



SHADOW LAB

TECHNOLOGIES



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BUILT FOR YOUR PROJECT

AVAILABLE FOR HIRE

Industrial booths and rooms
for finishing, moulding and painting,
complete container units
and custom workspaces.
Designed and built by Shadow Lab.
All available for hire.



BEAST

PAINT & SPRAY BOOTH



Clean
Environment



Efficient
Extraction

EX

Explosion
Proof



Sustainable
Operation

TECHNICAL SPECIFICATIONS

Internal Dimensions (W×D×H):	5 x 6 x 2,5 m
External Dimensions (W×D×H):	5 x 7,5 x 2,5 m
Door Opening:	232x230 cm
Airflow Capacity:	6 000- 16 000 m ³ /h
Exhaust Fan:	6 kW
Heating Capacity:	52 kW
Current Draw, Summer / Winter:	3x32 A / 3x90 A
Air Conditioning:	2 x 16 kW
Filtration System:	Multi-Stage
Lights:	Dimmable LED, 12 Ceiling + 6 Side Lights
Lighting Power / Light Output:	2 040 W / 204 000 lm
Colour Temperature:	Adjustable, 3000 - 6500 K
Extraction:	Floor-Level Extraction

OPTIONAL ACCESSORIES:

See the accessories section on the back page.





PAINTING

PAINT & SPRAY BOOTH



Clean
Environment



Efficient
Extraction

EX

Explosion
Proof



Sustainable
Operation

TECHNICAL SPECIFICATIONS

Internal Dimensions (W×D×H):	5 x 6 x 2,5 m
External Dimensions (W×D×H):	5 x 7,5 x 2,5 m
Door Opening:	232x230 cm
Airflow Capacity:	6 000- 16 000 m ³ /h
Exhaust Fan:	3 kW
Heating Capacity:	34 kW
Current Draw, Summer / Winter:	3x32 A / 3x63 A
Air Conditioning:	16 kW
Filtration System:	Multi-Stage
Lights:	Dimmable LED, 12 Ceiling + 6 Side Lights
Lighting Power / Light Output:	2 040W / 204 000 lm
Colour Temperature:	Adjustable, 3000 - 6500 K
Extraction:	Side-wall extraction
Windows	UV-protected, 8 pcs

OPTIONAL ACCESSORIES:

See the accessories section on the back page.



MOULDING

MOULDING ROOM



Clean
Environment



Efficient
Extraction

EX

Explosion
Proof



Sustainable
Operation

TECHNICAL SPECIFICATIONS

Internal Dimensions (W×D×H):	5 x 6 x 2,5 m
External Dimensions (W×D×H):	5 x 7,5 x 2,5 m
Door Opening:	232x230 cm
Airflow Capacity:	6 000- 10 000 m ³ /h
Exhaust Fan:	3 kW
Heating Capacity:	34 kW
Current Draw, Summer / Winter:	3x32 A / 3x63 A
Air Conditioning:	16 kW
Filtration System:	Multi-Stage
Lights:	Dimmable LED, 12 Ceiling + 6 Side Lights
Lighting Power / Light Output:	2 040W / 204 000 lm
Colour Temperature:	Adjustable, 3000 - 6500 K
Extraction:	Side Wall
Windows	UV Protected, 8 pcs

OPTIONAL ACCESSORIES:

See the accessories section on the back page.





DYE

STANDARD DYEING ROOM



Clean
Environment



Efficient
Extraction

EX

Explosion
Proof



Sustainable
Operation

TECHNICAL SPECIFICATIONS

Internal Dimensions (W×D×H):	5 x 6 x 2,5 m
External Dimensions (W×D×H):	5 x 7,5 x 2,5 m
Door Opening:	232x230 cm
Airflow Capacity:	6 000- 10 000 m ³ /h
Exhaust Fan:	3 kW
Heating Capacity:	34 kW
Current Draw, Summer / Winter:	3x32 A / 3x63 A
Air Conditioning:	16 kW
Filtration System:	Multi-Stage
Lights:	LED
Lighting Power / Light Output:	500W / 60 000 lm
Colour Temperature:	4 000 K
Extraction:	Extraction canopy above the vats
Water System	200 L boiler + 18 kW water preheating; continuous supply of water at a minimum of 60 °C, or 200 L of water at 90 °C is available.

OPTIONAL ACCESSORIES:

See the accessories section on the back page.



