400 m³/h
- Temperature resistance up to 80°C
- 315 mm hood inlet

CAMARM 200

- Airflow range 1,400 – 2,500 m³/h
- Temperature resistance up to 80°C
- 350 mm hood inlet

CAMARM OVERVIEW

1. Rotating socket mounting with safety stop
2. Support spring in hanging/gas shock in standing
3. & 5. Joints – cast aluminium joints
4. & 6. Hood & socket tube – smooth internal bore – powder coated with damper
7. Tube grab handle
8. 160 mm dia (with 315 mm hood inlet)
9. Aluminium hood with grab handle

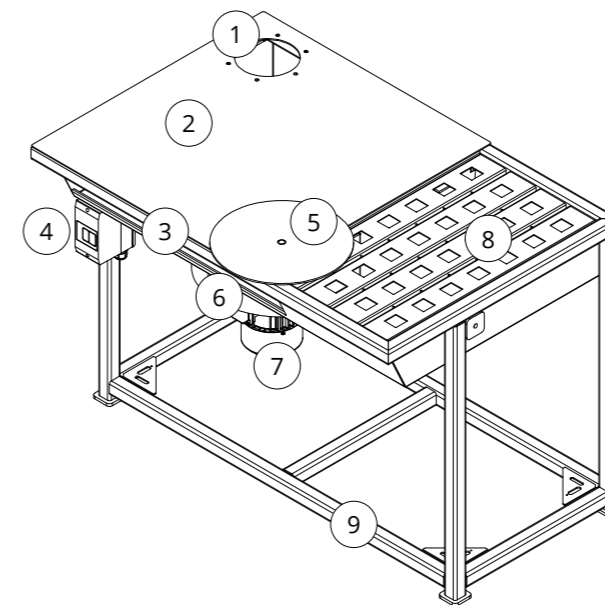


WELDING TABLE S1000

Our welding table is a work station equipped with air pollution capture and exhaust devices which appear with workshop processes (especially during welding).

FEATURES

- ✓ Heavy duty work bench square profile construction powder painted
- ✓ Nominal air volume 1,000 m³/h
- ✓ 1,230 x 844 x 881 mm (w x d x h)
- ✓ 2 exhausts for welding, cutting, grinding
- ✓ Conductive corrosion protection
- ✓ Grounding connections
- ✓ Supplied with duct connection (no fan / no arm)
- ✓ Option: arms CAMARM1620P 160 dia arm x 2 m or CAMARM1630P 160 dia arm x 3 m
- ✓ Option: fan/motor assembly ZWR-03 + Switch_03
- ✓ Option: fixed back & 2 hinged sides
- ✓ Option: 350dia revolving round plate for easy manoeuvring of pieces when working



WELDING TABLE OVERVIEW

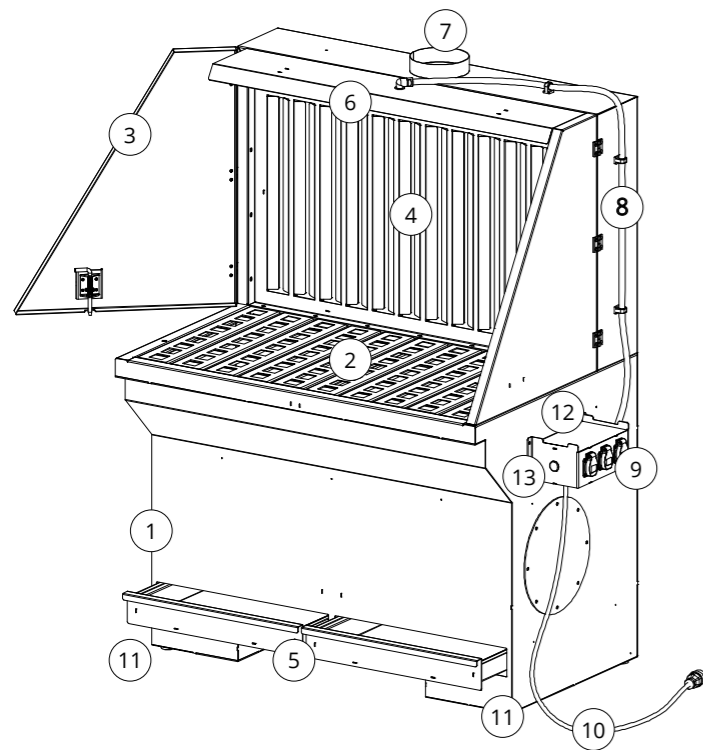
1. Arm Mounting plate (160dia standing arm – Option 2 m or 3 m)
2. Welding Deck
3. Tools shelf
4. Fan/motor power switch_03 (option)
5. 350dia Revolving Plate (option)
6. Damper
7. Fan Unit (option)
8. Lower Exhaust Grate
9. S1000 Frame

