

EUROTHERM BENELUX

SINCE 1958

PAINTING INSTALLATIONS



SPARE PARTS CATALOGUE

Netherlands

Belgium

Luxembourg

eurothermbenelux.com

Since 1958 Eurotherm has been one of the leading manufacturers of custom-made equipment for industrial finishing and has provided the most effective painting solutions for all customers' needs – from small businesses to large industries.

Eurotherm Italy takes care of the whole process, from pre-treatment such as washing and sandblasting to the end result. Our plants ensure the highest quality finishes through the implementation of efficient and resource-saving processes.

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OUR SERVICES



TAILOR-MADE **CONSULTING**



OPTIMIZED **DELIVERY**



TRAINING

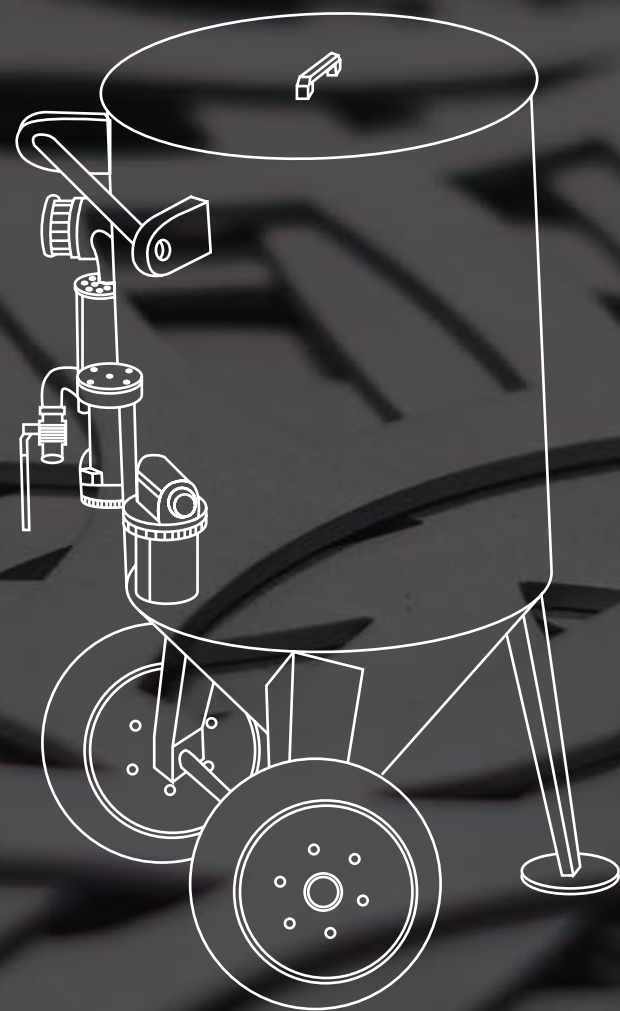


MAINTENANCE
TROUBLESHOOTING

&



BLASTING & SHOT BLASTING



PERFORMANCE / QUALITY /
ROBUSTNESS

COMPLETE BLASTING MACHINE 60 L / 100 L / 200 L

A complete, ready-to-use system. Robust equipment designed to withstand harsh jobsite conditions.

60-liter blasting unit including: RCV 125 remote control system with handle, abrasive metering valve, blasting machine separator filter, screen, lid, 20 m remote control hose, 20 m blasting hose Ø 19/33 mm, nylon nozzle holder, short MTC tungsten carbide nozzle Ø 5 mm (coarse thread), blasting machine outlet fitting, blasting helmet with 50 disposable lenses, breathing air filter with 20 m air hose for the helmet, protective suit, and a pair of gloves.



BLASTING
& SHOT BLASTING

ADVANTAGES



CUSTOM
CONFIGURATION



PRODUCTIVITY
GAIN



EASY
MAINTENANCE



COMFORT



SAFETY



	RCV 125 REMOTE CONTROL WITH HANDLE	ABRASIVE VALVE	BLASTING MACHINE SEPARATOR FILTER	A SIEVE	A LID	DIAMETER 25/39	32 /48	SHORT MTC NOZZLE - Ø 5 MM	6.5 MM	8 MM	COARSE THREAD	BLASTING MACHINE OUTLET FITTING	EQUIPMENT: HELMET / 50 DISPOSABLE LENSES / BLASTING SUIT / GLOVES / BREATHING AIR FILTER / 20 M AIR HOSE	20 M BLAST HOSE Ø 19/33 MM
60 L														
100 L														
200 L														

SPARE PARTS FOR BLASTING MACHINES



SHOT BLASTING / SELECTION /
PRODUCTION

FSV VALVE



MEV VALVE



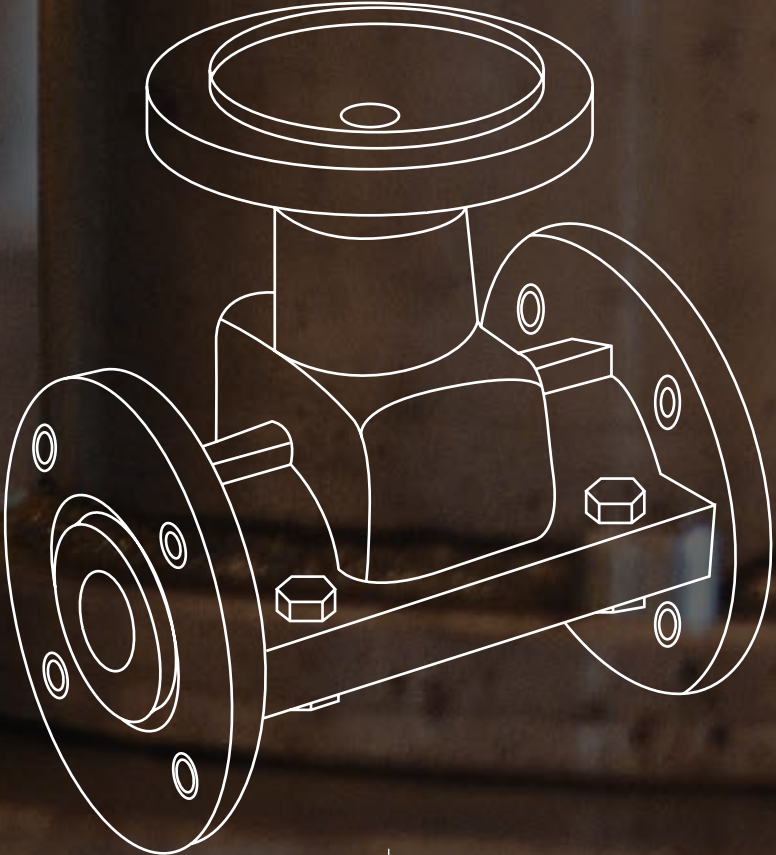
SGV SLEEVE VALVE



**TMV PNEUMATIC
VALVE**



ABRASIVE DOSING VALVES



SHOT BLASTING / SELECTION /
PRODUCTION

MEV MICRO VALVE

Compatible with all types of abrasives.
High precision.

REF. SAC-AV-MEV-0070



FSV FLAT VALVE

Generally used for expendable abrasives.
Simple and efficient.

REF. 10850



SGV SLEEVE VALVE

Compatible with all types of abrasives.
High precision.

REF. 10860



TMV PNEUMATIC VALVE

Compatible with all types of abrasives.
Very high precision and reduced abrasive
consumption.

REF. SAC-AV-TMV-0040



	FSV FLAT VALVE	MEV MICRO VALVE	SGV SLEEVE VALVE	TMV PNEUMATIC VALVE
IS60	IS60FSV	IS60MEV	IS60SGV	IS60TMV
IS100	IS100FSV	IS100MEV	IS100SGV	IS100TMV
IS200	IS200FSV	IS200MEV	IS200SGV	IS200TMV

ABRASIVE DOSING VALVES

MEV VALVE



- Compatible with all types of abrasives
- High precision

REP	DESCRIPTION	REF
1	Blasting machine outlet fitting	10900
2	Micro valve dosing valve	SAC-AV-MEV-0070
3	Union coupling 1" 1/4 FF	ISUFF14
4	Hose tail nipple - male	50024
5	Claw clamp	SK51
6	Hose 32/48	32/48/1
7	Rubber-lined hose roll 100 m - 1"1/4 MM	10921

MOST USED

TMV VALVE



- Compatible with all types of abrasives
- Very high precision
- Reduced abrasive consumption

REP	DESCRIPTION	REF
1	Blasting machine outlet fitting	10900
2	TMV pneumatic dosing valve	SAC-AV-TMV-0040
3	Union coupling 1"1/4 FF	ISUFF14
4	Hose tail nipple - male	50024
5	Claw clamp	SK51
6	Hose 32/48	32/48/1
7	Elbow 6/8	RPCMR0800
8	Rubber-lined hose roll 100 m 1"1/4 MM	10921

ABRASIVE DOSING VALVES

FSV FLAT VALVE



- Generally used for expendable abrasives
- Simple & efficient

REP	DESCRIPTION	REF
1	Blasting machine outlet fitting	10900
2	Rubber-lined nipple 1" 1/4	10911
3	Rubber-lined Y fitting 1"1/4	10990
4	Hose tail nipple - male	50024
5	Claw clamp	SK51
6	Hose 32/48	32/48/1
7	Rubber-lined hose roll 100 m - 1"1/4 MM	10921
8	FSV dosing valve	10850

MOST USED

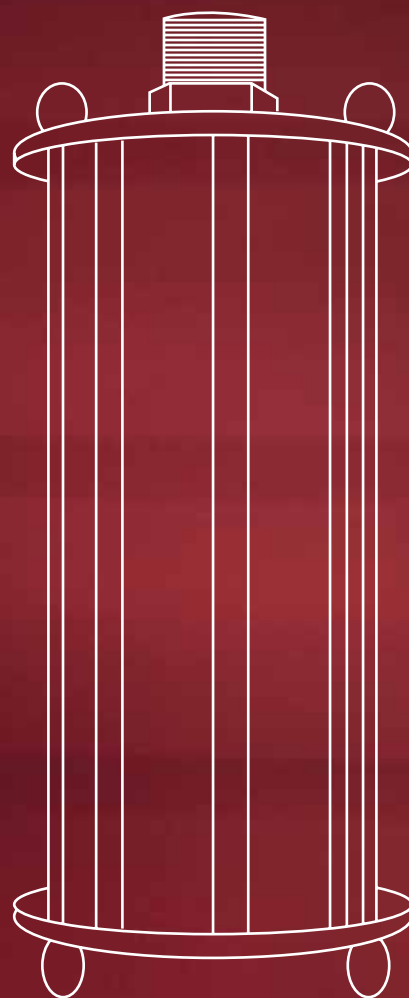
SGV SLEEVE VALVE



- Compatible with all types of abrasives
- High precision

REP	DESCRIPTION	REF
1	Blasting machine outlet fitting	10900
2	Rubber-lined nipple 1" 1/4	10911
3	Rubber-lined 90° T fitting 1"1/4 FFF	10948
4	Hose tail nipple - male	50024
5	Claw clamp	SK51
6	Hose 32/48	32/48/1
7	Plate 1"1/4	10948
8	SGV dosing valve	10860
9	Black rubber sleeve (also available in red or yellow)	10947

UNIVERSAL CONTROL SYSTEMS



COMFORT / SAFETY / SAVINGS /
PERFORMANCE

REMOTE CONTROL

Compatible with all types of standard blasting machines.

REF : 10870

★ ADVANTAGES ★

Compatible with all types of blasting machines.



REMOTE CONTROL SILENCER

Compatible with all standard blasting machines.

REF : 29000058



PNEUMATIC REMOTE CONTROL HANDLE

Also available in electric version.

REF : 10880



SAFETY SYSTEM (REDUCES MSDS)

Easy to use, ergonomic, helps reduce musculoskeletal disorders (MSDs).