DYE XXL

TRIPLE DYE ROOM



Clean
Environment



Efficient
Extraction

EX

Explosion
Proof



Sustainable
Operation

TECHNICAL SPECIFICATIONS

Internal Dimensions (W×D×H):	7,5 x 6 x 2,5 m
External Dimensions (W×D×H):	7,5 x 7,5 x 2,5 m
Door Opening:	232x230 cm
Airflow Capacity:	6 000- 10 000 m ³ /h
Exhaust Fan:	3 kW
Heating Capacity:	34 kW
Current Draw, Summer / Winter:	3x32 A / 3x63 A
Air Conditioning:	16 kW
Filtration System:	Multi-Stage
Lights:	LED
Lighting Power / Light Output:	500W / 60 000 lm
Colour Temperature:	4 000 K
Extraction:	Extraction canopy above the vats
Windows	UV Protected, 8 pcs
Water System	200 L boiler + 18 kW water preheating; continuous supply of water at a minimum of 60 °C, or 200 L of water at 90 °C is available.

OPTIONAL ACCESSORIES:

See the accessories section on the back page.



SHADOW LAB

TECHNOLOGIES



DRY

DRYING ROOM



Clean
Environment



Efficient
Extraction

EX

Explosion
Proof



Sustainable
Operation

TECHNICAL SPECIFICATIONS

Internal Dimensions (W×D×H):	2,5 x 6 x 2,5 m
Door Opening:	90 x 230 cm or 180 x 230 cm
Exhaust Fan:	1 kW
Heating Capacity:	18 / 36 kW
Windows	UV Protected, 8 pcs
Current Draw, Summer / Winter:	3x32 A / 3x63 A
IP	IP67
Temperature control	Thermostat-controlled, 20–80 °C
Timer	Adjustable automatic night-time shut-off

KEY BENEFITS

- Fast and even drying
- Mobile setup, ready for immediate use
- Integrated ventilation system
- Electric heating
- Slip-resistant, washable flooring

OPTIONAL ACCESSORIES:

See the accessories section on the back page.





SOLAR

OFF-GRID MOBILE OFFICE

The “Mobile Office” is a fully equipped, self-sufficient mobile office designed for locations where conventional infrastructure is unavailable or only partially accessible.

KEY BENEFITS

- Fully self-sufficient power supply
- Roof-integrated solar power system
- 16 kWh battery energy storage
- Inverter air conditioning with heating and cooling
- Diesel heating
- LED lighting
- 230 V electrical system
- Quick installation
- Ready for immediate use
- Equipped with a washroom
- Backup generator

TECHNICAL SPECIFICATIONS

Internal dimensions (W × D × H):	7,5 x 5 x 2,5 m
Solar system:	10 kWh
Air conditioning:	Inverter heating and cooling
Power supply:	Off-grid and grid-connected operation
Battery capacity:	16 kWh
Lighting:	LED
Heating:	5kW diesel heater

SHADOW LAB

TECHNOLOGIES



CUSTOM

CUSTOM-MADE, MAXIMUM FLEXIBILITY

Tailor-made modular solutions built around your process, space and workflow. From compact enclosures to large-scale facilities, we design and deliver custom timber-frame modules for a wide range of industrial and production needs.



MODULAR FRAME STRUCTURE
Robust timber construction
with industrial detailing



CUSTOM ACCESS SOLUTIONS
Roll-up doors, hinged doors
or open-fronted layouts



VENTILATION & LIGHTING
Clean, efficient and fully
customisable

TYPICAL APPLICATIONS

Mobile workshop
Spray booth / paint enclosure
Drying room / curing area
Preparation and assembly area
Film and event production support

KEY FEATURES

Modular timber frame construction
Custom dimensions and layouts
Fast and efficient assembly
Integrated ventilation and lighting
Electrical preparation and distribution

TECHNICAL OPTIONS

MODULE SIZES	Fully custom (L × W × H)
FRAME	Timber (engineered, industrial grade)
WALL CLADDING	Polycarbonate, panel, canvas, etc.
VENTILATION	Optional (extract, supply, filtered)
ELECTRICAL	Optional (lighting, sockets, distribution)
ASSEMBLY	Modular, fast on-site assembly

OPTIONAL ADD-ONS

Ventilation and filtration systems
Heating and climate control
Workbenches, racks and storage
Custom doors, windows and access

SHADOW LAB

TECHNOLOGIES



FILTERS

CLEAN AIR, HEALTHY WORK ENVIRONMENT

Professional extraction and ventilation systems for painting and surface-preparation processes, supporting safe working conditions. Systems and equipment can be combined as required to suit any task.



