

[CATALOGUE 2026]

INDUSTRIAL & AUTOMOTIVE PAINTING EQUIPMENT
PERFORMANCE. DURABILITY. INNOVATION

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INTRO]

Who Are We?

MAT INDUS is a French company specialized in the sale of paint booths for the automotive and industrial sectors. Backed by an experienced team, our company has established itself as a trusted industry partner by combining technical expertise, customer proximity, high-quality solutions, and innovation.

Our Approach

At MAT INDUS, we believe that a successful installation starts with a deep understanding of each client's specific needs.

That is why we provide fully customized turnkey solutions designed to adapt to the constraints and objectives of your business.

Our Areas of Expertise

Energy Efficiency Solutions & Consulting

We support professionals in optimizing their industrial equipment by offering solutions that reduce energy consumption while maintaining optimal performance.

Complete Service Offering

- Sales: paint booths tailored to your industrial requirements
- Installation: professional setup carried out by our technical teams
- Compliance inspections & maintenance: rigorous monitoring to ensure safety and performance through our certified partners

Our Working Method

Every project begins with a detailed assessment of your specific requirements:

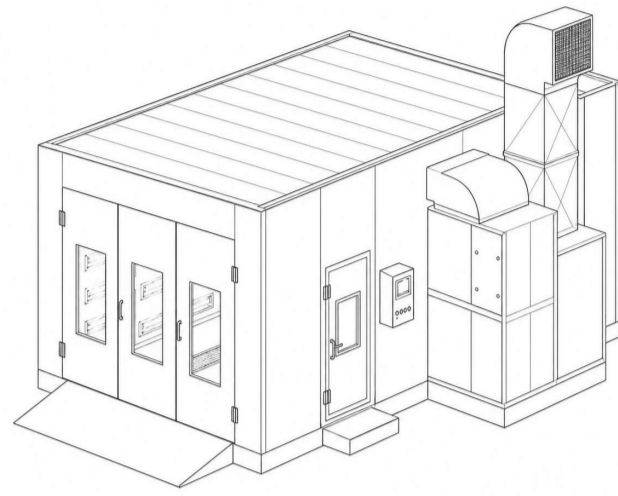
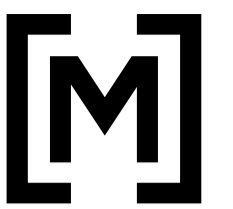
- Available workspace
- Production volume
- Regulatory constraints
- Performance objectives

This analysis allows us to provide a clear and transparent quotation, ensuring a solution perfectly adapted to your operational environment.

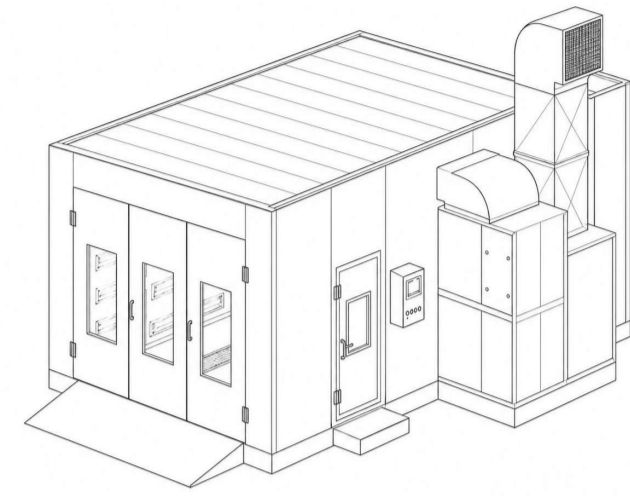
Our Commitment

MAT INDUS is committed to offering more than just equipment: we provide a long-term partnership built on listening, technical expertise, and dedicated support at every stage of your project.

ENDOTHERMIC BOOTH VS GAS BOOTH]



MI-E BOOTH
ENDOTHERMIC PANELS



MI-FG BOOTH
COMBUSTION TECHNOLOGY

Technology	Endothermic panels	Combustion heating (gas or fuel oil)
Energy source	Electricity only	Natural gas / fuel oil + electricity
Heat-up time	5 to 10 minutes	15 to 20 minutes
Temperature rise	Fast and direct	Gradual
Thermal homogeneity	Very high, stable temperature	Varies with burner and airflow
Energy consumed per cycle	≈ 52 kWh	≈ 272 kWh
Energy consumption	Low	High
Efficiency	≈ 95%	≈ 70 - 85%
Energy losses	Near zero	Flue gas and combustion
CO ₂ emissions per cycle	≈ 7.8 kg	≈ 52.87 kg
Environmental impact	Zero direct emissions	CO ₂ , NO _x , particulate emissions
Annual operating cost	≈ €10,450	≈ €19,700
Maintenance	Low (no burner)	High (burner + controls)
Installation	Simple	Complex (gas + flue exhaust)
Regulatory constraints	Low	High
Energy dependency	Electricity (stable)	Gas (volatile prices)
Purchase cost	Higher (+10 to +25%)	Lower
Market maturity	Rapidly growing	Established technology

WHY CHOOSE THE ENDOTHERMIC BOOTH IN 3 KEY POINTS

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SAVINGS €9,250/YEAR
AVERAGE ROI 13 MONTHS

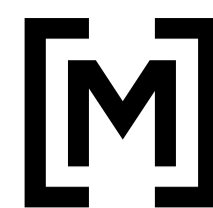
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MORE CYCLES / DAY
REDUCED MAINTENANCE

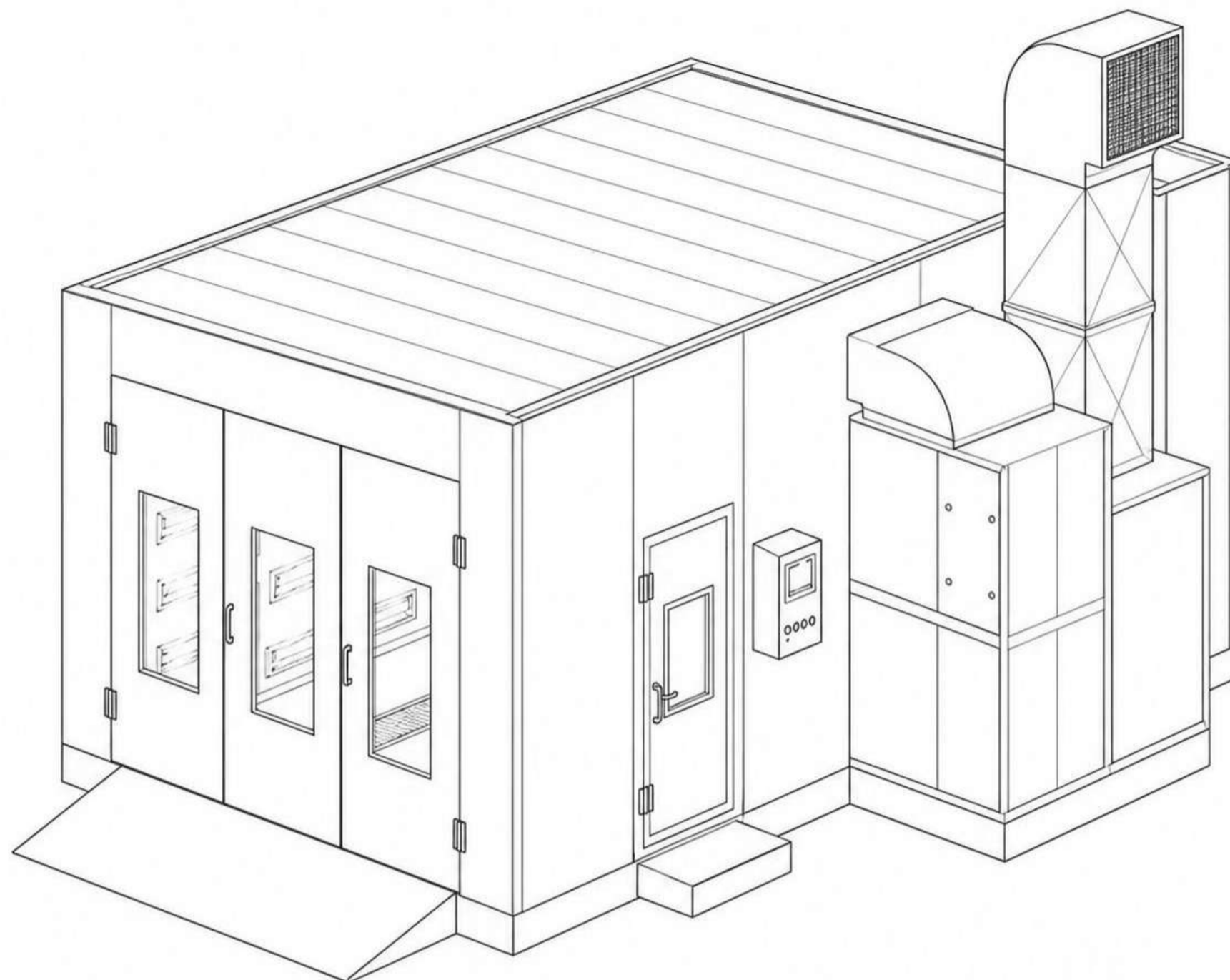
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49 TONNES OF CO₂
LESS PER YEAR