REF : QUICK-STOP

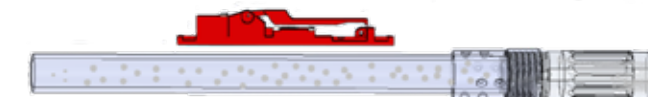


MINI PNEUMATIC REMOTE CONTROL HANDLE

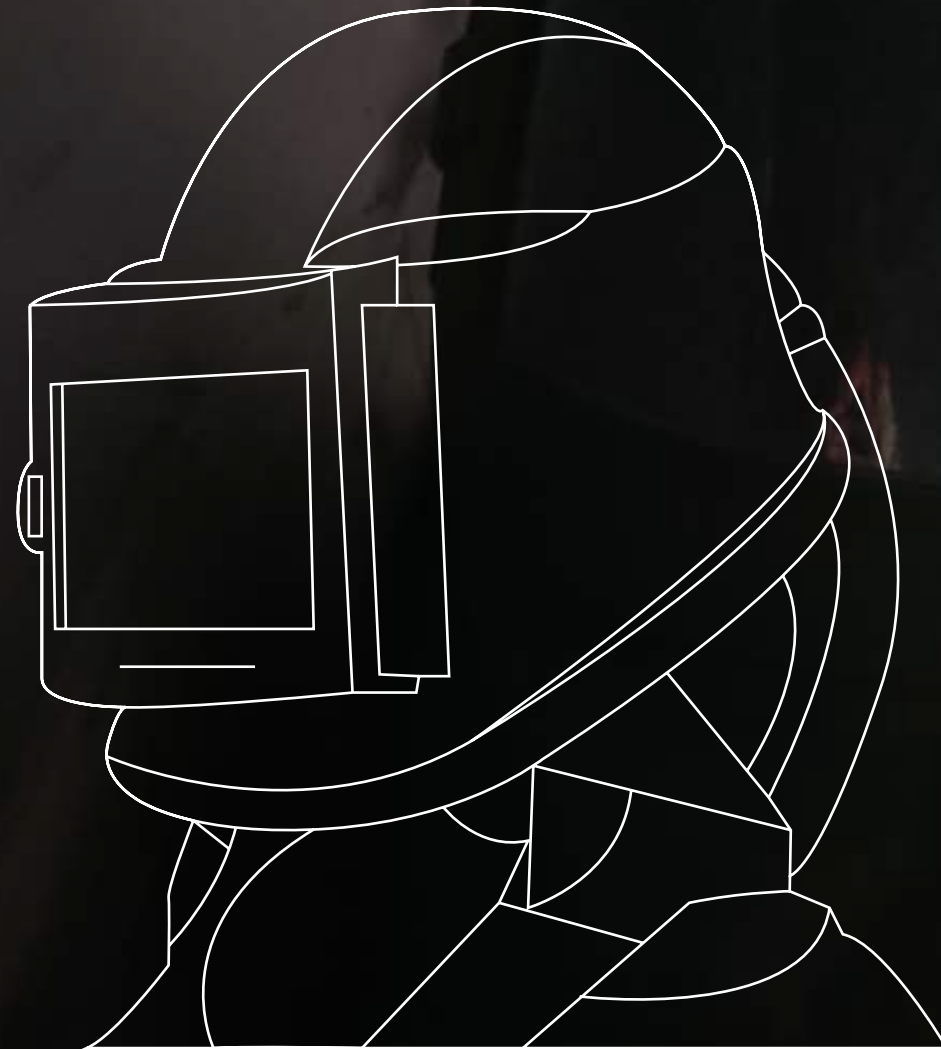
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REMOTE CONTROL HANDLE DIAGRAM UNIVERSAL CONTROL SYSTEMS



OPERATOR EQUIPMENT



SAFETY / COMFORT / DURABILITY

NOVA 2000 HELMET

RÉF. NV3-711-50

★ **BEST SELLER** ★

The most comfortable on the market
Robust and adaptable



REP	DESCRIPTION	REF	REP	DESCRIPTION	REF
1	Visor kit	NV2004	8	Helmet air hose	NV2021
2	Disposable lenses (pack of 50)	NV2017	9	Nylon cape	NV2002
3	Intermediate lenses (pack of 50)	NV2031	10	Belt	NV2022
4	Inner lenses (pack of 10)	NV2018	11	Belt with regulato	NV2016-CE
5	Inner seal	NV2003	12	Cheek foam	NV2009
6	Dome fixing kit	NV2008	13	Dome	NV2010
7	inner bib	NV2012			

OPERATOR EQUIPMENT

NOVA 3 HELMET

REF. NV3-711-50

★ ADVANTAGES ★

The most comfortable on the market
Robust and adaptable



Z-LINK & PX5 HELMET

REF.: 16-010-21-CE

REF.: 03-801-EUUK

★ ADVANTAGES ★

Simple and effective
Great comfort



REP	DESCRIPTION	REF	REP	DESCRIPTION	REF	REP	DESCRIPTION	REF
1	Visor kit	NV3-726	9	Hinge kit	NV3-727/8	17	Nylon cape	NV3-750
2	Disposable lenses (pack of 50)	NV3-725	10	Cape attachment	NV3-759	18	Inner lining kit	NV3-734
3	Intermediate lenses (pack of 50)	NV3-724	11	Foam kit	NV3-07-733	19	Head padding	NV3-735
4	Inner visor frame	NV3-723	12	Cheek padding	07-732	20	Head clips x4	NV3-734-1
5	Inner lenses (pack of 10)	NV3-722	13	Cheek foam frame	07-731	21	Belt	NV2022
6	Inner seal	NV3-721	14	Adjustable head harness	07-900	22	Helmet air hose	NV2021B
7	Air inlet kit	NV3-729	15	Neck padding	NV3-735-1			
8	Left/right foam connector	NV3-730	16	Belt and air connector	03-101			

REP	DESCRIPTION	REF	REP	DESCRIPTION	REF
1	Disposable lenses (pack of 50)	16-811	7	Zytec shoulder cape	16-721
2	Inner lens	16-810	8	Visor frame	16-611
3	Tinted inner lens	16-810-ST	9	PX5 belt	07-765
4	Visor attachment	16-875	10	Pre-filter (pack of 10)	03-890
5	Head harness	16-531	11	Main filter	03-892
6	Helmet air hose	04-831	12	Battery	03-855

OPERATOR EQUIPMENT

COMMANDER HELMET

REF. A133230-00

★ ADVANTAGES ★

Robust and efficient



CASQUE ASTRO

REF. 02800CE

★ AVANTAGES ★

Simple and efficient



REP	DESCRIPTION	REF	REP	DESCRIPTION	REF
1	Mesh lenses (pack of 50)	A 160123	8	Head harness	A 160210
2	Glass lenses (pack of 100)	A 160761	9	Bisonyl cape with collar	A 000308
3	Polyester lenses (pack of 50)	A 160722	10	Bisonyl cape with collar	A 000308
4	Inner seal	A 160662	11	Belt	A 160695
5	Window	A 001979	12	Hose adaptor	A 001976
6	Complete helmet	A 133230-00	13	Complete air hose	A 002505
7	Air indicator	A160482			

REP	DESCRIPTION	REF	REP	DESCRIPTION	REF
1	Visor kit	02-804	7	Visor attachment	02-805
2	Disposable lenses (pack of 50)	02-816	8	Head harness	02-809
3	Intermediate lenses (pack of 50)	02-811	9	Helmet air hose	NV-2021
4	Inner lenses (pack of 10)	02-810	10	Nylon cape	02-813
5	Inner seal	02-807	11	Belt with air regulator	NV-2016CE
6	Fixing kit	02-806	12	Belt	NV-2022

OPERATOR EQUIPMENT

BLASTING SUIT

Made of leather and cotton.
Delivered with one pair of gloves.

SIZE	REF
S	30700
M	30701
L	30702
XL	30703
XXL	30704
XXXL	30705



NEW BLASTING SUIT

Made of nylon and cotton.

SIZE	REF
S	07-755-S
M	07-755-M
L	07-755-L
XL	07-755-XL
XXL	07-755-XXL



OPERATOR EQUIPMENT

BLASTING GLOVES

Made of leather and cotton.

REF : 30710



BLASTING GLOVES

Rubber gloves, 600 mm length
200 mm hand port size, rough finish
Cotton lining
Pair

SIZE	REF
L 600mm	15611 RGA-600
L 800mm	15611 RGA-800



BLASTING HOOD

Hoods provide protection against excessive rebound and blasting dust.

REF : RPB 05-601
Available in packs of 10



LEATHER BLASTING CAPE

REF : NV2002-L



OPERATOR EQUIPMENT

RUBBER BLASTING BOOTS

Equipped with a steel toe cap and a steel midsole insert, for protection against impacts and penetration.

Standard: EN ISO 20345:2011 S5 SRA

Sizes: 36 – 48

REF : BOTCAOU



LEATHER BLASTING BOOTS

REF : BOTTECUIR

Outsole: HELIUM polyurethane, protective overcap and tread pattern.
Parabolic anti-slip sole, dynamic and anti-fatigue.
Bi-density insert absorbs shocks at the heel area.

Upper: Water-repellent full-grain pull-up leather.
American stitching for better drainage of fluids on the instep.

Lining: Breathable material, resistant to abrasion.

Protective toe cap: Ultra-light polycarbonate, non-magnetic and thermally insulating.



OPERATOR EQUIPMENT

12V LED BLASTING LAMP

800 LUMENS – 12V DC
SUPPLIED WITH A 1.5 M ELECTRICAL CABLE

REF : 29004000



FILTER FOR HELMET BREATHING AIR SUPPLY

Supplied with an air pressure regulator gauge, 2 quick-connect outlet fittings, and an activated carbon cartridge.

REF : 04-900



REPLACEMENT CARTRIDGE

REF : APF 3100



BAF-1 ACTIVATED CARBON FILTER FOR BLASTING HELMET

The portable breathing air filter is designed to remove contaminants such as oils, mixtures, vapors, and excessive moisture from compressed air.

REF : 30400



REPLACEMENT CARTRIDGE

REF : 30401



OPERATOR EQUIPMENT

RPB RADEX CO MONITOR

REF : 08-400-01-EU



Real-time monitoring, visualization, and downloading of your equipment data, with up to 2 years of history. The software allows you to view and download data including alarms, carbon monoxide level, and temperature. Click in real time and check, view, and monitor what is happening minute by minute.

The device can store up to two years of information.

BREATHING AIR CONDITIONER FOR COOLING AND HEATING COMPRESSED AIR

REF :
4000-20CE (hot)
4000-01CE (cold)



RPB HELMET AIR CONDITIONER

2-in-1: hot and cold. Compact and lightweight.

