

Powder Exhaust System

MAT

MAINTENANCE & TEST EQUIPMENT



Monophase & Module



Powder Exhaust



*Monophase, Bench, Module
&
Energy Distribution*

Our Products

POWDER EXHAUSTERS SYSTEM



MONOPHASE



BENCH



ONLY AIR

ENERGY DISTRIBUTION



MODULE

**BUILT-IN****CORNER**

PANNELS



HEXAGON



ARM

MATST1-C

MATST1-C main features:

- professional exhauster for sanding dust
- innovative filtering system, unique in its reference range
- manual and automatic cleaning of filters at regular intervals of 15 minutes
- dust filtering capacity: 99%
- removable dust container without bag
- manual and automatic suction start
- manual adjustment of suction: adaptable to the tool/abrasive or amount of dust to remove
- spare built-in tank that guarantees a continuous supply of air for filter cleaning, even when no line is connected
- ultra-high efficiency, energy efficiency, maximum life cycle
- powerful and noiseless electrical motor, 1300 w
- compact and robust
- anti-tilting rubber casters to improve handling, even on grating
- ultra-low maintenance and management costs
- compliance with the strictest industry standards



Supply voltage:	230 V 50/60Hz
Control voltage:	12 Volt
Suction volume:	150 m³/h
Suction vacuum:	210 mbar
Supply air pressure:	Max 8 bar
Suction turbine with automatic start:	1300 Watt
Noise:	72 dBA
Dimensions:	450x450x800 mm
Weight:	32 Kg.

AIRone

AIRone main features:

- professional exhauster for sanding dust
- innovative filtering system, unique in its reference range
- manual cleaning of filters
- dust filtering capacity: 99%
- removable dust container bag
- ultra-high efficiency, energy efficiency, maximum life cycle
- compact and robust
- anti-tilting rubber casters to improve handling, even on grating
- ultra-low maintenance and management costs
- compliance with the strictest industry standards



POWER SUPPLY NOT NEEDED!!



SANDING SYSTEM POWERED EXCLUSIVELY
BY COMPRESSED AIR.

NO ADDITIONAL COST FOR THE REPLACEMENT OF
FILTERS AND BAGS.

MAINTENANCE AND ENERGY
SAVING.



THE MACHINE IS PROVIDED
WITH SANDER AND VACUUM HOSE



Supply air pressure:	Max 6 bar
Air consumption	450 l/min
Noise:	72 dBa
Dimensions:	450x450x800 mm
Weight:	27 Kg.

MATST2-M

SINGLE-PHASE INDUSTRIAL
EXHAUSTER FOR TWO WORKSTATIONS



**TWO
MONOPHASE
TURBINES**

MATST1-M

SINGLE-PHASE INDUSTRIAL
EXHAUSTER FOR ONE WORKSTATION



**ONE
MONOPHASE
TURBINE**

WALL MOUNTING



	ST2-M	ST1-M
Supply voltage:	230 V 50/60Hz	230 V 50/60 Hz
Control voltage:	12 Volt	12 Volt
Suction volume:	260 m³/h	150 m³/h
Suction vacuum:	210 mbar	210 mbar
Supply air pressure:	Max 8 bar	Max 8 bar
Suction turbine with automatic start:	2600 Watt	1300 Watt
Noise:	72 dBa	72 dBa
Dimensions:	450x450x800 mm	450x450x800 mm
Weight:	35 Kg.	32 Kg.

MATSTM-TF

THREE-PHASE WALL-MOUNTED INDUSTRIAL EXHAUSTER
FOR CENTRALISED SYSTEMS FOR 3 WORKSTATIONS



THREE-PHASE TURBINE

WALL MOUNTING



Supply voltage:	380 V 50/60Hz
Control voltage:	12 Volt
Suction volume:	306 m³/h
Suction vacuum:	240 mbar
Supply air pressure:	Max 9 bar
Suction turbine with automatic start:	2,2 kW
Noise:	72 dBa
Dimensions:	500x550x870 mm
Weight:	60 Kg.

MATME-1

MATME-1P

FLUSH-MOUNTING SUCTION MODULE FOR PREPARATION AREAS.
COMPRESSED AIR ELECTRICAL SUCTION AND TOOL-HOLDER COMPARTMENT



	ME-1	ME-1P
Supply voltage:	230 V 50/60Hz	230 V 50/60 Hz
Control voltage:	12 Volt	12 Volt
Suction volume:	150 m³/h	300 m³/h
Suction vacuum:	210 mbar	210mbar
Supply air pressure:	Max 8 bar	Max 8 bar
Suction turbine with automatic start:	1300 Watt	2600 Watt
Noise:	65 dBa	72 dBa
Dimensions:	500x400x2000 mm	500x400x2000 mm
Weight:	50 Kg.	55 Kg.