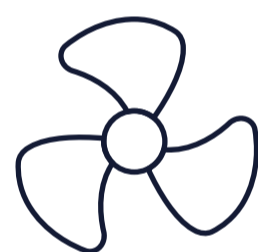
ENDOTHERMIC PAINT BOOTH]



**HEAT FASTER.
CONSUME LESS.
PRODUCE BETTER.**



CABINE MI-E



Energy Performance

Efficiency = 95%
Reduced consumption
Up to 50% less than a Gas booth
External air extraction

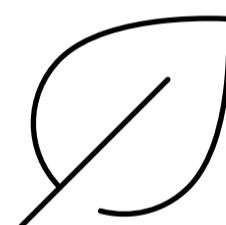
**Energy Savings
Fast ROI**



Fast temperature rise

Heating time: 5-10 minutes
Shorter cycles
Better productivity
Labyrinth filtration
Homogeneous temperature

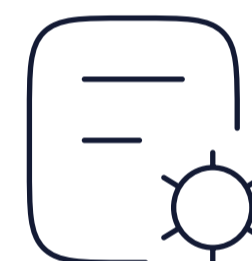
**More cycles, more
productivity**



Zero combustion Less emissions

No combustion
No fumes
CO2 emission reductions
Simplified maintenance

**Clean environment
Protected operators**



Reduced Maintenance

No burner
No gas network
Fewer wear parts
Assisted deployment

**Less downtime,
Lower costs**

Applications

Industrial bodywork
Railway maintenance
Heavy industry
Metal construction
Painting of large parts

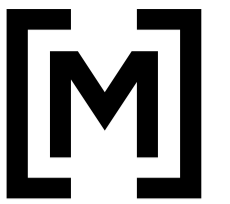
In summary

TECHNOLOGY 100% ELECTRIC
FAST AND UNIFORM HEATING
REDUCED ENERGY CONSUMPTION
OPTIMISED PROFITABILITY

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**HEAT FASTER. CONSUME
LESS. PRODUCE BETTER.**

ENDOTHERMIC PAINT BOOTH TECHNICAL DATASHEET



TECHNOLOGY

100% electric heating, no combustion
Integrated endothermic panels
Even heat distribution

THERMAL PERFORMANCE

Efficiency \approx 95%
Even temperature, no cold spots
Direct surface heating

PRODUCTION CYCLE

Fast ramp-up \rightarrow more cycles/day
Reduced drying time
Optimized process

VENTILATION & FILTRATION

Controlled horizontal airflow
Controlled negative pressure
Effective overspray capture

ENERGY USE

Typical consumption: \approx 52 kWh/cycle

ENVIRONMENTAL IMPACT

Up to 49 tonnes CO₂/year reduction

OPERATING COSTS

Up to €9,250 savings/year

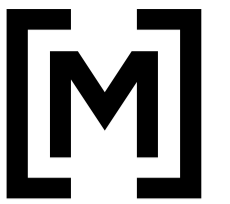
SAFETY

No combustion \rightarrow reduced risks
No gas \rightarrow simplified installation