REF : 03-502



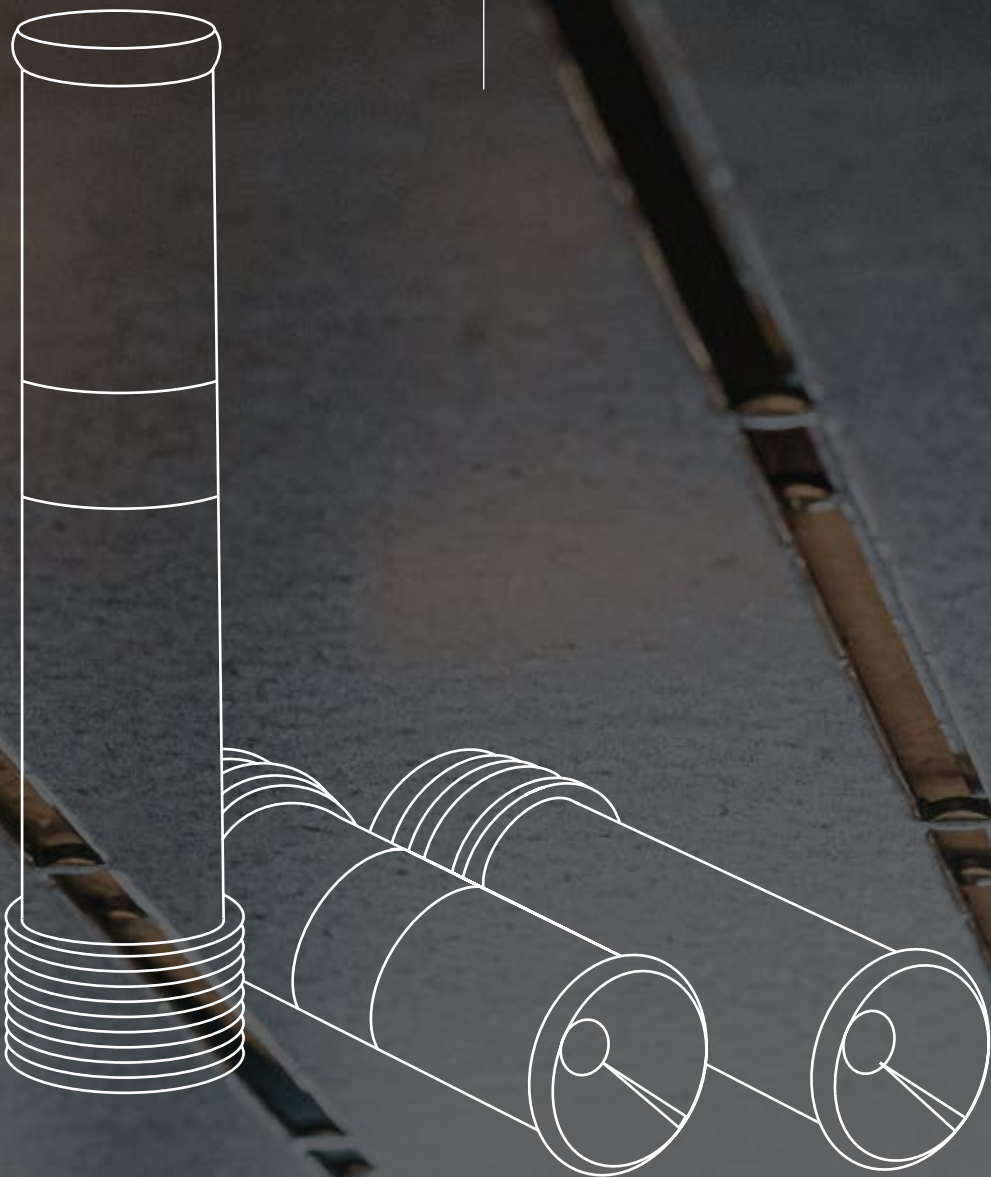
HELMET AIR CONDITIONER

2-in-1: hot and cold. Compact and lightweight.
For COMMANDER helmet only

REF : A150275

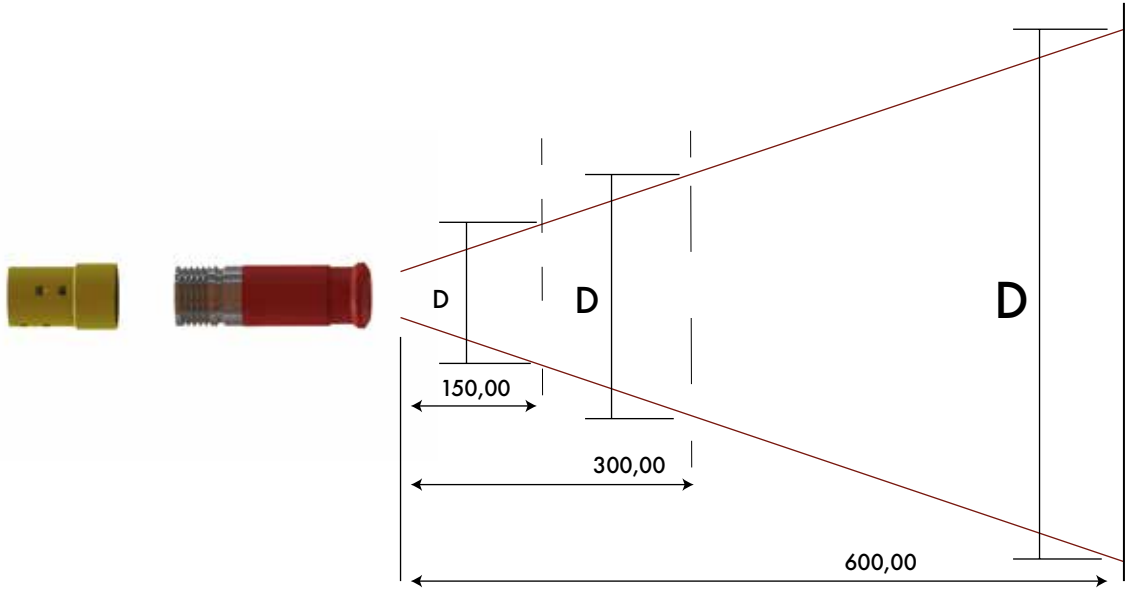


BLASTING NOZZLES



OPTIMIZATION / EFFICIENCY /
SHOT BLASTING

BLASTING NOZZLES CONSUMPTION TABLE



VENTURI NOZZLES					Service conditions	
TYPE	(mm)	DISTANCE NOZZLE-TO-SURFACE (MM)			HOURLY CONSUMPTION	
		150	300	600	kg of abrasive	Air (m³/min)
		Treated area diameter (mm)*				
SHORT	3	20	40	85	63	0,52
SHORT	4	25	50	115	136	1,15
SHORT	6	40	65	125	254	2,08
SHORT	8	50	100	190	420	3,53
SHORT	10	65	125	240	596	4,85
LONG	6	35	65	100	254	2,08
LONG	8	40	80	125	420	3,53
LONG	10	50	115	160	596	4,85
LONG	13	65	145	225	1050	8,65

*theoretical values

BLASTING NOZZLES

TUNGSTEN CARBIDE



RTC NOZZLE SERVICE LIFE: 400H

Plastic and rubber body
Tungsten carbide. 50 mm thread
Inlet diameter: 32 mm

12062 6.5 Venturi, 6.5 mm x 130 mm
12063 8.0 Venturi, 8.0 mm x 150 mm
12064 9.5 Venturi, 9.5 mm x 170 mm
12065 11.0 Venturi, 11.0 mm x 200 mm
12066 12.5 Venturi, 12.5 mm x 210 mm



CTC NOZZLE SERVICE LIFE: 400H

Aluminium and rubber body
Tungsten carbide. 50 mm thread
Inlet diameter: 32 mm

13062 6.5 Venturi, 6.5 mm x 130 mm
13063 8.0 Venturi, 8.0 mm x 150 mm
13064 9.5 Venturi, 9.5 mm x 170 mm
13065 11.0 Venturi, 11.0 mm x 200 mm
13066 12.5 Venturi, 12.5 mm x 210 mm



DVTC DOUBLE VENTURI NOZZLE SERVICE LIFE: 400H

Aluminium and polyurethane body
Tungsten carbide. 50 mm thread
Inlet diameter: 32 mm

12092 6.5 Venturi, 6.5 mm x 130 mm
12093 8.0 Venturi, 8.0 mm x 150 mm
12094 9.5 Venturi, 9.5 mm x 170 mm
12095 11.0 Venturi, 11.0 mm x 200 mm
12096 12.5 Venturi, 12.5 mm x 210 mm

BORON CARBIDE



UBC NOZZLE SERVICE LIFE: 1000H

Aluminium and polyurethane body
Boron carbide. 50 mm thread
Inlet diameter: 32 mm

13082 6.5 Venturi, 6.5 mm x 130 mm
13083 8.0 Venturi, 8.0 mm x 150 mm
13084 9.5 Venturi, 9.5 mm x 170 mm
13085 11.0 Venturi, 11.0 mm x 200 mm
13086 12.5 Venturi, 12.5 mm x 210 mm



DVBC DOUBLE VENTURI NOZZLE SERVICE LIFE: 1000H

Aluminium and polyurethane body
Boron carbide. 50 mm thread
Inlet diameter: 32 mm

12042 6.5 Venturi, 6.5 mm x 130 mm
12043 8.0 Venturi, 8.0 mm x 150 mm
12044 9.5 Venturi, 9.5 mm x 170 mm
12045 11.0 Venturi, 11.0 mm x 200 mm
12046 12.5 Venturi, 12.5 mm x 210 mm

BLASTING NOZZLES



STC NOZZLE SERVICE LIFE: 400H

Plastic and rubber body
Tungsten carbide. 50 mm thread
Inlet diameter: 32 mm

- 12570 5.0 Venturi, 6.5 mm x 80 mm
- 12571 6.5 Venturi, 6.5 mm x 80 mm
- 12572 8.0 Venturi, 8.0 mm x 80 mm
- 12573 9.5 Venturi, 9.5 mm x 80 mm
- 12574 11.0 Venturi, 11.0 mm x 80 mm



360° L PTC NOZZLE SERVICE LIFE: 400H

Aluminium body
Inlet diameter: 32 mm
Tungsten carbide. 50 mm thread

- 12595 5.0 5.0 mm x 200 mm
- Deflector
- 29002001 — replaceable deflector for 360° PTC



360° PTC NOZZLE SERVICE LIFE: 400H

Aluminium body
Inlet diameter: 32 mm

- 12510 8.0 8.0 mm x 75 mm
- Deflector
- 12519 — replaceable deflector for 360° PTC



ATC ANGLE NOZZLE SERVICE LIFE: 400H

Aluminium body
Inlet diameter: 32 mm
Tungsten carbide. 50 mm thread

- | | |
|-------------------|-------------------|
| 12511 5.0-1 1°45° | 12523 8.0-2 2°45° |
| 12512 6.5-1 1°45° | 12524 9.5-2 2°45° |
| 12513 8.0-1 1°45° | 12531 5.0-3 3°45° |
| 12514 9.5-1 1°45° | 12532 6.5-3 3°45° |
| 12521 5.0-2 2°45° | 12533 8.0-3 3°45° |
| 12522 6.5-2 2°45° | 12534 9.5-3 3°45° |



MTC NOZZLE SERVICE LIFE: 400H

Aluminium body
Tungsten carbide. 50 mm thread
Inlet diameter: 32 mm

- 12560 5.0 Venturi, 6.5 mm x 80 mm
- 12561 6.5 Venturi, 6.5 mm x 80 mm
- 12562 8.0 Venturi, 8.0 mm x 80 mm
- 12563 9.5 Venturi, 9.5 mm x 80 mm
- 12564 11.0 Venturi, 11.0 mm x 80 mm

BLASTING NOZZLES



BTC 45° ANGLE NOZZLE SERVICE LIFE: 400H

Aluminium and polyurethane body
Tungsten carbide. 50 mm thread
Inlet diameter: 50 mm

12583 9.5 Venturi, 9.5 mm x 125 mm
12584 11.0 Venturi, 11.0 mm x 125 mm
12585 12.5 Venturi, 12.5 mm x 125 mm



NTC NOZZLE SERVICE LIFE: 400H

Aluminium and polyurethane body
Tungsten carbide. 29 mm thread
Inlet size: 3/4

12550 3.5 3.5 mm*45 mm
12551 5.0 5.0 mm*45 mm
12552 6.5 6.5 mm*45 mm
12553 8.0 8.0 mm*45 mm

* Available on request with fine thread.



ADAPTER FOR WBA NOZZLE SERVICE LIFE: 400H

Aluminium body
Tungsten carbide. 50 mm thread

12000 — WBA wet blasting nozzle



WBN NOZZLE SERVICE LIFE: 400H

Aluminium body
Tungsten carbide. 50 mm thread
Inlet diameter: 32 mm

12002 6.5 mm
12003 8.0 mm
12004 9.5 mm

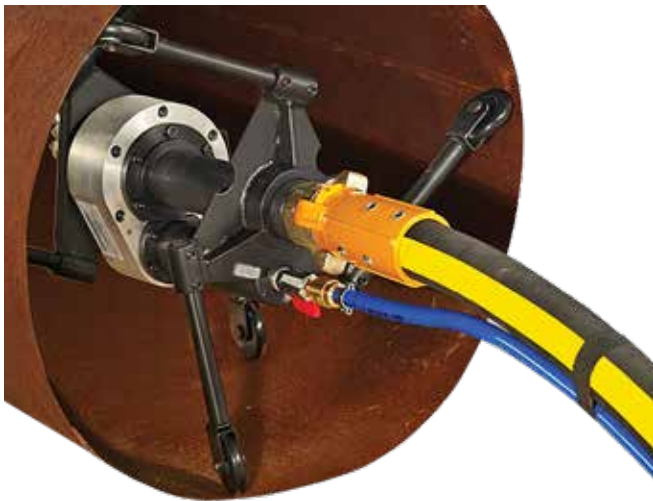
BLASTING NOZZLES



PBT-1 NOZZLE

12.5 boron carbide nozzle
For the inside of pipes from 75 mm to 300 mm.
Supplied complete — ready to use.