MATME-2

MATME-2P

FLUSH-MOUNTING SUCTION MODULE FOR PREPARATION AREAS.
COMPRESSED AIR ELECTRICAL SUCTION AND TOOL-HOLDER COMPARTMENT

BUILT-IN



THREE-PHASE TURBINE



	ME-2	ME-2P
Supply voltage:	380 V 50/60 Hz	380 V 50/60 Hz
Control voltage:	12 Volt	12 Volt
Suction turbine with automatic start:	2,2 kW	2,2 kW
Suction volume:	306 m³/h	306 m³/h
Suction vacuum:	240 mbar	240 mbar
Dimensions:	500x400x2000 mm	1000x400x2000 mm
Weight:	100 Kg.	130 Kg.

MATST3-TF

MATST3-TF/2U

THREE-PHASE INDUSTRIAL EXHAUSTER FOR CENTRALISED
SYSTEMS FOR A MAXIMUM OF 3 WORKSTATIONS



THREE-PHASE TURBINE



Supply voltage:	380 V 50/60Hz
Control voltage:	12 Volt
Suction volume:	306 m³/h
Suction vacuum:	220 mbar
Supply air pressure:	Max 9 bar
Suction turbine with automatic start:	2,2 kW
Noise:	72 dBA
Dimensions:	520x620x1350 mm
Weight:	80 Kg.

MATST3-GV

MATST3-GV/2U

THREE-PHASE INDUSTRIAL EXHAUSTER FOR CENTRALISED
SYSTEMS FOR A MAXIMUM OF 3/4 WORKSTATIONS



THREE-PHASE TURBINE



Supply voltage:	380 V 50/60Hz
Control voltage:	12 Volt
Suction volume:	320 m³/h
Suction vacuum:	250 mbar
Supply air pressure:	Max 9 bar
Suction turbine with automatic start:	3 kW
Noise:	72 dBa
Dimensions:	650x720x1400 mm
Weight:	90 Kg.

MATST4-TF

THREE-PHASE INDUSTRIAL EXHAUSTER FOR CENTRALISED
SYSTEMS FOR A MAXIMUM OF 4/6 WORKSTATIONS



**PNEUMATIC LIFTING
OF THE
DUST CONTAINER**



**THREE-PHASE
TURBINE**



Supply voltage:	380 V 50/60Hz
Control voltage:	12 Volt
Suction volume:	400 m³/h
Suction vacuum:	250 mbar
Supply air pressure:	Max 9 bar
Suction turbine with automatic start:	4 kW
Noise:	72 dBA
Dimensions:	650x720x1750 mm
Weight:	100 Kg.

MATST5-TF

MATST7-TF

THREE-PHASE INDUSTRIAL EXHAUSTER FOR CENTRALISED SYSTEMS FOR A MAXIMUM OF 6/10 WORKSTATIONS



PNEUMATIC LIFTING OF THE DUST CONTAINER

OPTIONAL INVERTER

	ST5-TF	ST7-TF
Supply voltage:	380 V 50/60 Hz	380 V 50/60 Hz
Control voltage:	12 Volt	12 Volt
Suction volume:	540 m³/h	540 m³/h
Suction vacuum:	270 mbar	300 mbar
Supply air pressure:	Max 9 bar	Max 9 bar
Suction turbine with automatic start:	5,5 kW	7,5 kW
Noise:	72 dBa	72 dBa
Dimensions:	520x1100x1750 mm	520x1100x1750 mm
Weight:	140 Kg.	170 Kg.

MATM1



MATM1 COMBI



DOUBLE SUCTION

WITH INVERTER



	M1	M1 COMBI (Double Suction)
Supply voltage:	380 V 50/60Hz (3P+T)	
Control voltage:	12 Volt	
Suction volume:	5000 M3/h	150 m3/h
Suction turbine:	1,5 kW	1,3 kW
Optional	Inverter, Sanding system	
Dimensions:	2000x1000x900h	
Weight:	100 Kg.	
Cartridges vertical pocket. Powder recovery in his pocket with removable manual opening. Manual start with regulation through inverter.		Self-cleaning filters

MATM1-SMARTY

MODEL-MAKING

SMALL-WORKS



Supply voltage:	220 V 50/60Hz
Control voltage:	12 Volt
Suction volume:	1000 M3/h
Suction turbine:	200 W - 3 Speed
Optional	Inverter, Sanding system
Dimensions:	1200x800x 800h (+400 h shelf)
Weight:	100 Kg.

Cartridges vertical pocket.

Powder recovery in his pocket with removable manual opening. Manual start

BINARY SYSTEM



Sliding aerial system for the distribution of compressed air, electrical energy and lighting, designed to significantly reduce the cost of systems.