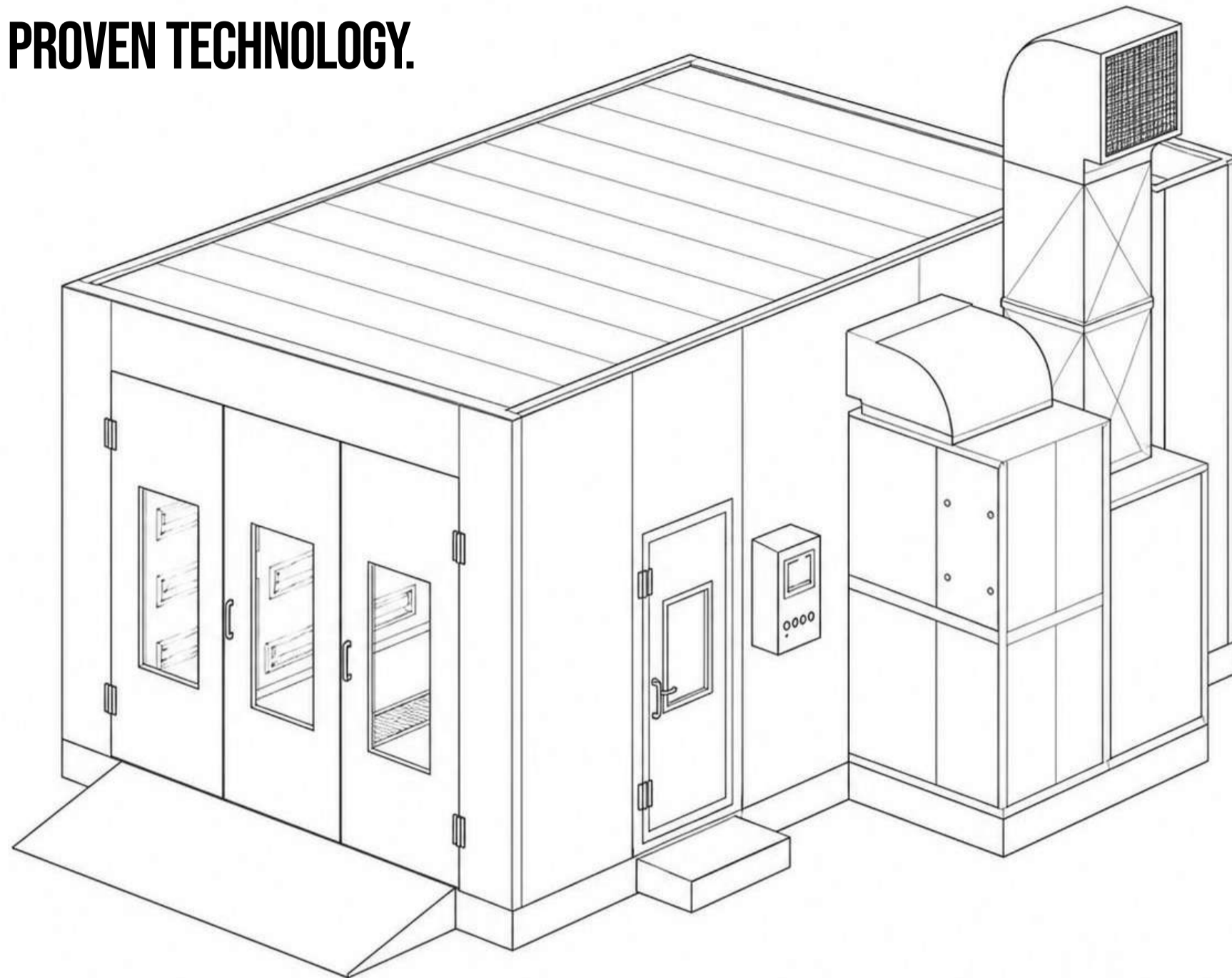
MODEL: MI-E 6900 x 4000 x 2850

Dimensions	Ext.: 7,100 x 4,000 x H 3,400 mm Int.: 6,900 x 4,000 x H 2,800 mm
Access	Front: 3-leaf - 3,000 x 2,600 mm Side: 800 x 2,000 mm - overpressure relief
Walls / Structure	50 mm sandwich - EPS 50 kg/m ³ - tongue-and-groove assembly
Roof	Insulated plenum, reduced heat loss
Glazing	Laminated glass, double glazing, enhanced insulation
Ventilation - Supply	32,000 m ³ /h - 11 kW - 0.3 m/s - ~72 dB
Ventilation - Extraction	32,000 m ³ /h - 11 kW - floor extraction
Filtration	Ceiling: 99.8% - 120°C - self-extinguishing F1 EU5 prefilter - Floor EU3 Paint-Stop
Lighting	LED > 1,000 lux - 1,296 W (sloped ceiling + walls)
Endothermic system	10 panels - 30 kW total 5 x 2 kW (2380 x 490 x 39 mm) - 5 x 4 kW (2380 x 890 x 39 mm)
System benefits	Instant heating, no combustion, low maintenance, fire safety
Operating phases	Painting: active ventilation, ceiling-to-floor filtration Drying: ventilation off, panels only
Floor / Infrastructure	300 mm base, galvanized, 650 kg/wheel load, grilles + anti-slip plates
Control panel	Ventilation start, phase selection, programming, lighting, alarms, emergency stop
Power supply	380 V - 50 Hz - Three-phase + N + E - booth power 52 kW
Standards	CE, ISO 9001, 2006/42/EC, 2014/30/EU, 2014/35/EU, RoHS II, EN 12100, EN 60204-1, INRS ED839
Documentation provided	User manual, programming guide, electrical diagrams, warranty
Key benefits	Gas-free, fast drying, low noise, energy savings, maximum safety, eco-friendly

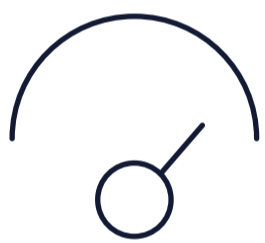
GAS PAINT BOOTH]



THERMAL PERFORMANCE. PROVEN TECHNOLOGY.



MI-FG BOOTH



Energy performance

Heating by gas or fuel oil burner
Efficiency: 70 to 85%
Heat diffusion via airflow

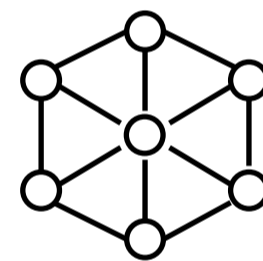
**Energy mix: Elec. + Gas
or Elec. + Fuel oil**



Fast temperature rise

Heat-up time: 10-20 minutes
Temperature tuned to paint/drying cycles

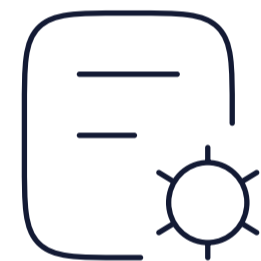
**Proven solution for
industrial throughput**



Mastered technology

Combustion heating
Proven system
Compatible with existing installations

**A high-performance,
certified technology**



A true production lever

Suited to heavy production loads
Long-duration operation
Constant power
Ideal for large facilities

**Ideal for uninterrupted
production**

Applications

Industrial bodywork
Rail maintenance
Heavy industry
Metal construction
Painting of large parts

Summary

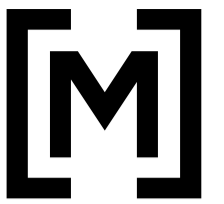
Proven technology
High thermal power
Suited to large facilities
Continuous operation
Robust industrial solution

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**THERMAL PERFORMANCE.
PROVEN TECHNOLOGY.**

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GAS PAINT BOOTH TECHNICAL DATASHEET



TECHNOLOGY

Combustion heating (gas/fuel oil)
High-power industrial burner
Heat diffusion via hot air

THERMAL PERFORMANCE

Gradual temperature rise
Good heating power
Suited to large volumes

PRODUCTION CYCLE

Standard industrial process
Heat-up time > electric
Dependent on thermal inertia

VENTILATION & FILTRATION

Controlled airflow
Mandatory flue exhaust
High-efficiency filtration

ENERGY USE

Efficiency: 70 to 85%
High consumption
Reliance on fossil fuels

ENVIRONMENTAL IMPACT

CO₂, NO_x and particulate emissions
Flue gas treatment required

OPERATING COSTS

High energy cost
Burner maintenance + controls

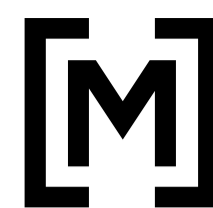
SAFETY

Combustion-related risks
ATEX compliance

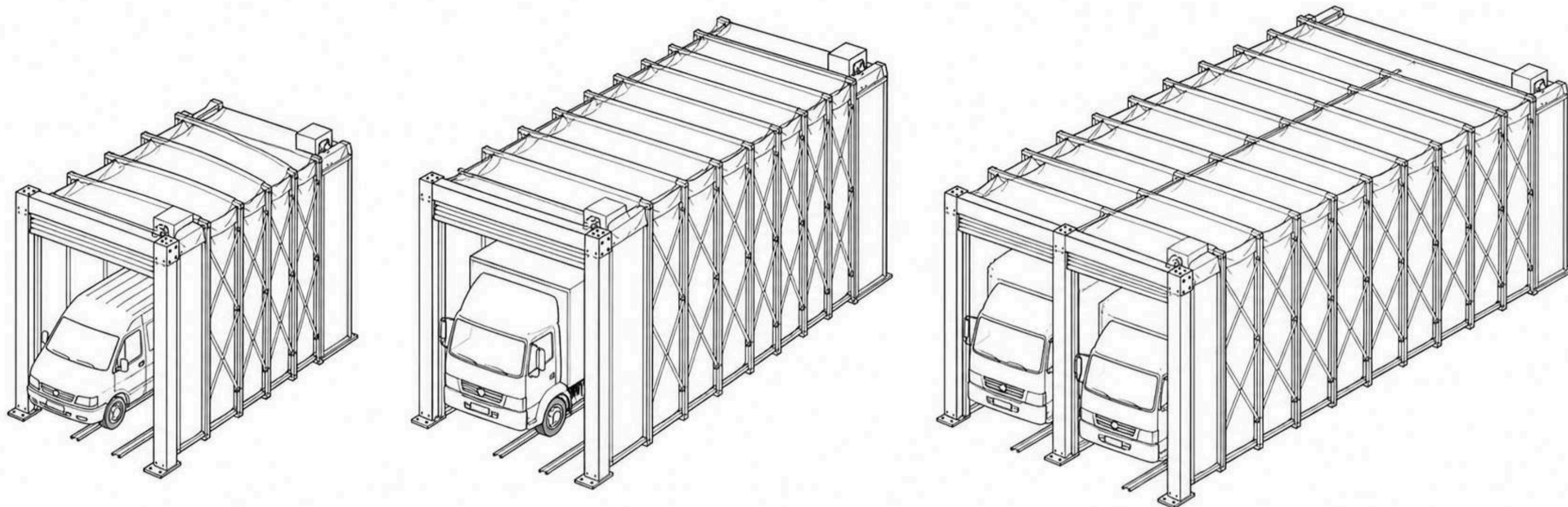
MODEL: MI-FG 6900*4000*2850"