REF : 12600



PBT-2 NOZZLE

Supplied complete — ready to use.

REF.: 12700 — for the inside of pipes from 300 mm to 900 mm.

SIZE	REF
8.0 mm	12703
9.0 mm	12704



EDUCT-O-MATIC PORTABLE DUST-FREE BLASTING SYSTEM

Portable blasting system — supplied
complete — ready to use, with 6 different
tips and a dust collection bag.

REF : 12800

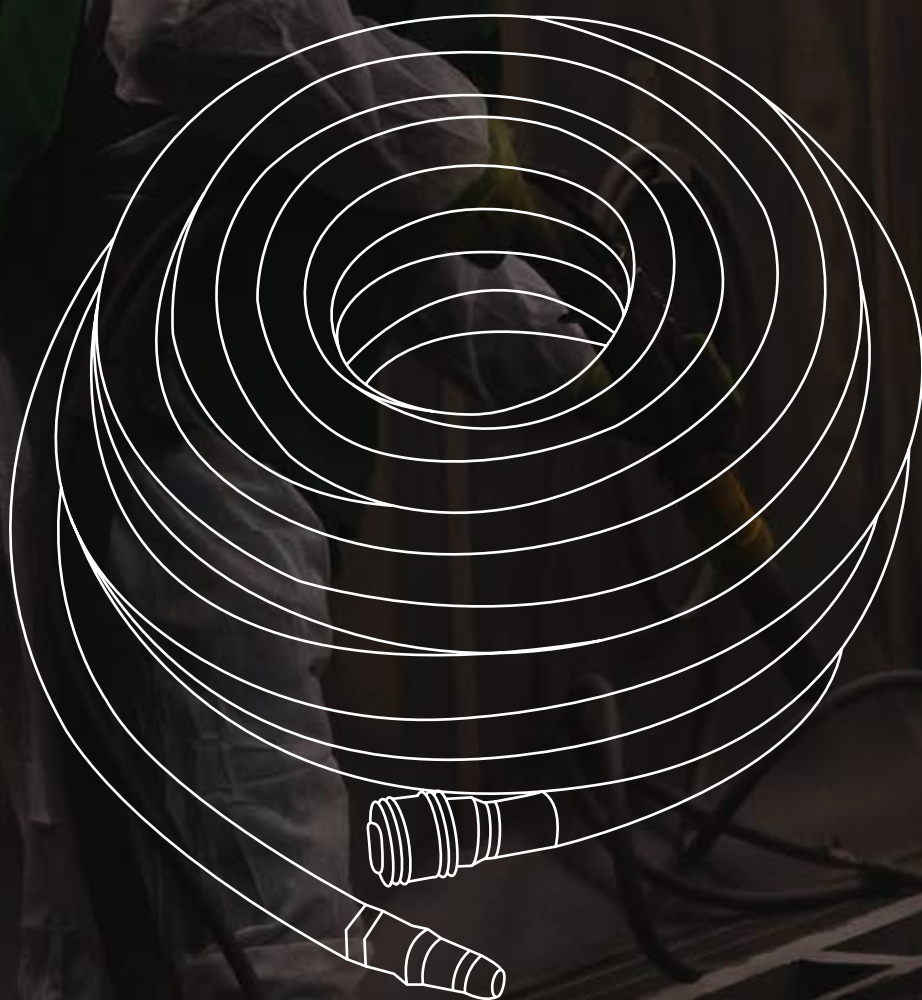


POWER GUN PORTABLE SUCTION BLASTING SYSTEM

Portable blasting system — supplied
complete — ready to use, with 5 m
hose.

REF : 12900

HOSES AND FITTINGS



ROBUST / CONVEYING /
SHOT BLASTING



HELMET AIR HOSE

Available only in coils of 20 or 40 meters

REF :
30909 20m
30900 40m



REMOTE CONTROL HOSE

Available only in coils of 20 or 40 meters

REF :
capdouble20
capdouble40



REINFORCED BLAST HOSE

Temperature: -35°C / +80°C
Available only in coils of 20 or 40 meters

SIZE	REF
13/27	1327
19/33	1933
25/39	2539
32/48	3248



HEAVY-DUTY HOSE FOR TOUGH APPLICATIONS SUCH AS BLASTING (AIRFLEX)

Available only in coils of 20 or 40 Max
pressure: 36 bar

SIZE	REF
25/39	51003
32/48	51004

HOSES AND FITTINGS

COUPLINGS



**RACCORDS STEEL
HOSE COUPLINGS**

DIAM	REF
13*27 mm	12319
25*39 mm	12311
32*48 mm	12312



**COUPLINGS FOR
NYLON HOSE**

DIAM	REF
13*27 mm	12309
19*33 mm	12300
25*39 mm	12301
32*48 mm	12302



**BLAST POT OUTLET
COUPLINGS**

REF : 10900

GASKET FOR ALL COUPLINGS

Gaskets are available depending on your application.

REF : 10980

NOZZLE HOLDER



**NYLON NOZZLE
HOLDER**

TAILLE	REF
13*27 mm	12209
19*33 mm	12200
25*39 mm	12201
32*48 mm	12202



**STEEL NOZZLE
HOLDER**

TAILLE	REF
13*27 mm	
19*33 mm	
25*39 mm	OX1042
32*48 mm	OX1043



**NOZZLE HOLDER
GASKET**

TAILLE	REF
13*27 mm	12208
19*33 mm	12207
25*39 mm	12203
32*48 mm	12204



**COUPLINGS
FOR REMOTE
CONTROL
HOSE**

REF :
12402 - F
12401 - M

HOSES AND FITTINGS



**SAFETY CABLE FOR
BLAST HOSES**

REF :
12321 hose 1" (19-32 mm)
12322 hose 1" 1/4 - 3" (38-79 mm)



**RUBBER-
LINED 90° T
FITTING (FFF)**

1" 1/4
REF.: 10948



CLAMP COUPLING

Custom size available on request.



**RUBBER-LINED
45° Y FITTING
(FFF)**

1" 1/4
REF.: 10990



**RUBBER-LINED MALE
NIPPLE (MM)**

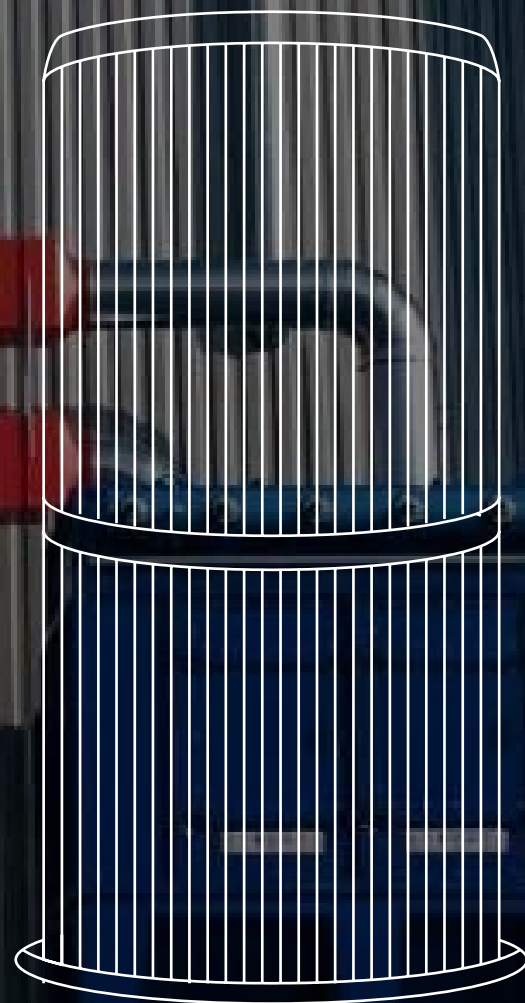
Nipple 1" 1/4
REF : 10911



**RUBBER-LINED HOSE
ROLL 100 m (MM)**

1" 1/4
REF.: 10921

DUST EXTRACTION FILTERS



FILTRATION / EXTRACTION / INCREASED PRODUCTION

We manufacture custom-made filters of all types: frames, cartridges, and filter panels.

Our commitments:



CONTACT

Personalized support, with your quotation provided within 24 hours.



VERY SHORT LEAD TIMES

Thanks to a large storage capacity, combining both raw materials and products (frames, bag filters, cartridge filters in standard market sizes), and thanks to a fully integrated production system, we are able to maintain full control over lead times.



CUSTOM MANUFACTURING OF YOUR FILTERS

Paint booth filters, filter cartridges, bag filters, cartridge filters, metal filters, industrial filters, etc.

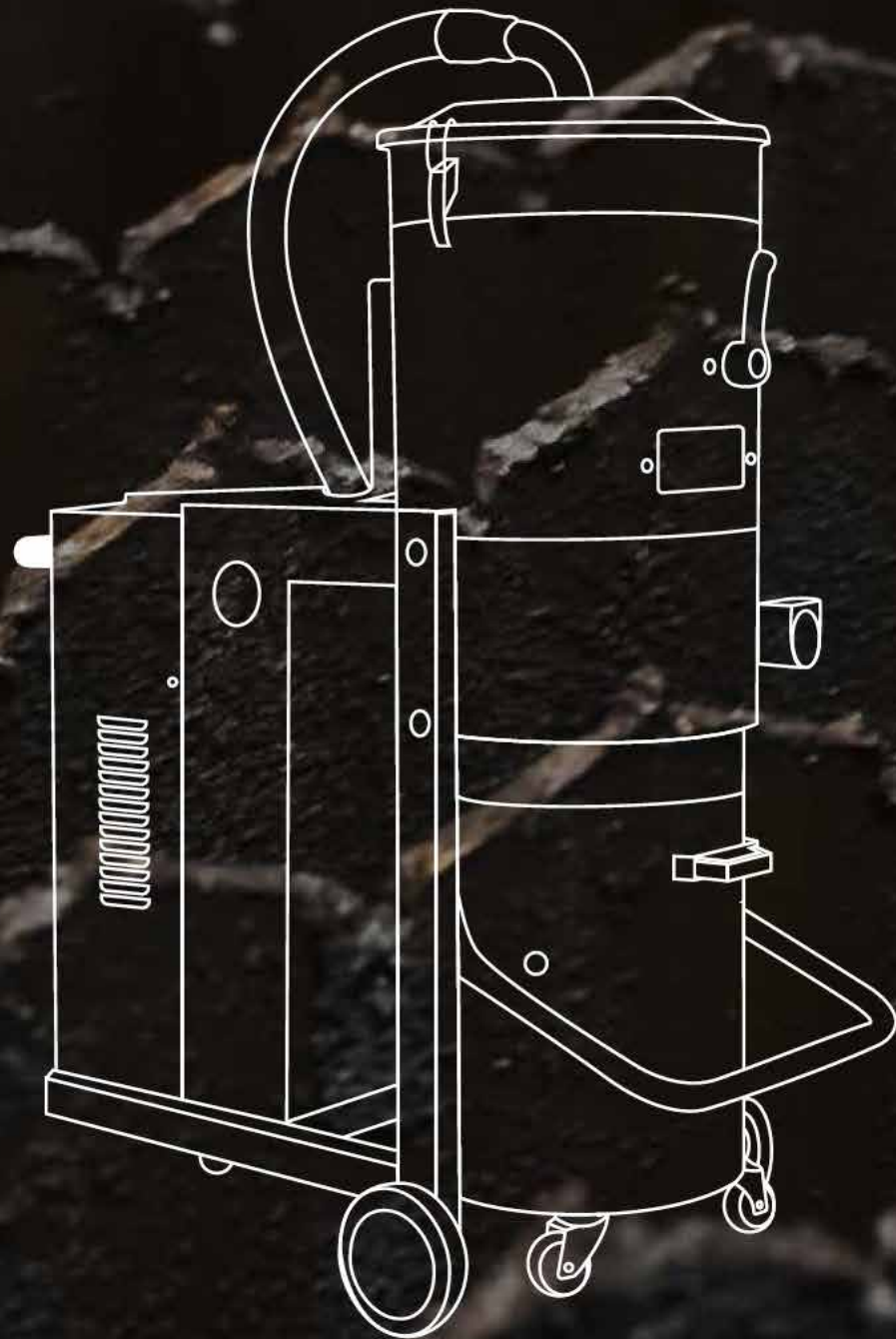


QUALITY

All our products are inspected throughout the entire production process and have been ISO 9001 certified since 2011.