GRINDING BENCH GM1500LS

The Camfil grinding bench provides excellent containment of sparks and metal particles within this micro environment protecting the operator and the workplace. The system reduce housekeeping requirements and is designed to be able to be connected and integrated within your central extraction system or can be used with a dedicated extract fan and duct to atmosphere where permitted. With the integrated baffle plate rear extraction combined with the downdraft exhaust ensures good airflow over work area, heavier particles drop into the collection drawers while the lighter particles are carried through the connected duct system.

FEATURES

- ✓ Heavy duty work grinding bench
- ✓ Backdraft and downdraft exhausts
- ✓ Supplied with duct connection (no fan)
- ✓ Nominal airflow 1,500 m³/h
- ✓ LED lighting
- ✓ Power sockets

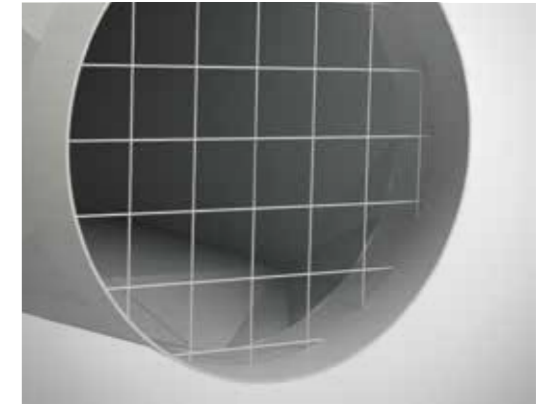


GRINDING BENCH OVERVIEW

1. Base of grinding bench
2. Top with grate and extraction
3. Side walls
4. Rear wall with extraction
5. Drawers for dust collection
6. LED Lighting
7. Outlet (to duct connection)
8. LED lighting power connection
9. Electrical Sockets
10. Power cables
11. Feet (adjustable for levelling)
12. Tool shelf
13. LED lighting switch

ZWR EXTRACTION FANS

Our fans have been designed to work with our source capture devices as well as with clean or polluted air extraction installations. They are built up with aluminium impellers in steel housings.



FEATURES

- ✓ ZWR Fans are designed to work with Camfil's range of source capture equipment
- ✓ Aluminium impellers enclosed in steel powder coated housings
- ✓ High airflow efficiency
- ✓ Spark proof design
- ✓ To exhaust non-explosive dust & fume up to 40° C

CENTRALIZED EXTRACTION SYSTEMS

The extraction arms, tables and benches can be combined in a larger centralised system using our Quantum Series or Gold Series X-Flo units at the heart.



Please find our complete range of dust, fume and mist collectors on camfilapc.com/eu

YOUR PARTNER FOR GLOBAL SOURCING

Camfil APC is a leading supplier of industrial exhaust air purification and part of the Camfil Group, the world market leader in air filters and air purification systems, with over 4,500 employees worldwide and more than 50 years of experience. With our comprehensive product portfolio and global service and delivery options, we offer absolute customer proximity and individual solution proposals for use in almost all production areas.



TRUST THE EXPERT!



Our engineers and employees are absolute professionals with many years of experience in the development, production and technical support of air pollution control systems of all sizes. From a simple filter system to complex turnkey solutions, from the initial design of the plant to the final completion – we are looking forward to your inquiry!



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