Dimensions	Int.: 7,000 × 4,000 × 2,650 mm Ext.: 7,106 × 6,956 × 3,450 mm
Booth structure	50 mm panels - 0.4 mm steel - rock wool Static pressure chamber: 500 mm Roof: 0.8 mm galvanized sheet
Ventilation	Top supply / bottom extraction (full downdraft) Ventilated platform 300 mm
Main doors	3 folding leaves - 0.8 mm galvanized steel 50 mm thickness - rock wool Window: 550 × 1,800 mm - Opening: 3,000 × 2,900 mm
Safety door	Aluminum frame + tempered glass Overpressure relief - 800 × 2,000 mm
Platform	Height 300 mm - Steel grille 30 × 4 mm 600 kg/wheel load - Built-in airbag for ramp access
Supply - Air supply	Double-inlet centrifugal fan Flow: 16,000 m ³ /h × 2 = 32,000 m ³ /h - Pressure: 600 Pa Motors: 2 × 5.5 kW (belt) - Noise: ≤ 85 dB
Extraction - Exhaust	Double-inlet centrifugal fan Flow: 32,000 m ³ /h - Pressure: 800 Pa Motor: 15 kW (belt) - Noise: ≤ 85 dB
Lighting	Top: 32 LED tubes 18 W - Bottom: 18 LED tubes 18 W 5 mm tempered glass - Illuminance ≥ 800 lux Total power: 900 W
Filtration	G3 prefilter (≥ 10 µm) - F5 ceiling filter (≥ 5 µm) Fiberglass floor filter - Air treatment: activated carbon
Air ducts	0.8 mm galvanized sheet 4 straight sections + 1 90° elbow + 1 45° elbow
Heating	Method: gas + SUS304 stainless steel exchanger (1.5 mm) Riello RS5 burner - 260,000 kcal/h - Rise +20°C
Electrical control	PLC + touchscreen - Schneider components Functions: paint, hot paint, baking, lighting, alarms, emergency stop, timer, motor protections, interlocks
Specifics	Automatic flow reduction when not spraying
Power supply	380 V - 50 Hz - Three-phase Max temperature: 60°C - Idle airspeed ≥ 0.3 m/s Total power: 28 kW

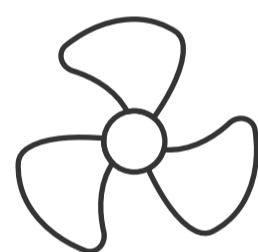
RETRACTABLE PAINT BOOTH]



**MAXIMUM FLEXIBILITY.
INDUSTRIAL PERFORMANCE.**



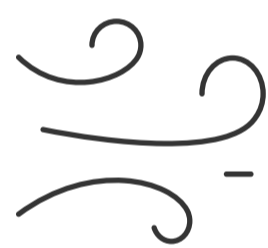
MI-CR BOOTH



High-Performance Ventilation

Air flow rate: 55,000 m³/h
Air velocity: 0.50 m³/h
Controlled negative pressure
External extraction

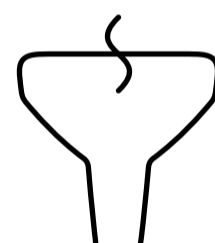
Clean Air, Consistent Results



Optimized Airflow

Front air intake
Homogeneous flow
Direct rear capture
Labyrinth filtration

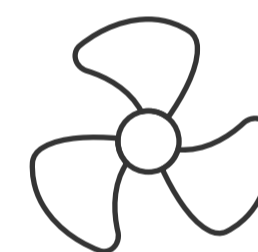
Consistent paint quality



High-Capacity Filtration

Dry filtration
Labyrinth filters
Particle capture
Simplified maintenance

Less clogging, more performance



Integrated safety and reliability

ATEX lighting
Schneider Electric cabinet
Secured controls
Assisted deployment

Simple and reliable operation

Applications

Industrial bodywork
Railway maintenance
Heavy industry
Metal construction
Painting of large parts

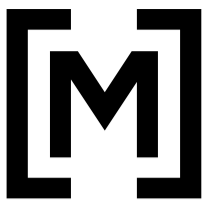
In summary

Flexible and retractable booth
Ultra-high-performance ventilation
Optimal finish quality
Space saving and productivity
Robust and durable solution

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MAXIMUM FLEXIBILITY AND INDUSTRIAL PERFORMANCE.