It enables users to position the service control unit next to the workstation and avoid therefore installing bulky loose cables or routing pipes across the work areas.

Service control units designed to be integrated in this system can be customised to the needs of users. Also available with centralised suction system.



Wood work

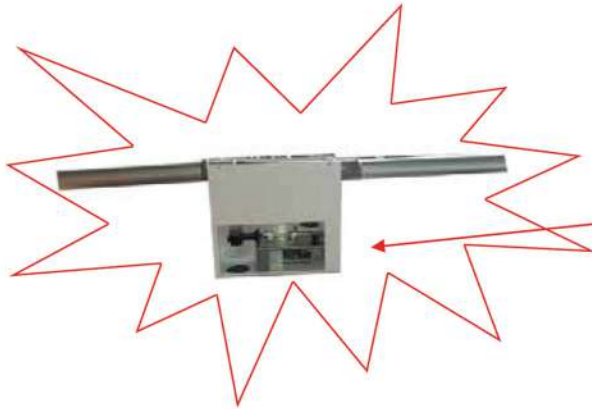


Car Body



Industry

AUTOMATIC SUCTION CLOSING SYSTEM

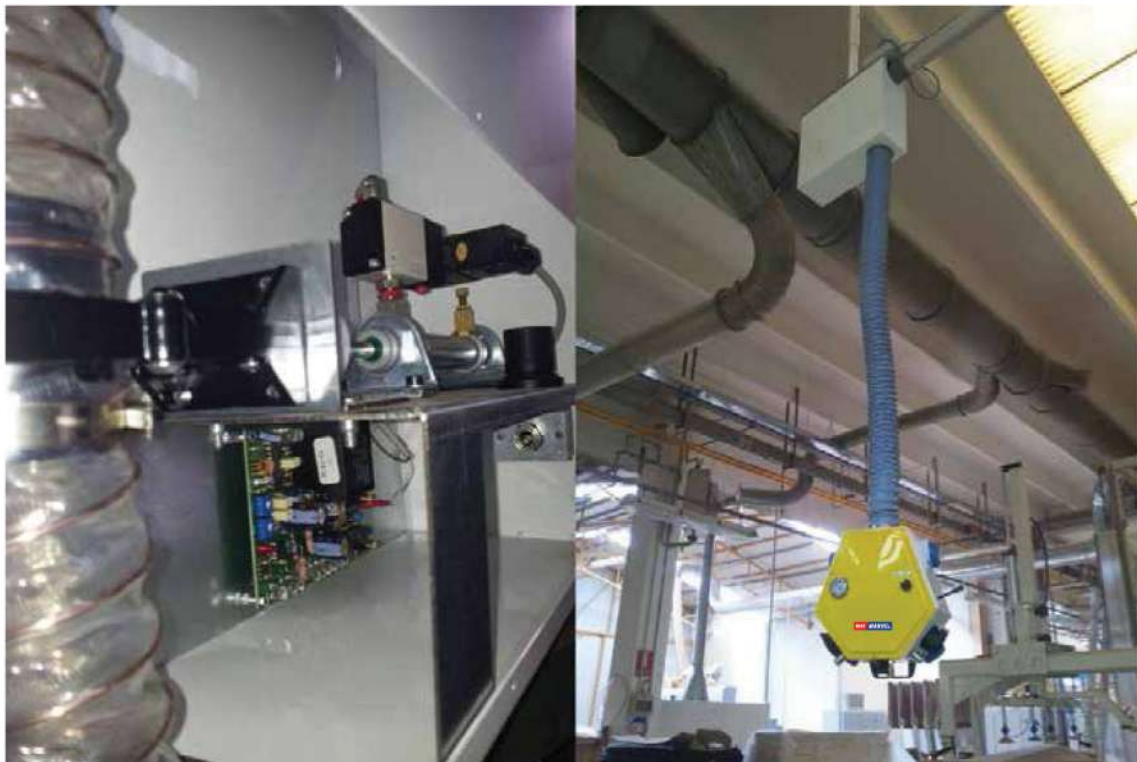


CG-AUTO

With this product you have the opportunity to automatically section the suction system. It is sufficient to switch on the electric and / or pneumatic tool and the suction closing system situated inside the descent will be opened. In this way the general suction is maximised and it is possible to avoid any suction loss caused by carelessness of operators who leave unused sanding positions open.

This new Stucchi technology, together with an inverter controlled power station, allows significant energy savings, giving turbines a longer life cycle.

Our best technology is now at your disposal and will let you achieve the best results, guaranteeing optimized suction performances and significant energy savings.