EXTRACTION HOODS

Available in various sizes
Custom sizes also available



INDUSTRIAL FANS

Inline duct fans
Axial fans
Centrifugal fans



EXTRACTION WALLS

Replaceable filter cartridges
Activated-carbon filters
Dust filters



AIR FILTERS

Activated-carbon
filter cartridges
Dust-filter cartridges



DUCT FITTINGS

Couplings
Flexible ducts
Semi-rigid and rigid ducts



AIR-CONTROL DEVICES

Manual dampers
Motorised dampers
Deflectors and air diffusers

SHADOW LAB

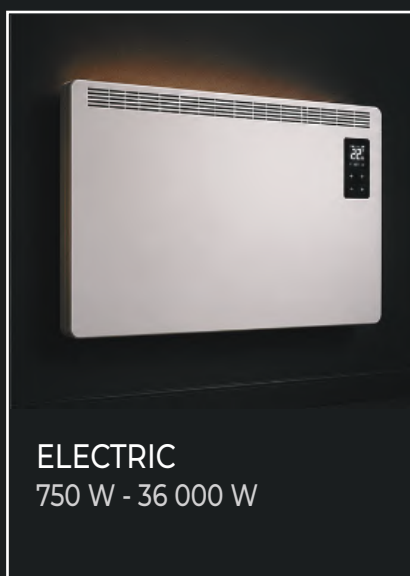
TECHNOLOGIES



HEATING

RELIABLE TEMPERATURE CONTROL FOR INDUSTRIAL WORKSPACES

Maintaining the right temperature is essential for efficient, productive work. Proper climate control creates ideal conditions for storing and processing materials while helping workers stay comfortable. This supports greater efficiency, consistent work quality and a safe working environment.



TECHNICAL SPECIFICATIONS

Specification	ELECTRIC	DIESEL-POWERED	HEATING & COOLING
Heating capacity	Up to 36 kW	Up to 160 kW	Up to 45 kW
Cooling capacity	-	-	Up to 14 kW
Power supply	400 V / 50 Hz	230 V / 50 Hz	400 V / 50 Hz
Fuel consumption	-	~ 10.6 L/h	-

Example values; specifications depend on the selected model.



COOLING

HIGH-PERFORMANCE INDUSTRIAL COOLING

A professional industrial cooling and heating system with high airflow, delivering reliable performance even under demanding conditions. Optimised for continuous operation, it provides a long service life, stable performance and outstanding efficiency.



TECHNICAL SPECIFICATIONS

Specification	SEVEN K	OPTIMAL 14K	DUCT 30	45 KW
Cooling capacity	7,1 kW	14 kW	30 kW	45 kW
Airflow	1 500 m ³ /h	2 340 m ³ /h	6 000 m ³ /h	12 600 m ³ /h
Power input	2 kW	4 kW	9 kW	13 kW
Power supply	400 V / 50 Hz			
Refrigerant	R410A	R410A	R32	R32
Noise level	41 db(A)	48 db(A)	54 db(A)	65 db(A)
Dimensions (W × D × H)	140x70x30 cm	140x70x30 cm	133x89,5x50 cm	169x93x76 cm
Weight	46 kg	46 kg	92,5 kg	214 kg



FANS

HIGH PERFORMANCE FANS, FOR INDUSTRIAL BUILDINGS VENTILATION

Professional industrial ventilation systems with high airflow deliver reliable performance even under demanding conditions. Designed for continuous operation and a long service life.



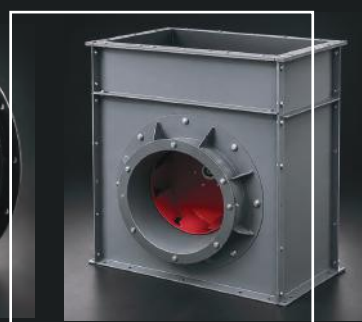
AERION AX
550 W



NOCTIS EC
650 W



OBSIDIAN AX
800 W



TITAN CF
1200 W

TECHNICAL SPECIFICATIONS

Specification	AERION AX	NOCTIS EC	OBSIDIAN AX	TITAN CF
Airflow	3000 m ³ /h	4000 m ³ /h	5500 m ³ /h	7000 m ³ /h
Power input	550 W	650 W	800 W	1200 W
Power supply		400 V / 50 Hz		
Noise level	66 db(A)	70 db(A)	76 db(A)	89 db(A)
Weight	20 kg	30 kg	38 kg	90 kg