RETRACTABLE PAINT BOOTH TECHNICAL DATASHEET



TECHNOLOGY

Mobile retractable booth on rails
On-demand deployment
Fully frees the workspace

PRODUCTION CYCLE

Standard industrial process
Dependent on thermal inertia

VENTILATION & FILTRATION

Controlled airflow
High-efficiency filtration

ENVIRONMENTAL IMPACT

No burner

OPERATING COSTS

Reduced maintenance

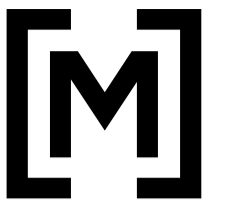
SAFETY

Combustion-related risks
ATEX compliance

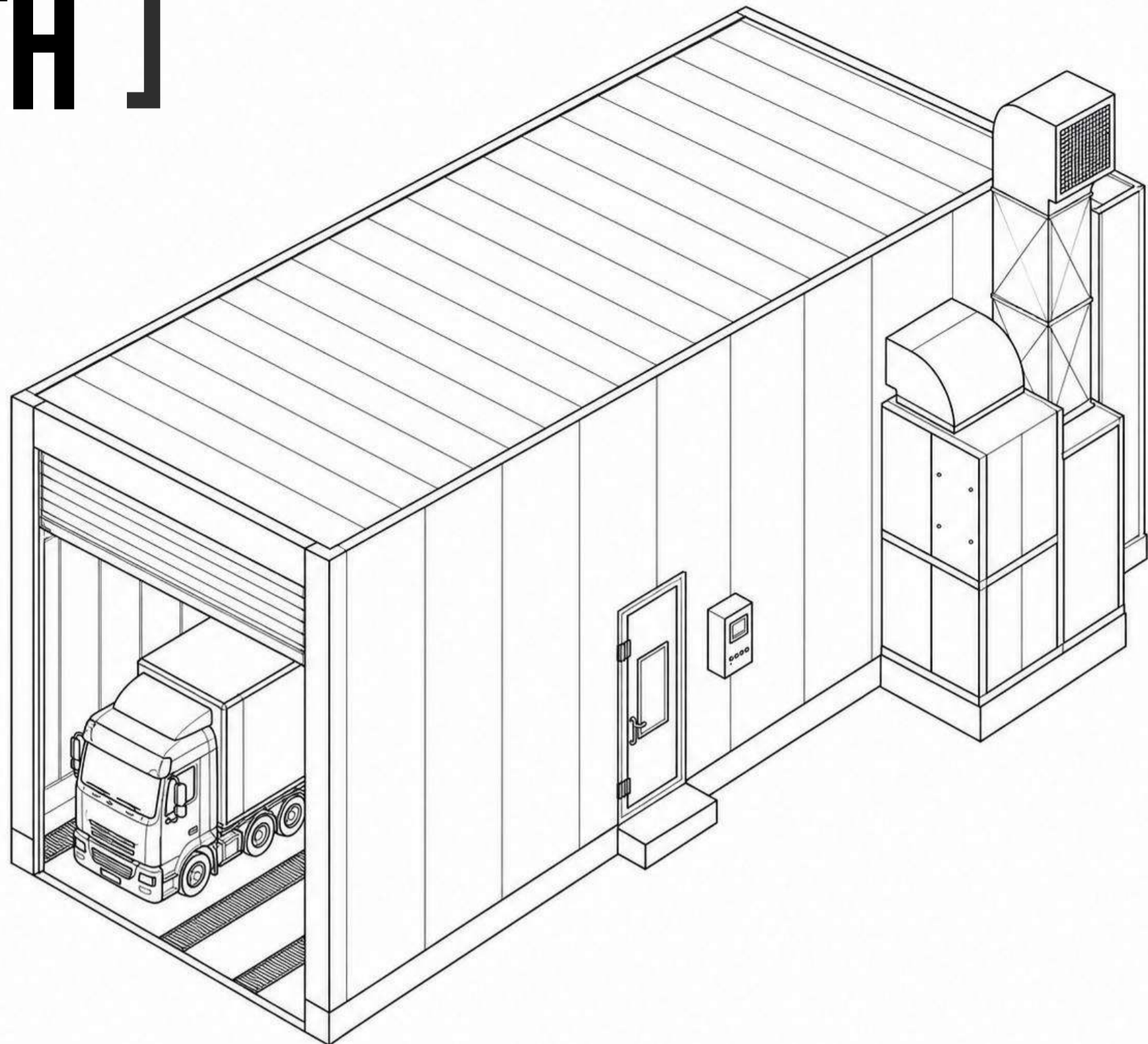
MODEL: MAT-RET 4000 x 6000

Dimensions	Int.: 8,000 × 6,000 × 5,000 mm Ext. (deployed): 10,228 × 6,680 × 5,260 mm
Installation conditions	Indoor or outdoor installation - flat floor with rails
Operating conditions	Manual spray painting
Ambient temperature	0°C to 30°C
General features	Mobile telescopic booth, rail-mounted structure Flame-retardant PVC fabric, motorized travel Explosion-proof lighting
Main structure	Galvanized square tubing 80 × 40 × 2 mm High-strength flame-retardant PVC fabric Scissor telescopic mechanism 50 × 30 × 1.8 mm
Operation	Booth retracts → part positioned → booth extends Ventilation + lighting → painting → retraction
Lighting system	24 explosion-proof LED lamps (22 W) Illuminance ≥ 800 lux
Extraction system	Flow: 55,000 m ³ /h - Fan power: 30 kW Filtration: labyrinth paper + outdoor exhaust
Drive system	2 × 2.2 kW motors (4.4 kW total) Extension speed: 8 - 12 m/min
Main door	Motorized roll-up door 6,000 × 5,000 mm
Control system	Electrical cabinet + remote control Overload protection, emergency stop, ATEX lighting, automatic limits
Power supply	3 × 380 V - 50 Hz
Safety	Audible alarm - Internal negative pressure - Anti-explosion options
Ventilation / airspeed	Minimum speed: ≥ 0.50 m/s
Total installed power	36 kW
Main materials	Galvanized steel frame - Flame-retardant PVC fabric 75 mm rock wool panels
List of main equipment	Complete telescopic booth, 30 kW fan, 24-LED lighting, Schneider electrical system, drive mechanisms, rails, labyrinth filters

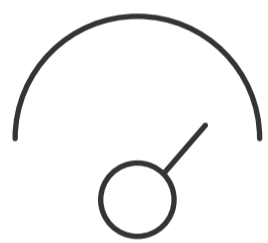
TRUCK PAINT BOOTH]



**TREAT BIGGER.
PRODUCE MORE.
MASTER BETTER.**



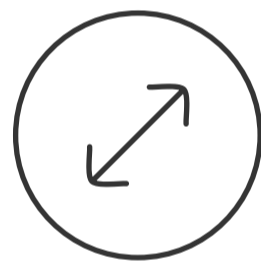
MAT-TRUCK BOOTH



Industrial performance

Air flow rate: up to 60,000 m³/h
Vertical flow
Air velocity ≥ 0.25 m/s
Controlled negative pressure

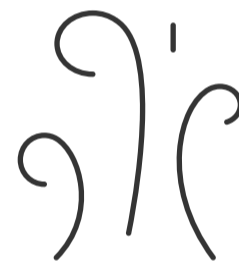
Clean air and effective capture on large surfaces



Large-volume capacity

Length: up to 23 m
Width: 5 m
Height: 5 m
Independent dual work zone

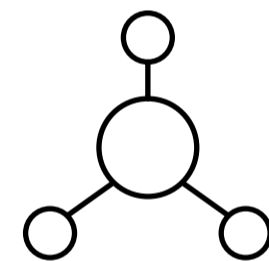
Simultaneous or sequential work on complete vehicles



High-power heating

High-performance gas / oil burner
Power up to 500,000 kcal/h
Rapid thermal rise (+30°C)
Homogeneous temperature

Optimized cycles even on large volumes



Reinforced structure

Galvanized steel frame
75 mm sandwich panels
Galvanized steel roofing

Maximum reliability in production

Applications

- Heavy trucks
- Buses / coaches
- Industrial maintenance
- Railway
- Special machinery

In summary

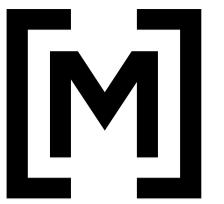
- Large industrial capacity
- High-performance ventilation
- Powerful and homogeneous heating
- Robust and durable structure
- Optimized productivity

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**TREAT BIGGER.
PRODUCE MORE.
MASTER BETTER.**

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TRUCK PAINT BOOTH TECHNICAL DATASHEET



TECHNOLOGY

Large-scale fixed booth
Self-supporting industrial structure
Suited to trucks and large parts
Controlled airflow operation

THERMAL PERFORMANCE

Fast temperature rise
Even temperature
Suited to large volumes
Optimized drying cycles

PRODUCTION CYCLE

Standardized industrial process
Paint phase + drying phase
Optimized cycles
Fast operation sequencing

VENTILATION & FILTRATION

Vertical or horizontal airflow
Mandatory flue exhaust
High-efficiency filtration
Consistent air quality