ABRASIVE RECYCLING & RECOVERY

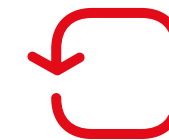


SHOT / VACUUM / RECYCLING

ADVANTAGES



Cost optimization



Material recycling



**Suitable for all types of
abrasives**

ABRASIVE RECYCLING & RECOVERY

ELECTRIC VACUUM UNIT

For abrasive recovery

Very high vacuum level for extracting heavy materials

100 L collection capacity

Separation of dust, granules, and recovered shot



MECHANICAL BUCKET ELEVATOR

For the recovery and recycling of
stripping agents

400 L hopper

Lifting capacity: 800 kg/min

Motor: 2.2 kW

Pneumatic vibrating screen

Maintenance platform



GLOVE BOX BLASTING CABINETS



SHOT BLASTING / RAW MATERIALS /
SMALL PARTS

COMPLETE BLASTING UNIT

SL models are equipped with a self-contained dust collector featuring increased maximum ventilation capacity, a large filter, a pulse-jet cleaning system, and rubber curtains on the internal cabin walls. Many models are available depending on your application.



BLASTING CABINET INTERIOR

Pressure blasting cabinets are designed for industrial use. They allow multiple blasting applications such as cleaning, trimming, deburring, finishing, shot peening, and decorative blasting. Built for long-term industrial use and for applications involving fine or very fine abrasives. Many models are available depending on your application.



GLOVE BOX BLASTING CABINETS

SPECIAL SERIES

SERIES V – MANUAL VACUUM (NEGATIVE PRESSURE) CABINET

Equipped with a cyclone system for continuous abrasive recovery and regeneration.
Machine specially designed for the following applications:

- Contaminant cleaning
- Shot peening (surface hardening)
- Satin finishing for aesthetic appearance
- Surface satin finishing
- Deburring
- De-oxidizing
- Paint stripping
- Paint removal

DIMENSIONS (W × D × H)	REF
700x500x500 H	V0
900x600x600 H	V1
1100x850x750 H	V2
1500x1200x900 H	V3



SERIES VP – MANUAL PRESSURIZED (POSITIVE PRESSURE) CABINET

Equipped with a cyclone system for continuous abrasive recovery and regeneration, rubber-lined interior walls, dual regulation allowing the use of two abrasive sizes, with cartridge filters model F6C-21.6 and a 4 HP vacuum unit.
Machine specially designed for the following applications:

- Contaminant cleaning
- Shot peening (surface hardening)
- Satin finishing for aesthetic appearance
- Surface satin finishing
- Deburring
- De-oxidizing
- Paint stripping
- Paint removal

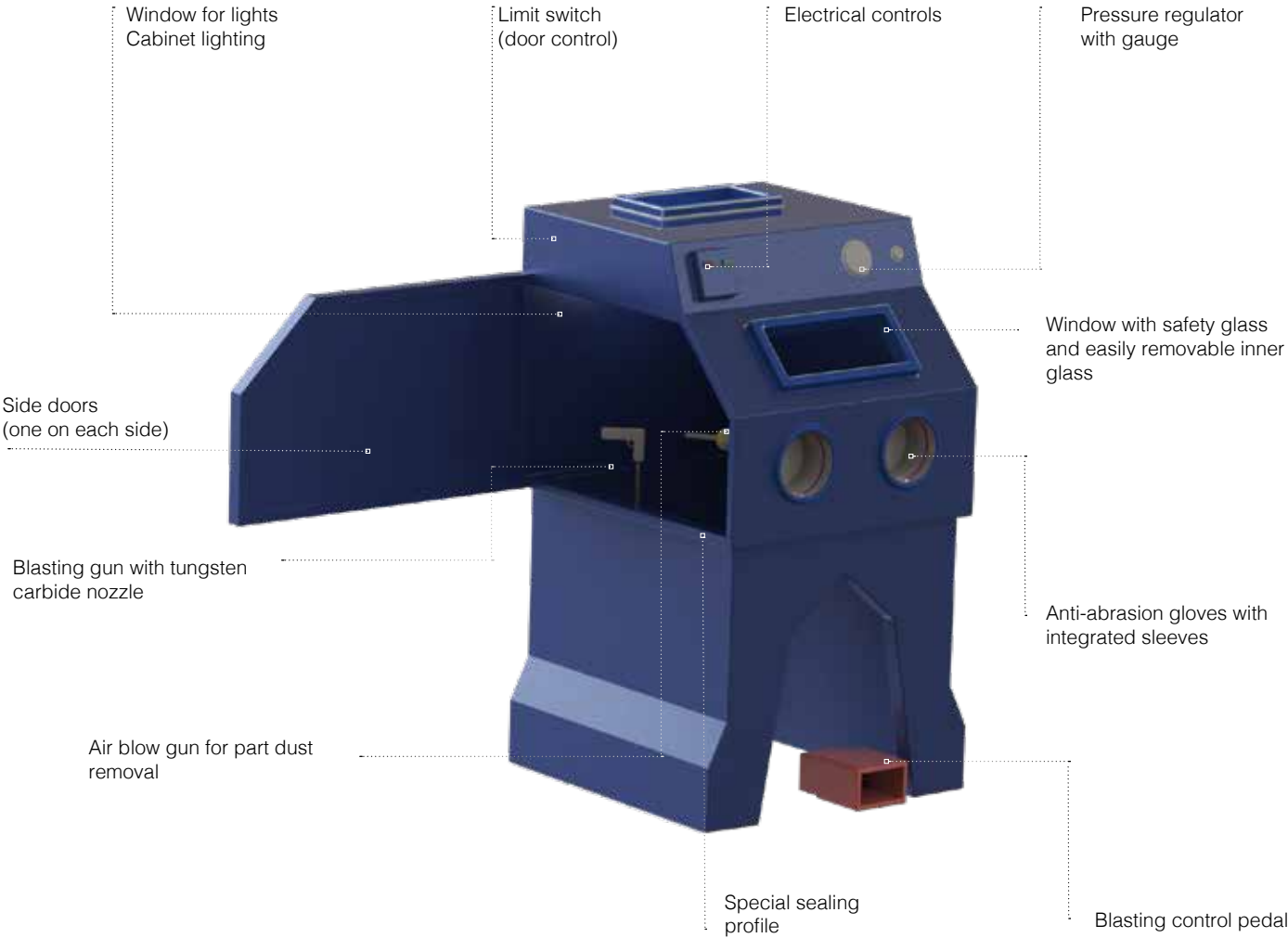
DIMENSIONS (W × D × H)	REF
900x600x600 H	VP1
1100x850x750 H	VP2
1500x1200x900 H	VP3



GLOVE BOX BLASTING CABINETS

SPECIAL SERIES

SERIES V CABINET – COMPONENTS



SERIES VP CABINET – COMPONENTS



CUSTOM

Industrie Sablage blasting cabinets provide a safe and clean working environment for your blasting operations. They are designed and manufactured to order to meet your specific requirements.

We study and develop engineering solutions tailored to your needs, down to the smallest details.

From simple, cost-effective units to complete high-efficiency dust recovery systems, the economic requirements of your blasting station are fully met.



CUSTOM-MADE / PRECISION / PERSONALIZATION /
PRODUCTION OPTIMIZATION

INSTALLATIONS

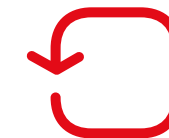


MANUAL POWDER COATING

ADVANTAGES



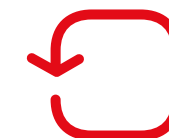
AUDIT



REPAIR



SPARE PARTS



TRAINING

TECHNOLOGIES / INNOVATIVE /
ENGAGED

MANUAL POWDER COATING

Inocart VT / VT2

Complete equipment with vibrating table for fast and frequent color changes.



Inocart H / H2

Complete equipment with fluidized tank for high production and complex powders.



Inocart HF & Inocart NDT

Fully equipped with a pressure tank.
2 versions available -:
NDT very low flow rate for penetrant testing (as low as 3g/mn),
HF very high flow rate, 1200g/mn, high film build.



SPECIFICATIONS DETAIL FOR EACH EQUIPMENT

Designation	Inocart VT	Inocart H	Inocart HF	Inocart NDT
Air Supply Pressure	7 bar (+/- 1) (101.5 psi)			
Air Consumption	2 - 10 m³/h (1.1 - 5.9 cfm)		5 - 12 m³/h (2.9 - 7 cfm)	
Standar flow rate ⁽¹⁾	50 to 450 g/min. (15.8 oz/mn)		100 to 1200 g/min. (42 oz/mn)	3 to 50 g/min. (1.75 oz/mn)
Box or Hopper Capacity	15 l (3.96 gal)	50 l (12.5 gal)	24 l (6.35 gal)	15 l (3.96 gal)
Height	1230 mm (48.4 in)			
Width	490 mm (19.2 in)			
Length	630 mm (25 in)	670 mm (26.4 in)	710 mm (28 in)	
Approximate weight (without powder)	42 kg (92.5 lbs)	42 kg (92.5 lbs)	45 kg (99 lbs)	40 kg (82 lbs)
CONTROL MODULE	Inobox VT	Inobox H	Inobox NF	Inobox NF
Maximum Air Pressure	7 bar (+/- 1)			
Protection index	IP64 - Degree of pollution: 2			
Power supply	100 VAC at 240 VAC / 50 Hz - 60 Hz			
Maxi input power	105 W at 230 VAC			
Fluidization air flow rate plunger tube	0.4 m³/h	-	4.8 m³/h max.	
Tank fluidization air flow rate	-	2.1 m³/h		
Electrode blowing	0.1 m³/h	0.1 m³/h		
Powder coating	6.5 m³/h	8.5 m³/h		
In cleaning	9.5 m³/h	9.5 m³/h		
Air consumption of Fast Clean at 7bar	7 l/s per pulse	-		

(1): it depends on the type of powder hose and maximum 30 gr/min with dry penetrant powder.

MANUAL POWDER COATING

Inocart VT

Inocart VT is a simple and complete manual solution for applying powder. Partnering the Inogun M spray gun and the Inobox control module enhances the user's experience. It contains a user-friendly interface with advanced ergonomic functions to help maintain the focus on the powder application and the finish quality.

- Fast color changes: Under 25 seconds to clean
- Efficient powder transfer: TEC5 technology
- Easy to operate: 2 minutes from training to production



Equipped
Inocart VT

Pack
Inogun M

Equipped
Inocart VT2

PERFORMANCE

1. Constant and stable spray pattern for a smooth and even application
1. Well-balanced gun for easy maneuvering
2. Three factory presets for quick start. 99 customer presets available to meet production requirements
2. Inobox height can be easily adjusted for reading
 - TEC5 technology delivers high-quality finish
 - No puffing

PRODUCTIVITY

1. Powerful cascade providing a strong wraparound effect
2. Advanced HV control for excellent penetration of complexshaped parts
2. Simple and instant control of powder flow rate
3. Electric vibrating table
4. Self-locking hook to maintain the gun and the pump during cleaning
5. Dedicated foot rest to easily move the Inocart
 - High transfer efficiency to reduce processing time

SUSTAINABILITY

1. Unsurpassed cascade performance lifetime
2. All wear parts are monitored on the controller to encourage proper preventative maintenance
6. Designed for industrial use
 - Built with proven and high-quality components



MANUAL POWDER COATING EQUIPMENT

Description	Number of guns	Low voltage cable (m)		Powder hose (m)(ø11x16 mm)		Part Number
		6	12	6	12	
Equipped Inocart VT	1	✓	-	✓	-	910029950
	1	-	✓	-	✓	910029950-12
Equipped Inocart VT2 ⁽¹⁾	2	✓	-	✓	-	910030364
		✓	-	-	✓	
Equipped Inocart VT+ ⁽²⁾	1	✓	-	✓	-	910033422
	1	-	✓	-	✓	910033422-12

MANUAL POWDER COATING

Inocart H

Inocart H is a simple and complete manual solution with a fluidized hopper for spraying powder. Partnering the Inogun M spray gun and the Inobox control module enhances the user's experience. It contains a user-friendly interface with advanced ergonomic functions to help maintain the focus on the powder application and the finish quality.