OUR ARMS

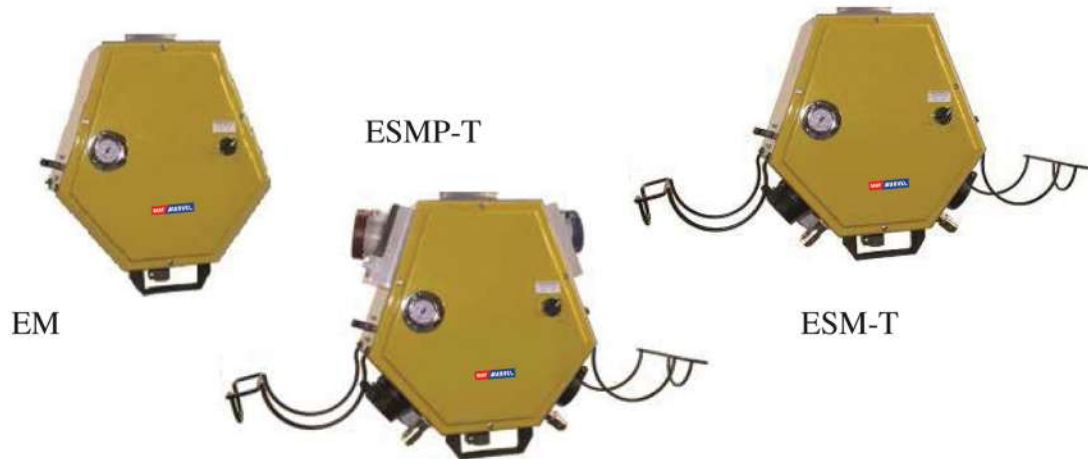


Available in three different lengths B5 (5 metres) and B6 (6metres) (and also with a length of 7 metres upon request), these arms are used to support and enable the handling of multifunctional hexagons (EM, EMS-T, ESM-PT and ESM) according to the needs of operators.

The arms are mounted to the wall by means of a support bracket and enable operators to reach the working position within a radius of five, six or seven metres, with a rotation of 180°, thus eliminating the need of using electrical cables, compressed air and suction pipes.



MULTIFUNCTIONAL HEXAGONS



Multifunctional termination with two 230V electrical sockets, two fitting for lubricate air, one adjustable fitting for dry air, and two suction fitting with pipe support.
Start-up is automatic with both electrical and pneumatic tools.
The hexagons are also fitted with a manual device to stop the suction flow (cut-off switch) that maximum suction performance.
Available also in a version for one workstation (EM)
The model ESM-T has two interlocked protection sockets (230V-380V), depending on the user's requirements.
Available also with sockets for electrical and pneumatic tools without suction.



MULTIFUNCTIONAL PANELS



Multifunctional panels are fitted with a lot of solutions.

Only suction, with one or two 230V electrical sockets, one or two fitting for lubricated air, adjustable fitting for dry air, one or two suction fitting, single-phase 230V and three-phase 380V interlocked socie.

Start-up is automatic with both electrical and pnumatic tools.



MULTIPURPOSE MODULES



MP-A
Electrical, pneumatic and suction
distribution
corner module for two work stations



MP
Electric and Pneumatic
energy distribution module

CORNER



MP-C

Electrical, pneumatic and suction
distribution corner module for a
work station

PERIPHERAL MODULES FOR ENERGY SUPPLY

Ours modules for two users or one user are customizable according to custode needs with : n°1 interlocked 220 V, n°1 380 V industrial plug, n°1 adjustable compressed air plug, n°2 direct compressed air, n°1 air reel 12 mt, n°2 intake manifolds.

The models: MP-C, MP-Z, MP-ZP and MP-ZSP are equipped with hole-case for suction hose.
All the models equipped socket autostart function plugs.

MP-Z



MP-ZP



MP-ZSP



BUILT-IN

OUR RESOURCES

ELECTRONIC CARDS

FM 488

4098-1

FM 492-4


ELECTRONIC CARDS

Thanks to the cooperation with the best electronic technicians, Stucchi has designed its own control cards. Practical, operational and reliable this is the reason why Stucchi has become synonymous with excellence.



The strength of iron with shapes of ceramic...

Since forever Stucchi, thanks to the design and realisation of moulds of property, assembles on its machines several components obtained by means of plastic injection slots. This allows us to produce our machines in full autonomy.


CHISEL (TGL)

**OPENING WITH
PLUG (BCTST)**

**OPENING
(BCTS)**

UNION FITTING (BCTSN)

**PNEUMATIC VALVE
WITH FLOW SENSOR
(VPP-P)**
**Y SPLITTER
TUBE Ø 50(YS)**


2014 - 2015

Powder Exhaust System

MAT

MARVEL ABRASIVE TOOLS

Exhaust Systems



Monophase & Bench



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Locations of our team presence :-

Karnataka, Tamil Nadu, Kerala,
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