ENERGY USE

Gas booth: \approx 250 kWh / cycle
Endothermic booth: very low

ENVIRONMENTAL IMPACT

Gas: CO₂, NO_x, particulate emissions
Endothermic: zero direct emissions

OPERATING COSTS

Gas booth: high costs
Endothermic booth: reduced costs

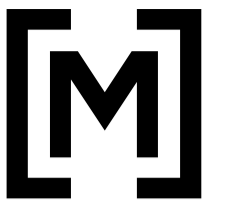
SAFETY

Combustion-related risks
Mandatory regulatory inspections
ATEX constraints

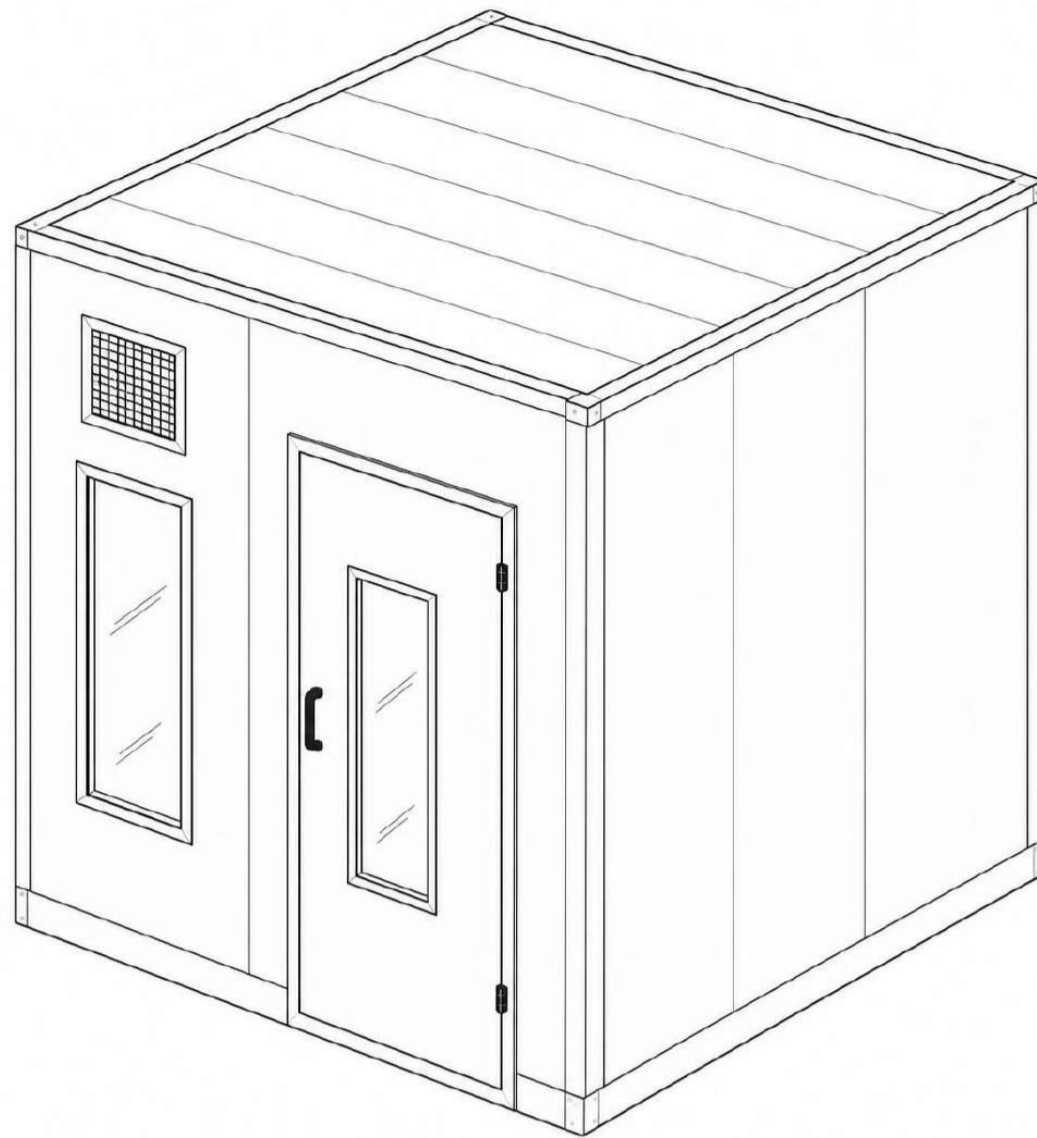
MODEL: MI-PL 8000 x 5000 x 5000

Dimensions	Int.: 23,000 × 5,000 × 5,000 mm Ext.: 23,356 × 9,956 × 5,600 mm
Structure	Steel framework 75 × 75 mm + reinforced beams 75 mm panels - 0.5 mm steel - rock wool Pressure chamber: 600 mm
General configuration	Booth open at both ends - 23 meters
Sectional doors	Front: 4,000 × 4,900 mm (1 pc) Central: 4,000 × 4,900 mm (1 pc) Rear: 4,000 × 4,900 mm (1 pc) - Anti-fall
Safety doors	5 doors - 800 × 2,000 mm - tempered glass + overpressure relief
Pits / Trenches	2 independent pits - steel grating 40 × 80 mm
Air supply - 10 m zone	Flow: 46,000 m ³ /h - Pressure: 900 Pa Fans: 2 × 11 kW (belt) - Noise: < 80 dB
Exhaust - 10 m zone	Flow: 45,070 m ³ /h - Pressure: 1,000 Pa Fan: 30 kW (belt)
Heating - 10 m zone	Riello RS44 gas burner - 440,000 kcal/h SUS304 stainless steel exchanger - 2 mm - Temperature gain: +30°C
Air supply - 13 m zone	Flow: 61,418 m ³ /h - Pressure: 749 Pa Fans: 2 × 15 kW
Exhaust - 13 m zone	Flow: 62,841 m ³ /h - Pressure: 915 Pa Fan: 30 kW
Heating - 13 m zone	Riello RS50 gas burner - 500,000 kcal/h SUS304 stainless steel exchanger - 2 mm - Temperature gain: +30°C
Lighting	Top: 96 LED tubes 18 W - Bottom: 132 LED tubes 18 W 5 mm tempered glass - Illuminance \geq 1,000 lux Total power: 4,104 W
Filtration	G3 prefilter (\geq 10 μ m) - F5 ceiling filter (\geq 5 μ m) Floor: fiberglass - Activated carbon
Ducts	8 straight sections + 2 90° elbows + 2 45° elbows + 2 dampers
Electrical control	Rotary switches + Schneider Electric Functions: paint, hot paint, baking, lighting, alarms, timer
Power supply	380 V - 50 Hz - Three-phase Max temperature: 60°C - Idle airspeed \geq 0.30 m/s Total power: 120 kW

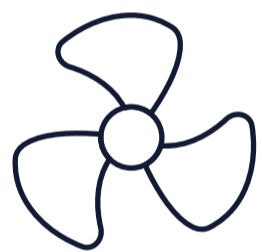
PAINT LABORATORY]



**MORE COMPACT.
CLEANER.
MORE PROFITABLE.**



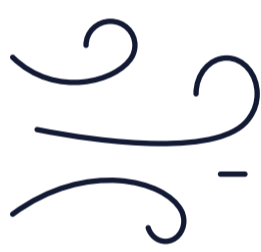
MAT-LAB BOOTH



High-Performance Ventilation

Air flow rate: 23,000 m³/h
Air velocity: >0.26 m/s
Controlled negative pressure
Top supply, bottom extraction

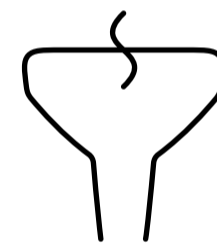
**Clean Air, Controlled
Environment**



Optimized Airflow

Filtered air intake
Homogeneous diffusion
Floor-level capture
External extraction and discharge

**Consistent
paint quality**



High-Capacity Filtration

Dry filtration
Labyrinth filters
Particle capture
Simplified maintenance

**Less clogging,
more performance**

Applications

Industrial bodywork
Automotive painting
Maintenance
Industry
Technical parts

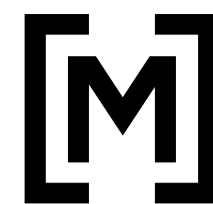
In summary

Ultra high-performance ventilation Complete
filtration
Optimal finish quality

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**A COMPACT
AND OPTIMIZED LABORATORY**