- Highest finishing quality: High fluidization for smooth and constant application of difficult powders
- Efficient powder transfer: TEC5 technology
- Easy to operate: Less than 2 minutes from training to production



					
Inocart H + Inobox H	Inogun M	Inogun M	Powder hose	Inobox VT Wall support	CS130 with fluidized tube
Equipped Inocart H		Pack Inogun M			
Equipped Inocart H2					

PERFORMANCE

1. Constant and stable spray pattern for a smooth and even application
1. Well-balanced gun for easy maneuvering
2. Three factory presets for quick start. 99 customer presets available to meet production requirements
2. Inobox height can be easily adjusted for reading
- TEC5 technology delivers high-quality finish
- No puffing

PRODUCTIVITY

1. Powerful cascade providing a strong wraparound effect
2. Advanced HV control for excellent penetration of complexshaped parts
2. Simple and instant control of powder flow rate
3. Smooth powder flow with low velocity due to the fluidized hopper
4. Self-locking hook to maintain the gun and the pump during cleaning
5. Dedicated foot rest to easily move the Inocart
- High transfer efficiency to reduce processing time

SUSTAINABILITY

1. Unsurpassed cascade performance lifetime
2. All wear parts are monitored on the controller to encourage proper preventative maintenance
3. Stainless steel hopper for industrial use
6. Designed for industrial use
- Built with proven and high-quality components

MANUAL POWDER COATING EQUIPMENT

Description	Number of guns	Low voltage cable (m)		Powder hose (m)(ø11x16 mm)		Part Number
		6	12	6	12	
Equipped Inocart H	1	✓	-	✓	-	910030365
	1	-	✓	-	✓	910030365-12
Equipped Inocart H2 ⁽¹⁾	2	✓	-	✓	-	910030366
		✓	-	-	✓	
Equipped Inocart H+ ⁽²⁾	1	✓	-	✓	-	910033423
	1	-	✓	-	✓	910033423-12

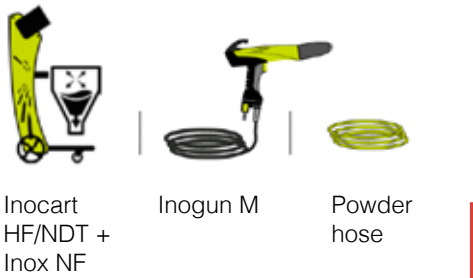


MANUAL POWDER COATING

Inocart HF Inocart NDT

Inocart HF is a simple and complete manual solution for applying thermoplastic and anti-corrosion powders. Inocart NDT is a simple and complete manual solution for Non-Destructive Testing (NDT). Using the Inogun M spray gun and the Inobox control module, it enhances the user's experience with a friendly interface and advanced ergonomic functions to stay focused on applying powders.

- High powder flow for extreme film builds : Up to 1.2 kg/min
- Very low and stable powder flow (as low as 3g/mn): Exclusive pressure tank
- Easy to operate : Less than 2 min. from training to production



Inocart
HF/NDT +
Inox NF

Inogun M

Powder
hose

Equipped Inocart HF & NDT

PERFORMANCE

1. Constant and stable spray pattern for a smooth and even application
1. Well-balanced gun for easy maneuvering
2. Three factory presets for quick start. 99 customer presets available to meet production requirements
2. Quick and easy adjustment of the Inobox height for easy information reading
3. Capable of very low and regular flow with low speed due to the pressure tank
- TEC5 technology delivers high-quality finish
- No puffing

PRODUCTIVITY

1. Powerful cascade providing a strong wraparound effect
2. Advanced HV control for excellent penetration of complexshaped parts
4. Simple and instant control of the powder flow rate by a shutter lever
5. Self-locking hook to maintain the gun and the pump during cleaning
6. Dedicated foot rest to easily move the Inocart
- High transfer efficiency to reduce processing time

SUSTAINABILITY

1. Unsurpassed cascade performance lifetime
2. All wear parts are monitored on the controller to encourage proper preventative maintenance
7. Designed for industrial use
- Built with proven and high-quality components

MANUAL POWDER COATING EQUIPMENT

Description	Number of guns	Low voltage cable (m)		Powder hose (m) ø9 x 13 mm : HF ø6 x 10 mm : NDT		Part Number
		6	12	6	12	
Equipped Inocart HF	1	✓	-	✓	-	910030367
		-	✓	-	✓	910030367-12
Equipped Inocart NDT	1	✓	-	✓	-	910030369
		-	✓	-	✓	910030369-12
Equipped Inocart NDT+ ⁽¹⁾	1	✓	-	✓	-	910033424
		-	✓	-	✓	910033424-12

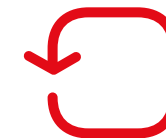


AUTOMATIC POWDER COATING

ADVANTAGES



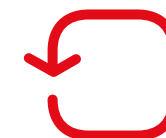
PRODUCTIVITY



COST EFFICIENCY



QUALITY



AUTOMATION

TECHNOLOGIES / INNOVATIVE /
ENGAGED

AUTOMATIC POWDER COATING

Inogun A range

INOGUN A

Projector equipped with an adjustable support arm. It can be easily integrated into all existing cabins or new installations.



INOGUN A FCC

Dedicated spotlight for a quick color change booth. Its design assembly delivers perfect cleaning in a very short timeframe.



SPECIFICATIONS DETAIL FOR EACH EQUIPMENT

GUN	Inogun A	Inogun A FCC
Air Consumption	2 - 10 m ³ /h	
Powder flow ⁽¹⁾	450 gr/mn (63.7 oz/mn)	
Length (gun only)	460 mm (18.1 in)	
Length Inogun A - tube Ø30mm	1046 mm (41.2 in)	-
Length Inogun A FCC - tube Ø40mm	-	1423 mm (56 in)
Width	49 mm (1.9 in)	
Height	69 mm (2.7 in)	
Weight	650 g (23 oz)	
Max voltage	100 kV (0 kV, -10 kV)	
Max current	110 µA (+ or - 10 µA)	
Ambient temperature during operations	0° to 40°C	
Relative Humidity Max	80 %	
CONTROL MODULE	Inocontroller	
Air feeding pressure	7 bar (+/- 1)	
Weight	2.84 kg	
Protection index	IP20	
Using voltage : VLSV ⁽²⁾	24 VDC (min. 21.6 VDC - max. 26.4 VDC)	
Maxi input power	40 W @ 24V DC	

(1): It depends on the type of powder hose

(2): Very Low Safety Voltage : A +24 VDC LPS (Limited Power Source) supply is recommended to supply the Inocontroller module.

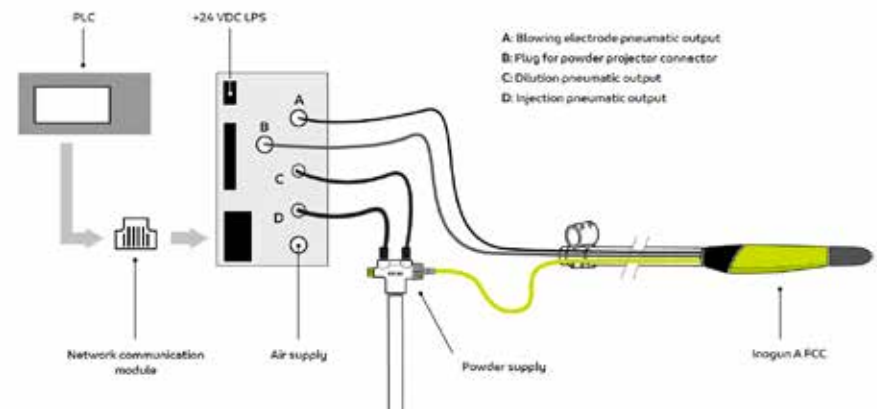
THE EQUIPMENT

The Inocontroller is a control module for controlling the automatic Inogun A projector or the manual Inogun M spray gun.

The Inogun A projector or the Inogun M spray gun have the function of projecting the electrically charged powder by means of a high voltage unit integrated into the barrel and delivering up to 100kV and 110 µA.

The Inocontroller manages, by microcontroller, the control of the high voltage unit and 3 proportional solenoid valves. In return, a reading of the high voltage and current is performed, as well as the flow of the 3 proportional solenoid valves. The Inocontroller is controlled by a PLC network and accessible for Sames maintenance via USB connection.

For instance:
Synoptic of an installation with an Inogun A FCC



DESCRIPTION

Automatic applicators are used for applying powder to large batches to obtain high transfer efficiency with optimum finish quality.

The automatic spray gun is available in two models:

Inogun A

Equipped with a support arm (metal bar) onto which the Inogun-A is attached: it can be changed or fitted quickly and easily to all existing booths. In this version, the assembly may also be fitted onto new installations.

Inogun A FCC

This version is dedicated to quick color change booth. Its profiled assembly means that it may be cleaned perfectly in a very short time. The rear casing of the spray gun is screwed onto the support arm. This diameter is constant along the entire length. It provides the most efficient color change. The tubular arm is also used to channel the hoses and the electrical connections directly and tidily to the rear of the sprayer.



AUTOMATIC POWDER COATING

Inogun A Inogun A FCC

The Inogun A or Inogun A FCC sprayer gather all Sames's knowledge and expertise to provide the best electrostatic technology for the application of powder in automatic booths.

- Lifetime finish quality: Long life cascade durability and HV performance
- Efficient powder transfer: TEC5 technology
- Reduced downtime: Quick gun change in less than 1 minute

PERFORMANCE

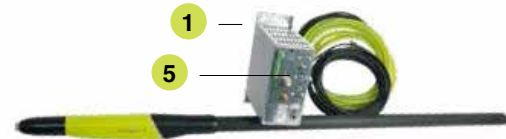
1. Easy and accurate settings for voltage and current
 2. Constant and stable spray for a smooth and even application
- TEC5 technology offers a high-quality finish
 - Fast color change without cross-contamination

PRODUCTIVITY

3. Wide range of adapted nozzles for optimal application
4. Powerful cascade providing a strong wraparound effect
5. Advanced HV control for excellent penetration in recessed areas
5. Widest fieldbus communication protocols for the INOCONTROLLER
 - Modular gun design for an easy integration
 - High transfer efficiency to reduce additional manual work

SUSTAINABILITY

3. Highly abrasion-resistant nozzles
 4. Heavy-duty electrostatic cascade
 6. Quick disconnect in 1 minute, only 1 operator needed to change gun
- Robust design



AUTOMATIC POWDER COATING EQUIPMENT

Description	Low voltage cable (m)	Powder hose (m)	Nb. gun(s)	Inobox NF ⁽¹⁾	Inocontroller	CS130	CS217 ⁽²⁾	CSV230 ⁽²⁾	Part Number
Equip. Inogun A ⁽³⁾	20	-	1	-	-	-	-	-	910028713
Equip. Inogun A FCC ⁽³⁾	30	-	1	-	-	-	-	-	910028715
Integrator kit Inogun A	20	15 (ø11x16 mm)	1	-	✓	✓	-	-	910028695
		15 (ø11x13 mm)	1	✓	-	✓	-	-	910030626
		15 (ø11x16 mm)	1	✓	-	-	✓	-	910034601
	30	10 (ø11x10 mm)	1	✓	-	-	-	✓	910030061
Integrator kit Inogun A FCC	30	15 (ø12x17 mm)	1	-	✓	✓	-	-	910028696
		15 (ø11x13 mm)	1	✓	-	✓	-	-	910030577
		15 (ø11x16 mm)	1	✓	-	-	✓	-	910034602
	10 (ø11x10 mm)	1	✓	-	-	-	✓	-	910030062
Inocontroller module ⁽⁷⁾ (connection kit included)									910028596
(7): Network communication module not included: P/N: 110002470 Ethernet IP / P/N: 110002391 Profibus / P/N: 110002472 CC-link / P/N: 110002473 Profibus / P/N: 110002640 EtherCAT									
Inobox NF module									910030576
Kit support installation rack 19" pour 1 Inobox									130002186
Kit support installation rack 19" pour 2 Inobox									130002187