SHADOW LAB

TECHNOLOGIES



CHARGERS

HIGH PERFORMANCE, FAST CHARGING

The 11 kW AC charger is suited to workplace and commercial car parks, while the 22, 50 and 125 kW DC units support faster charging during shorter stops. The range of power levels allows the charging solution to be matched to the vehicles, expected usage and available grid capacity.



TECHNICAL SPECIFICATIONS

Specification	T11	T22	T50	T125
Power	11 kW	22 kW	50 kW	125 kW
Charging type, AC/DC	AC	DC	DC	DC
Supply voltage		400 V / 50 Hz		
IP rating	IP66	IP66	IP54	IP54
Maximum output current	16 A	32 A	120 A	200 A
Weight	6 kg	8 kg	62 kg	280 kg



ACCESSORIES

OPTIONAL EQUIPMENT FOR YOUR WORKSPACE

A versatile range of additional equipment designed to support safe, efficient and reliable operation. From heating and circulation to handling and workspace solutions, these accessories help adapt each setup to specific production needs.



BURNER STAND
LPG / electric



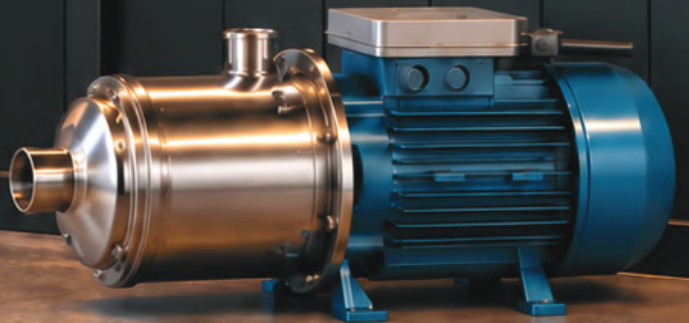
STAINLESS-STEEL VAT
100-300 L



GAS CYLINDER HEATER
using heat from extracted air

PRODUCT LIST

Item	Specification
Gas burner stand	Available in several sizes
Electric burner stand	Available in several sizes
Stainless-steel vat	100-300 L
Gas cylinder heater	Capacity: 1-3 cylinders
Additional heating	Infrared panels, diesel heaters
Industrial tub	Available in several sizes
Hot-water tank	150-200 L
Washing sink	One or two basins
Loading ramp	Choice of widths



HOT WATER

HOT-WATER EQUIPMENT STORAGE, ON-DEMAND HEATING, CIRCULATION

A compact hot-water solution for custom container units and workspaces. Stored capacity supports repeated demand; an instantaneous heater supplies hot water when required; a circulation pump moves heated water through the connected installation. Each component is selected for the site and its intended use.



PRODUCT LIST

Item	Specification
Hot-water tank	100-200 L
Instantaneous water heater	Output selected per project
Hot-water pump	110 °C; 80 L/min; pH range: 6.5–8.5

Modular workshops, wash stations and process areas where reliable hot-water availability matters. Tank size, heater output and pump duty are configured to the required flow and service connections.

CONTACT

REQUEST A HIRE QUOTATION

Tell us what the workspace needs to do. We design and build industrial booths, complete container units and custom workspaces - all available for hire.

FOR AN ACCURATE QUOTATION

- 01 APPLICATION & PROCESS
What the space needs to support.
- 02 SIZE & LAYOUT
Approximate dimensions and site constraints.
- 03 LOCATION & HIRE PERIOD
Where it will be used and the dates required.
- 04 EQUIPMENT & UTILITIES
Ventilation, heating, lighting, power and other needs.

GET IN TOUCH

Email your brief or call to discuss your requirements.

Email:

Mobil:



THANK YOU FOR YOUR INTEREST

WE LOOK FORWARD
TO HEARING ABOUT YOUR PROJECT.



DESIGNED AND BUILT AROUND YOUR WORK.

Industrial booths. Complete container units.
Custom workspaces. All available for hire.

[ENQUIRIES & QUOTATIONS](#) / [SEE CONTACT PAGE](#)