PAINT MIXING ROOM TECHNICAL DATASHEET



SUMMARY

Safe environment for the operator
Optimized preparation quality
Reduced solvent-related risks
Improved workshop organization
Compact and efficient solution

FEATURES

Dedicated paint-mixing area
Safe solvent ventilation
Low energy consumption
Simple installation
Workshop-friendly

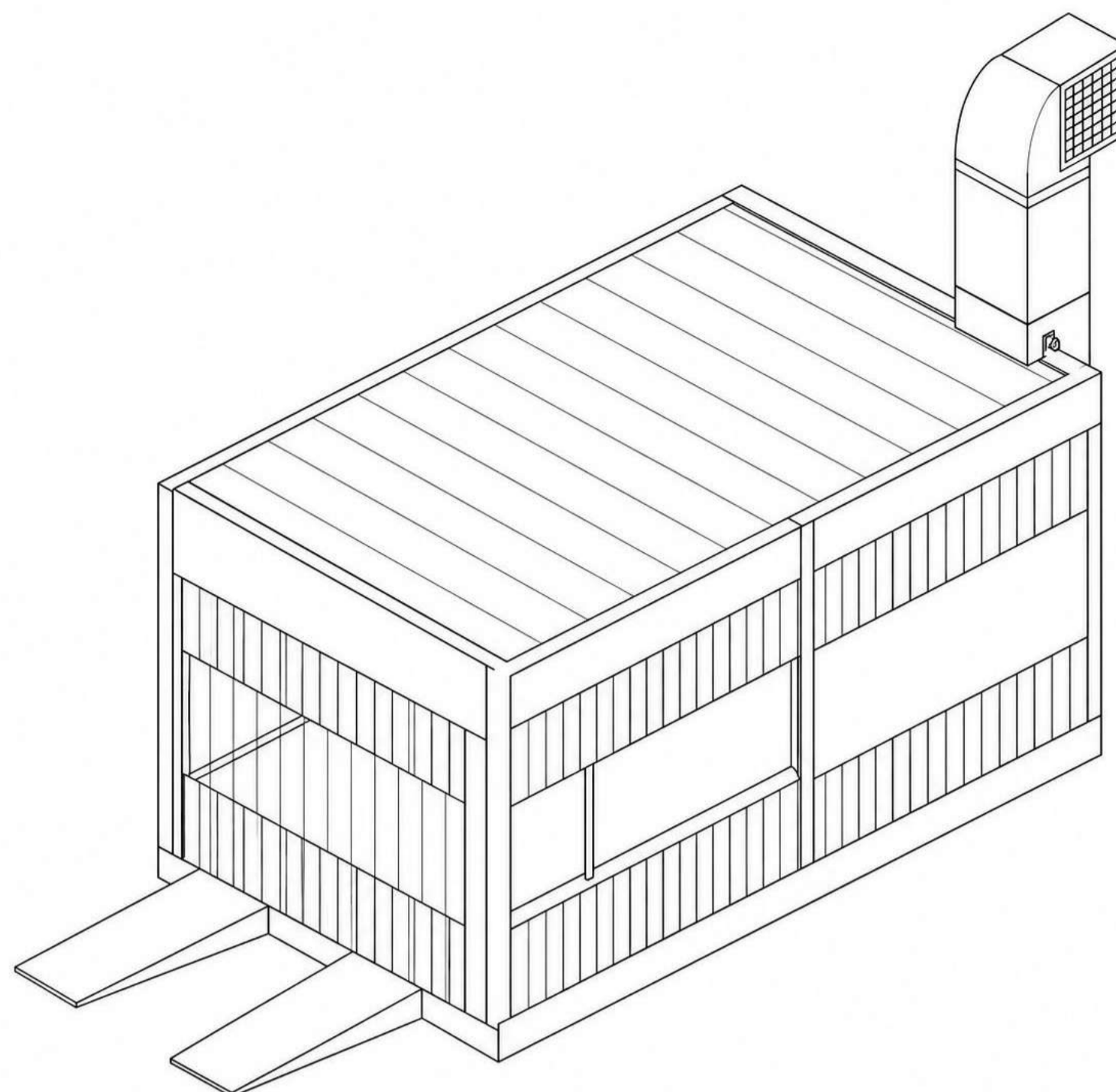
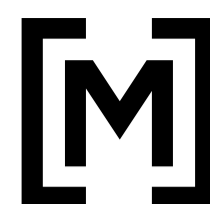
OPTIONS

Activated carbon filtration
ATEX lighting
Integrated worktop
Weighing system
Custom configuration

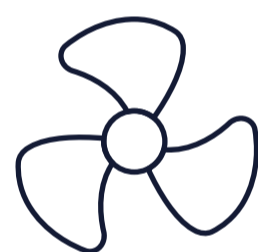
MODEL: MI-LAB 3600 x 2500

Dimensions	Int.: 4,000 × 2,500 × 2,550 mm Ext.: 4,106 × 2,606 × 2,600 mm
Walls / Roof	Double-skin steel panels 0.4 mm - 50 mm thickness - rock wool Interlocking panels 1,150 mm
Front-panel equipment	Inlet prefilter + observation window 1,000 × 400 × 5 mm
Ventilation	Natural intake - Top extraction
Doors	Aluminum + tempered-glass safety door 800 × 2,000 mm (1 unit)
Extraction	Axial fan T30-4C Flow: 3,500 m ³ /h - Power: 0.55 kW Drive: belt - Noise: ≤ 72 dB
Lighting	12 LED tubes 18 W (ceiling) - 5 mm tempered glass Illuminance ≥ 600 lux - Total power: 216 W
Filtration	Intake: G3 prefilter (≥ 10 µm) Exhaust: fiberglass cotton
Air ducts	0.8 mm galvanized sheet 4 straight sections + 1 90° elbow + 1 45° elbow
Electrical control	Rotary switches - Schneider Electric components Functions: ventilation, lighting, emergency stop, isolation
Power supply	220 V - 50 Hz - single-phase Max temperature: ambient - Air change: > 130 times/h Total power: 1 kW

PREP AREA]



CABINE MI-AP



High-Performance Ventilation

Airflow: 23,000 m³/h
Air speed: > 0.26 m/s
Top supply, bottom extraction

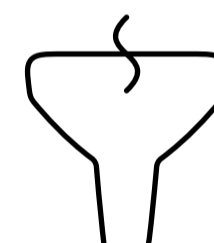
Clean air, controlled environment



Optimized Airflow

Filtered air intake
Even diffusion
Floor-level capture
Extraction and outdoor exhaust
High filtration

Even paint quality



High-Capacity Filtration

Dry filtration
Labyrinth filters
Particulate capture
Simplified maintenance
Less clogging, more performance

**Less clogging,
more performance**

Applications

Industrial bodywork
Automotive painting
Industry
Technical parts

Summary

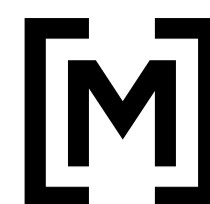
High-performance ventilation
Complete filtration
Optimal finish quality

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**A COMPACT,
OPTIMIZED PREP AREA**

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PREP AREA TECHNICAL DATASHEET