OPTION NOZZLES

Description	Deflector			Lenght	Part Number	
	Nozzle support	Round spray	Flat spray		Round spray	Flat spray
Round spray electrode support	✓	-	-	-	910027641	-
Round spray deflector	-	ø12 mm	-	-	1411500	-
		ø16 mm			1409259	
		ø20 mm			1409260	
		ø25 mm			1411993	
		ø16 mm HD ⁽¹⁾			900006026	
		ø20 mm HD ⁽¹⁾			900006027	
Flat spray electrode support	✓	-	-	-	-	910027640 ⁽¹⁾
Flat spray deflector	-	-	Medium (grey)	-	-	900016321 ⁽¹⁾
			Narrow (green)			900019952
			Large (black)			900020796
60° nozzle adapter for flat or round spray	✓	-	-	-	910029247	
90° nozzle adapter for flat or round spray	✓	-	-	-	910029270	
Extended nozzle	-	-	-	150 mm	910028576	910028485
				300 mm	910028575	910028486
				450 mm	910030962	910032772
				600 mm	910029099	910032773
				1050 mm	910031754	-
				1500 mm	910032437	-
Large flat spray deflector for extension nozzle - Option					-	900021864
Narrow flat spray deflector for extension nozzle - Option					-	900020896
Medium flat spray deflector for extension nozzle - Option					-	900021863
Counter electrode for automatic gun					910028711	
Kit for converting a flat spray into a round spray					910032710	
Kit for converting a round spray into a flat spray					910032709	



AUTOMATIC POWDER COATING

Inobell

InoBell is a rotating electrostatic powder bell sprayer that delivers high performance, excellent finishing quality & easy integration.

It allows the application of powder paint on all types of surfaces with a particular effectiveness on flat surfaces.

- High transfer rate
- Easy maintenance
- Easy integration
- Excellent finishing quality

THE EQUIPMENT

The **INOPELL** sprayer is equipped with a mechanical bearing turbine. It may have a fixed mounting due to its large impact or on a reciprocator.

This sprayer is piloted by the TCR module module (1). It manages the rotation speed of the turbine used to spray powder coatings at all times on the digital display on the front face. This module is equipped with a grounded cable, a plug for local command and two connections (2) to control the spray gun and a sensor to measure the speed of rotation.

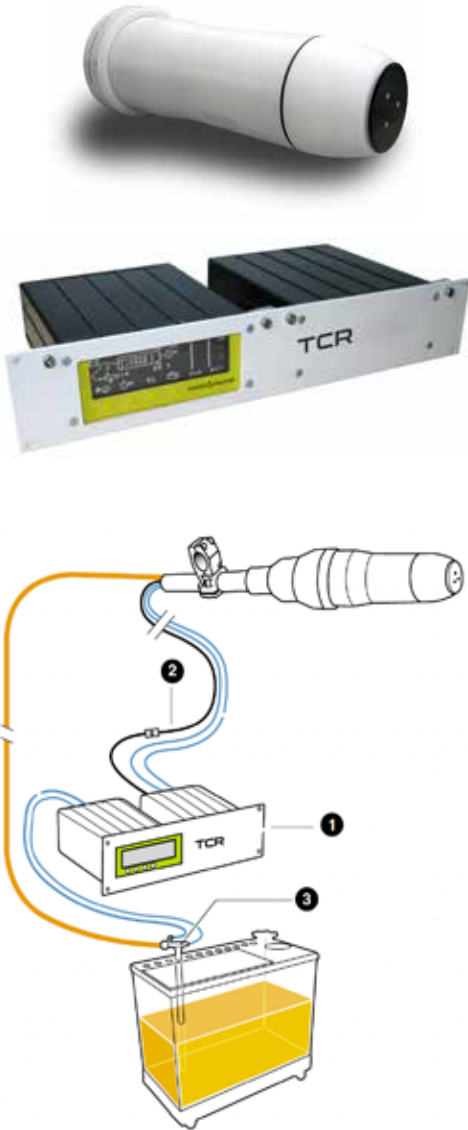
The powder supply is made thanks to a CS130 powder pump (3).

The powder is brought to high voltage by contact with the bell cup through an integrated high voltage unit into the sprayer. The low voltage is supplied through a specific cable (2) connected inside the INOBELL.

CONTROL MODULE THAT CONTROLS EVERYTHING

- Accessible and user friendly,
- Adjustment of all functions on screen,
- Simplified adjustment of powder flow rates,
- Adjustment of air shroud (variable impact),
- Turbine rotation is pre-set and controlled,
- 9 spray presets,
- 2 operating modes available:
 - Local mode (screen and/or piloting by wire connected triggers),

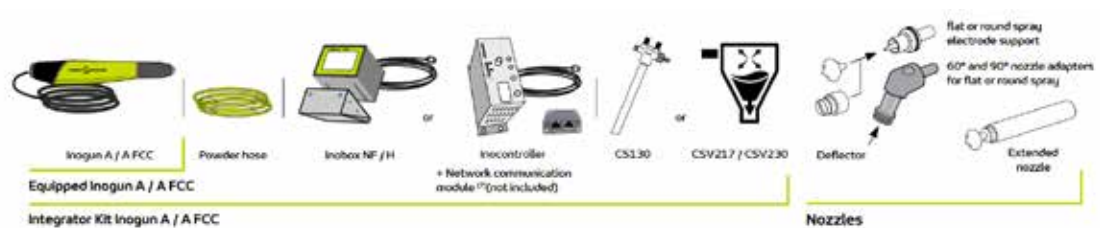
- Remote mode (monitoring via a series connection),
- Storing of parameters,
- Easy to wire in,
- Clear and visible user interface,
- Easier to integrate:
 - Standard size 19" - 2U,
 - Complete unit ready to integrate,
 - No work required on the software,
 - Simplified wiring between the module and the sprayer



SPECIFICATIONS DETAIL FOR EACH EQUIPMENT

GUN	Inobell
Weight w/o hoses (kg)	3.6
Powder flow ⁽¹⁾ (kg/h)	up to 30
Low voltage cable to TCR (m)	15 or 30
Max voltage (kV)	75
Max current (μA)	100
Pre-set rotation speed (rpm)	7500 (Vmin = 6500 and Vmax = 8500)
Shaping air flow (NL/min)	0 - 80 (proportional from 0 to 100%)
Bearing protective air flow (NL/min)	60
Air supply turbine rotation (NL/min)	40 - 100
CONTROL MODULE	TCR
In a rack (2 modules on front face)	19" / 2U
Air feeding pressure (bar)	7 (+/- 1)
Max air consumption (NL/min)	350
Max air with high flow rate kit (NL/min)	380
Power supply	90/270 Vac - 50/60 Hz
Maxi power (VA)	90

(1): it depends on the type of powder hose



AUTOMATIC POWDER COATING

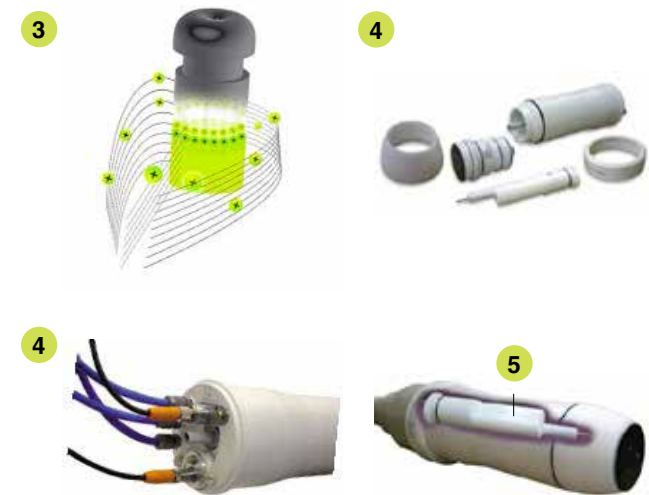
PERFORMANCE

1. Adjustable air shroud:
Allows a rapid and marked variation in cloud size. Control of the jet can adjust the width of the cloud being implemented, proportionally
2. Excellent regularity of film build-up:
The quality of finish meets the most stringent and tight D.O.I. (Distinctiveness of image).
- Speed detection for increased application control



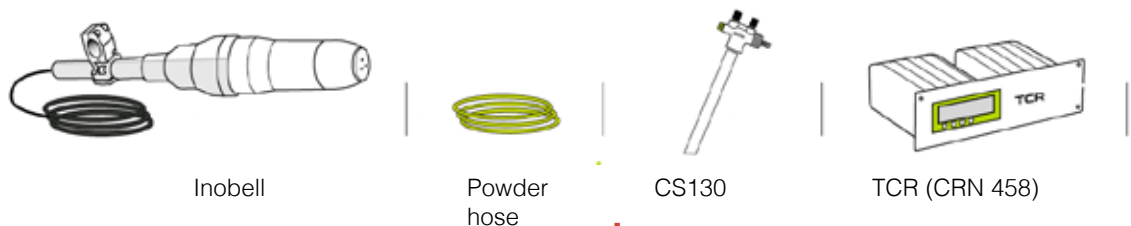
PRODUCTIVITY

- 3 Strong electrostatic charge - up to 20% more transfer efficiency compared to conventional guns
- Flowrate of 1 inoBell equivalent to 2 guns



SUSTAINABILITY

4. Single block design with fewer number of parts
4. Powder bell is easy to disassemble
5. Integrated high voltage unit: no high voltage cable



Equipped Inobell

Integrator Kit Inobell

AUTOMATIC POWDER COATING EQUIPMENT

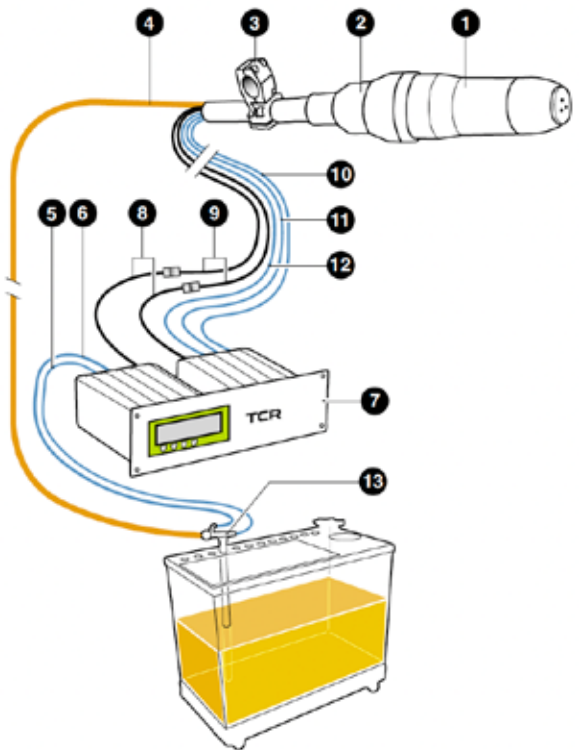
Description	Low voltage cable (m)	Powder hose (m) (ø12x17 mm)	TCR	Fixing nut	Powder pump CS130	Part Number
Equip. Inobell	15	15	-	ø 50x60mm	✓	910020762
Integrator kit Inobell	15	15	✓	ø 50x60mm	✓	910008096

Powder hose dia. 11x15 mm PN: U1FGBA092# / dia. 12x17 mm PN: U1FGBA034# (hose+ in lots of 50 meters)

COMPONENTS

Mark	Description	Part Number
1	INOHELL sprayer alone	910007600
2	Special support arm length: 400 mm	910009357
	length: 900 mm	910009358
	length: 1500 mm	910009359
3	Nut ø50/50 mm	429104
4	Hose Ø 12/17 mm Green antistatic (50m)	900017737#
option	Hose Ø 11/16 mm (50m)	130001649#
option	Hose Ø 13/18 mm Green antistatic (1)	900017738#
5	Injection air (Ø 6/8 mm) (2)	U1CBBT003
6	Dilution air (Ø 4/6 mm) (2)	U1CBBT001
7	TCR Control module	900005533
8	High voltage and speed sensor pilot cable(1)	910007567
9	Extensions TCR/Inobell	110000972
10	Operating air (Ø 5,5/8 mm) (1)	U1GLBT142
11	Shaping air (Ø 5,5/8 mm) (1)	U1GLBT142
12	Air for protecting bearings (Ø 5,5/8 mm) (1)	U1GLBT142
13	CS130 Powder pump alone and add ref 130001142 (union) + 130001143 + 1526399 (plunger)	910013775

(1): Minimum order of 50 meters; (2): Minimum order of 100 meters; (3): length: 2 x 2 m



OPTION

Description	Reference
High flow kit	910003361
Inotank 100 Liter	910031487
Inotank 150 Liter	910031488
Inosieve 100 Liter	910031384
Inosieve 150 Liter	910031385
CS206 air control panel	1502844

AUTOMATIC POWDER COATING

Inorecip

The Inorecip V-V2 reciprocator is the best choice for monitoring automatic spray guns and bells in powder coating.