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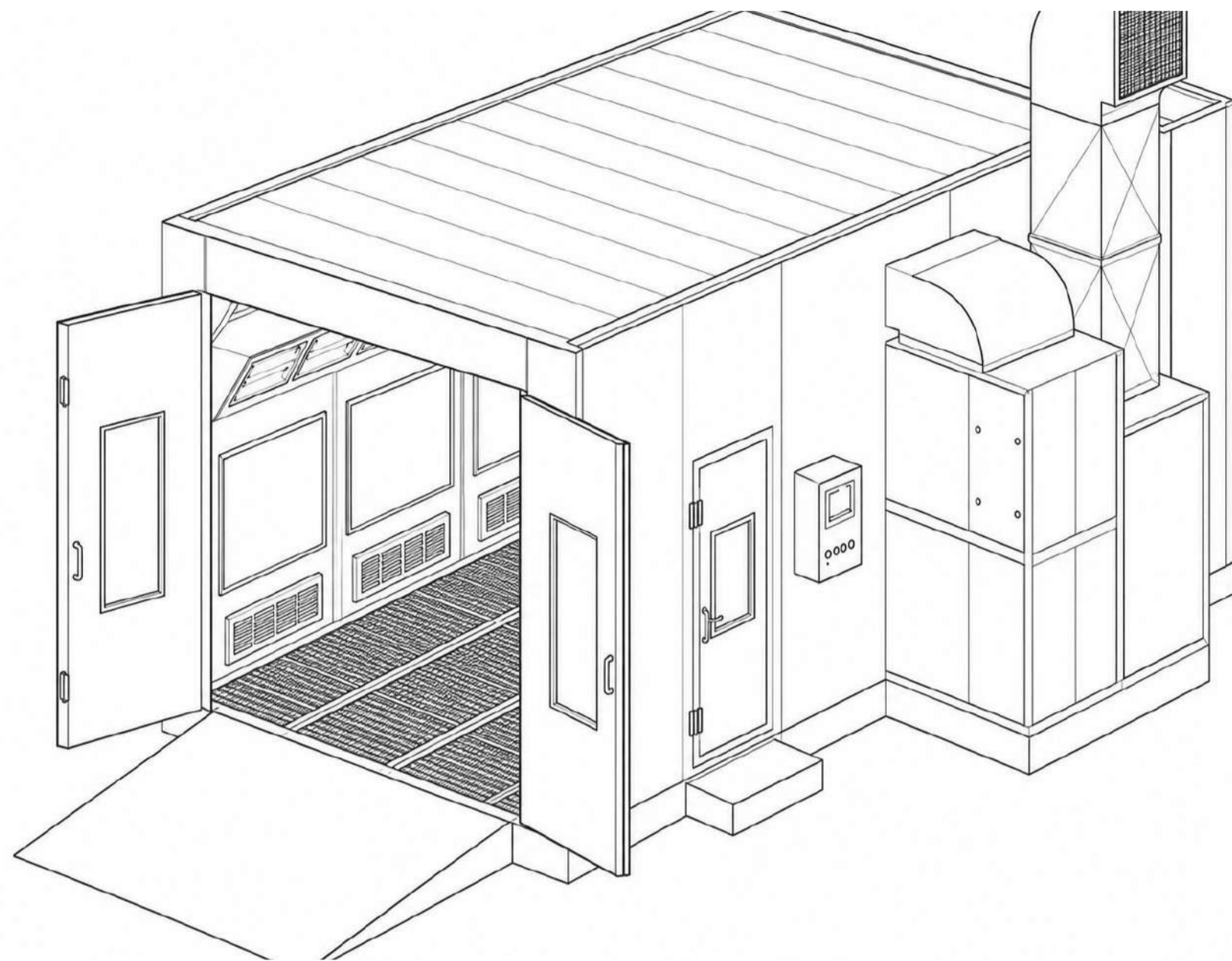
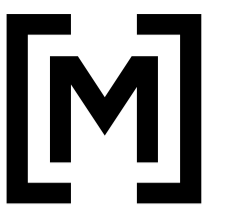
OPTIONS

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MODEL: MI-AP 6900 × 4000

Interior dimensions	6,900 × 4,000 × 3,000 mm
Exterior dimensions	8,406 × 4,100 × 3,500 mm
Structure	50 mm panels - 0.4 mm steel + PVC curtains
Settling chamber	Height 500 mm + grille + deflector + F5 filter
Roof	0.8 mm galvanized sheet
Frames	1.2 mm galvanized steel, powder-coated
Platform	Height 300 mm + steel grating 30 × 4 mm
Permissible load	600 kg / wheel
Ventilation	Ceiling supply + floor extraction (full downdraft)
Airflow	28,000 m ³ /h
Fan	Single-inlet turbine - model 710
Total pressure	560 Pa
Idle airspeed	≥ 0.28 m/s
Noise level	≤ 72 dB
Motor	7.5 kW - 380 V - 50 Hz - 3P
Total power	8.5 kW
Lighting	40 LED tubes (10 strips × 4) - 18 W
Tilt angle	10°
Glazing	5 mm tempered glass
Illuminance	≥ 800 lux
Ceiling filtration	F5 - 560 g/m ² - > 5 µm
Floor filtration	Fiberglass
Dust treatment	Filter cotton
Ducts	0.8 mm galvanized sheet - 4 straight + 2 elbows
Control	Rotary switches - Schneider Electric
Functions	Ventilation, lighting, emergency stop, alarm, motorized damper, protections
Use	Sanding / preparation
Max temperature	Ambient temperature

ENDOTHERMIC PANELS



ENDOTHERMIC PANELS



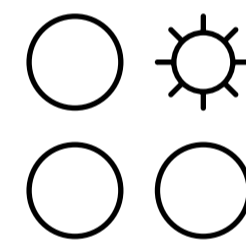
Principles & Benefits

Endothermic panels heat by long-wave infrared radiation, delivering fast, even temperature rise on surfaces, cutting drying time by up to 30%, and ensuring a more consistent finish while reducing energy consumption.



Thermal Performance

Surface temperature adjustable from 20 to 170°C, thermal uniformity $\pm 1^\circ\text{C}$, temperature rise in 3 to 6 minutes, energy efficiency >95%, average consumption 25 to 30 kWh per cycle.



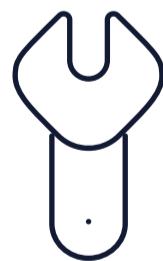
Specifications

Total power 30 kW, 400 V three-phase + N + E supply, 50 Hz frequency, IP55 protection, anodized aluminum materials, integrated safety: thermal protections, breakers, solid-state relays.



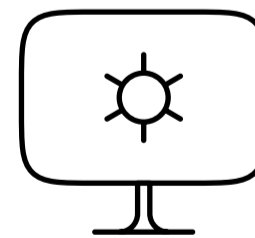
Panel Configuration

Set of 10 wall panels: 5 \times 4 kW panels (2380 \times 890 \times 39 mm) + 5 \times 2 kW panels (2380 \times 490 \times 39 mm), delivering balanced heat distribution across the entire booth.



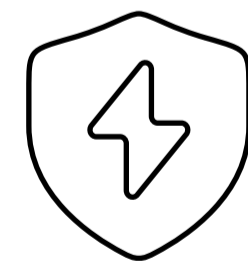
Installation & Mounting

Wall-mounted on insulating brackets, optimized layout for uniform heat distribution, wiring compliant with NF C 15-100, mandatory grounding, compatible with new or retrofit booths.



Control & Regulation

Built-in electronic thermostat in each panel + option for centralized regulation or PLC control, modes: heating, hold, safety stop.



Safety & Maintenance

CE certification (Low Voltage Directive 2014/35/EU & EMC 2014/30/EU), monthly visual inspection, easy cleaning, annual check of connections and probes.

**[INNOVATION IN
THE SERVICE OF
PRECISION]**

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