- Simple and rugged construction
 - Very long service life
 - Reduced maintenance
- automatic installations. It features a vertical and horizontal Movement System.

PERFORMANCE

- Stroke and speed adjustable remotely over a very wide range.
- No special prepared area required (the reciprocator can be positioned or moved manually without effort).

PRODUCTIVITY

- Extremely simple construction and operation (very long service life).
- Smooth inversion movement for a better coating quality Sustainability



SUSTAINABILITY

- Optimum safety - CE approved.
- Reduced maintenance - limited to cleaning the belt and transmission devices.
- Designed for industrial use
- Built with proven and high-quality components

SPECIFICATIONS DETAIL FOR EACH EQUIPMENT

SYSTEM	Inorecip V or V2					
Height (mm)	2524	2824	3124	3424	3724	4024
Stroke (cm)	120	150	180	210	240	270
Empty weight (kg)	278	300	323	350	383	415
Maximum load (kg)	50					
Lifting rings (mm)	Dia. 40					
Diameters of support bars (mm)	Dia. 40 (Horizontal) & Dia. 50 (Vertical)					
Power supply - single phase (VAC)	230					
Max. operating temperature (°C)	40					
Number of guns (max)	12					
Maximum vertical speed (m/min)	36					
Maximum horizontal speed (m/min)	8					
	Inomotion V or V2			Inorecip H or V2		
Stroke adjustment (m)	-			up to 1		
Height (mm)	182			273		
Width (mm)	220			730 (650 + 80)		
Depth (mm)	250			1900		
Weight (kg)	3.34			~150		
Power supply - single phase (VAC)	230					
Frequency (Hz)	50 - 60					

THE EQUIPMENT

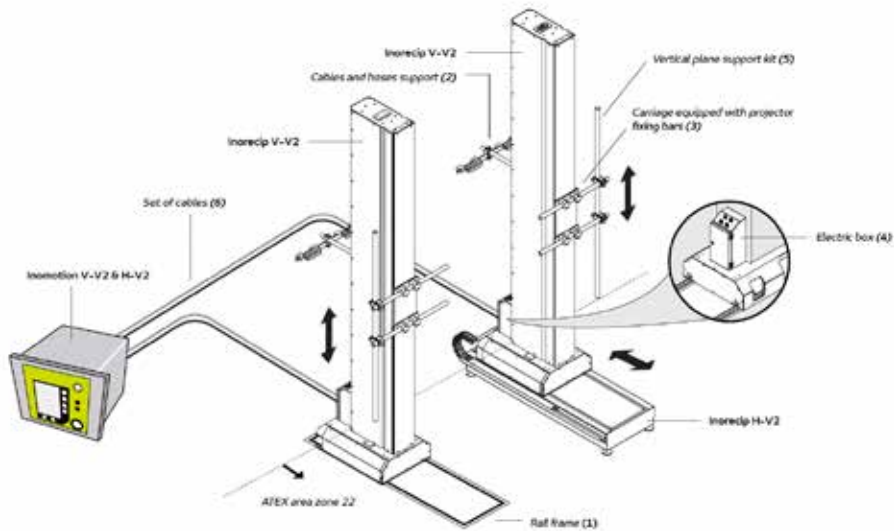
The **Inorecip V-V2** reciprocator is designed to equip automatic powder coating installations. It is composed of a mechanism controlled by an **Inomotion** control module placed in an electrica cabinet. It allows to drive, with a vertical reciprocating movement, powder projectors, for example:

- 12 Inogun A powder projectors,
- 4 Inobell powder projectors.

The **Inomotion** control module allows to remotely control the vertical reciprocating mechanism of the Inorecip V-V2 and the horizontal positioning of the Inorecip H-V2 (option). It is connected by power and control cables to the box located at the rear of the Inorecip V-V2.

Inorecip H-V2 (option)

The In and Out carriage Inorecip H-V2 is an unit placed under the Inorecip V-V2 reciprocator giving it the possibility to move along a second horizontal axis. The Inorecip H-V2 allows to keep a constant coating distance whatever the width of the parts. It is controlled via the Inomotion control module, which receives information from the part width detection system. This second axis is also often used for the automatic cleaning mode of the projectors.



MECHANISM OF THE ROBOT «INORECIP»

Description	Effective stroke (cm)	Part Number
Equipped Inorecip V-V2	180	130002227-180AT
	120 < xxx < 270	130002227-xxxAT
Inomotion V2	control up to 8 axes	130002226
set of 2 electric control cables (6)		130002076

It is best to choose a standard mechanical robot (180 cm stroke), even if the stroke is greater than the height of the pieces to be painted, it can adapt to space constraints.

Equipped Inorecip V-V2 integrates (1-axis):
Inorecip V-V2 + x1 rail frame (1) + 1 cables support (2) + 2 projectors fixing bars dia. 40mm (3) + 1 electrical box (4)

COMPONENTS

Description	Part Number
Vertical plane support kit (5) (2 nuts dia. 40/50mm + 1 bar of 2 meters in dia. 50mm)	910031501
Fixing nut	Ø50/30 mm. 749805
	Ø50/40 mm (qt = x2) 200000412
Aluminum tube D: 50	length 2200 mm 900001079

Description	Part Number
Inorecip H-V2	910035393

including: motorized carriage stroke 1000 mm; set of 2 cables, speed controller + electronic board

AUTOMATIC POWDER COATING

Inomaster

The Inomaster cabinet is intended to supply and control a powder coating installation in a ventilated booth.

The Inomaster cabinet manages the following functions:

- It is designed to install up to 8 Inobox control modules and one Inomotion control module (option).
- Auxiliary pneumatic power supply (with powder tank for example).
- Monitoring of low powder level in the tank.

THE EQUIPMENT

The standard Inomaster cabinet, used in conjunction with its various modules, controls the following functions:

- the installation of 19» standard control racks (not included).
- a power supply module (1)
- a Inogun cleaning control module (2)
- a Inomotion control module - option (3)
- up to 8 Inobox control modules - option (4)
- a pneumatic supply kit

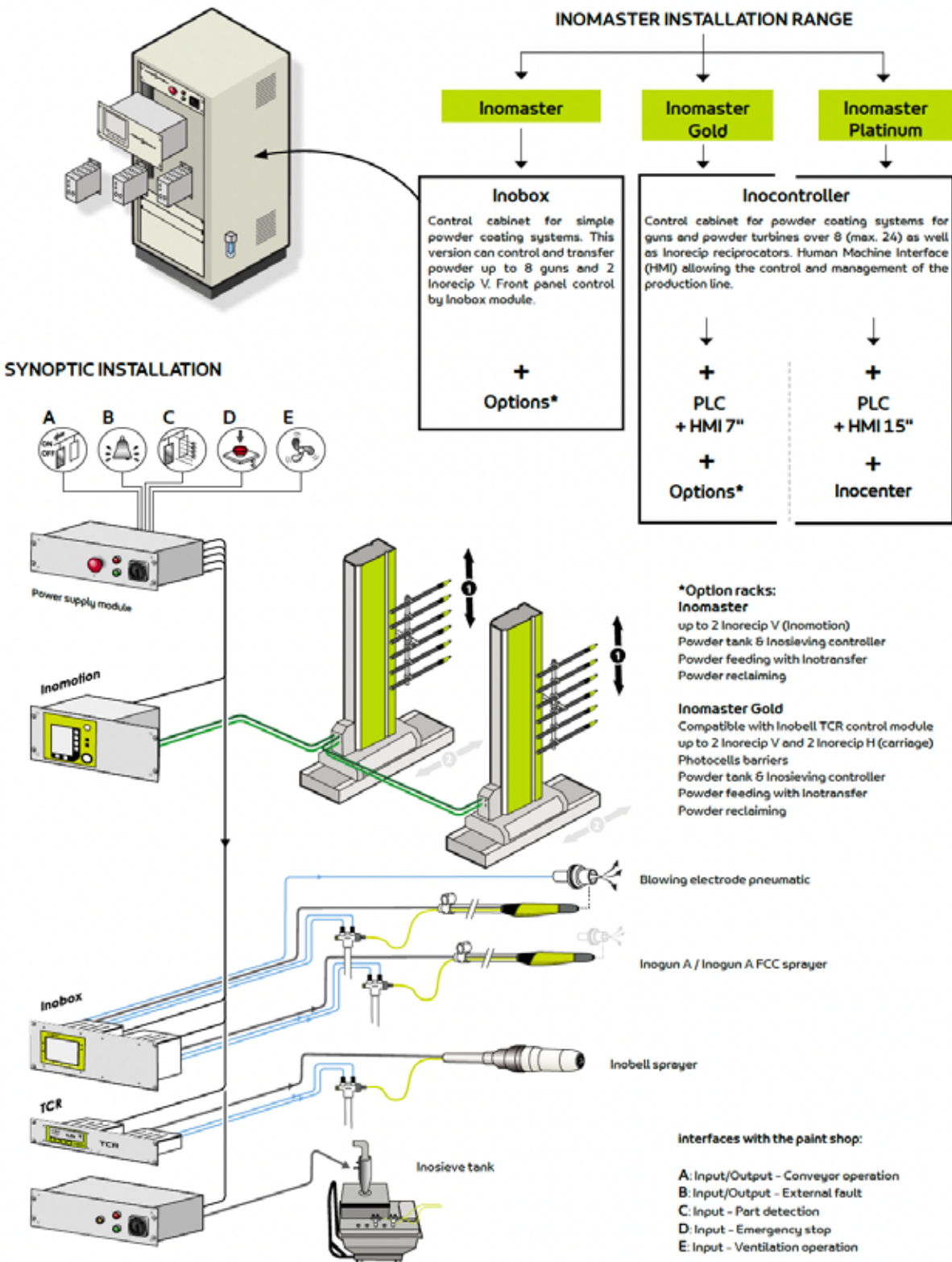
The module (1) is installed at the top of the Inomaster cabinet above the modules. It is fixed in the cabinet by four screws. This module is rackable 19 inches and 3U high.

This module (2) is installed below the power supply module and above the Inobox modules. It is fixed in the cabinet with four screws. It allows the control of the cleaning of the Inogun projectors.

The Inomotion control module (3) allows remote control of the Inorecip V reciprocator. It is connected by power and control cables to the cabinet at the rear of the Inorecip V.

TECHNICAL DATA

Designation	Inomaster	Power Supply module
Air Supply Pressure	7 bar (+/- 1)	-
Maximum flow rate	100 Nm ³ /h	-
Maximum consumption in auxiliary air	50 Nm ³ /h	-
Maximum consumption per Inobox	6 Nm ³ /h	-
Height	2000 mm	173 mm (4U)
Connection	3/4" barbed fitting for air hose	
Width	600 mm	483 (19 inch rackable)
Depth	600 mm	-
Approximate weight (without powder)	87.5 kg	-
Protection index	IP20	
Power supply	Single-phase 230 VAC / 50 Hz - 60 Hz	
Maxi input current consumption	16 A	3.2 A
Output voltage	-	24 VDC
Trigger control	-	8 simultaneous







PAINTING INSTALLATIONS

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