# EXTRUSION LINE

HI-TECH VACUUM




© iVision Vacuum

EN

iVISION®
ITALIAN VACUUM

# INDUSTRIAL VACUUM CLEANERS FOR PROCESSED EXTRUDED MATERIAL

The advanced technology and expertise that have characterized the company since its start are what brought iVision to develop a series of vacuum cleaners with centrifugal fans dedicated to the extrusion working industry. The series is suitable for all machines that cut, drill or mill, producing chips in large quantities that need removal. The range dedicated to this industry is particularly versatile and complete; it includes both vacuums for small workshops and large companies, offering a wide choice to suit every need.



# THE MOST POWERFUL CHIPS COLLECTORS

The Extrusion Line was born after acquiring abundant experience in the mechanical industrial sector in order to meet the growing demands of efficient material collection.

Every vacuum of the Extrusion Line is equipped with an M Class filter. The M Class filter is a high-quality filter made especially for the Extrusion line that enables the collection of at least 99.9% of the collected particles.
Thanks to the innovation offered by the Extrusion Line, the time and cost maintenance of your machines will be drastically reduced in relation to traditional methods.

The principal advantages of the Extrusion Line:

- Possibility of semi or full automatic filter cleaning systems.
- Touch Screen to easily recognize the level of contamination of the filter.
- Pneumatic gates with foot pedal to simultaneously work with several machines.
- Possibility of adding additional chip containers of 500 Lt or 1000 Lt in order to continuously stock material without hindering production.
- Cyclone pre-filters for pre-separating the collected material in order to elongate the lifetime of the M class filter.
- Remote control option for start & stop of the vacuum cleaner done directly by the machine.
- Optional rotary valve with continuous 24-hour functioning.
- Wide range of accessories dedicated to every demand of the industry.





# SWARF EXHAUSTERS FOR EXTRUSION INDUSTRY




Containers can be of various sizes and shapes, from smaller models that are easily removable to large containers up to 1000 Lt.
Where required, cyclone pre-filters that help extend the life of the filters are provided.

The entire Extrusion Line is equipped with high-efficiency filters in M-Class.

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# iV1

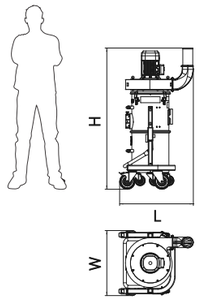



## QUALITY MADE IN ITALY

iV1 Extrusion industrial vacuum cleaners are the smallest in the Ivision range and are usually used alongside small, single-head saws with a low chip production, or generally in all working fields where less chips and dust are created.
The practical dimensions allow the worker to operate in small, cramped places, with agility and practicality, making full use of the excellent functional and performing quality of the vacuum cleaner.
The study and the design research, the sturdy materials and the simple design, are characteristics of a product entirely made in Italy; a real guarantee on the industrial market.

## CUSTOMIZATION

All models are created, produced and assembled according to the specific business needs of our customers and are designed to work alongside operators and machine tools.
Our vacuum cleaners are also available with the option of a certification of compliance with ATEX-zone 22 requirements.




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## STANDARD SUPPLY

- High-flow centrifugal fan with a flow rate up to 1200 m3/h
- Visual filling indicator
- High-working performance with heavy duty cycle
- Structure completely made of steel
- Anti-scuff wheels with parking brake
- Polyester filter in M class
- Container capacity 38 Lt
- Quick release container
- Silencer to reduce noise level in accordance with regulation
- Pneumatic vibrating motor for the filter cleaning

## OPTIONALS

- Remote start control
- Kit for collecting chips into PVC bags
- Cleaning kit for post-work cleaning of the machine
- Antistatic kit for eliminating electrostatic charges




picture for illustrative purpose only

| EXTRUSION | | iV1 - 1.5 - 38 - 1200 | iV1 - 2.4 - 10 - 706 |
|---|---|---|---|
| **FREQUENCY** | **HZ** | **50** | **60** |
| POWER | KW | 1,5 | 1,8 |
| | HP | 2 | 2,4 |
| VOLTAGE* | V | variable | variable |
| WATER LIFT MAX. | mbar | 25 | 25 |
| | PSI | 0,4 | 0,4 |
| AIR FLOW MAX | $m^3/h$ | 1200 | 1200 |
| | CFM | 706 | 706 |
| INLET | N° | 1 | 1 |
| SUCTION INLET | Ø mm | 100 | 100 |
| | Ø inch | 4 | 4 |
| VOLUME | Lt | 38 | 38 |
| | gal | 10 | 10 |
| DIMENSIONS | cm H | 120 | 120 |
| | cm L | 63 | 63 |
| | cm W | 60 | 60 |
| | ft H | 3,9 | 3,9 |
| | ft L | 2,0 | 2,0 |
| | ft W | 1,9 | 1,9 |
| WEIGHT | kg | 85 | 85 |
| | lbs | 187 | 187 |

* Voltage variable at the request

# iV2

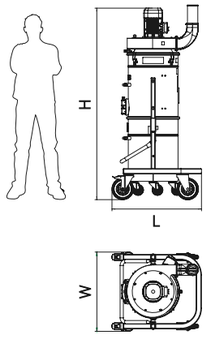
## QUALITY MADE IN ITALY

iV2 Extrusion Industrial Vacuum Cleaners are the medium models in the Ivision range and are usually used alongside big, single-head saws or small, double-head saws with a medium chip production, or generally in all working fields where chips and dust are created.
The practical dimensions allow the worker to operate inside the company with agility and practicality, making full use of the excellent functional and performing quality of the vacuum cleaner.
The study and the design research, the sturdy materials and the simple design, are characteristics of a product entirely made in Italy; a real guarantee on the industrial market.

## CUSTOMIZATION

All models are created, produced and assembled according to the specific business needs of our customers and are designed to work alongside operators and machine tools.
Our vacuum cleaners are also available with the option of a certification of compliance with ATEX-zone 22 requirements.




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## STANDARD SUPPLY

- High-flow centrifugal fan with a flow rate up to 1400 m3/h
- Visual filling indicator
- High-working performance with heavy duty cycle
- Structure completely made of steel
- Anti-scuff wheels with parking brake
- Polyester filter in M class
- Container capacity 100 Lt
- Quick-release container
- Silencer to reduce noise level in accordance to regulations
- Pneumatic vibrating motor for the filter cleaning

## OPTIONALS

- Remote start control
- Kit for collecting chips into PVC bags
- Cleaning kit for post-work machine cleaning
- Antistatic kit for eliminating electrostatic charges
- Lift kit in order to avoid any manual effort by the operator during the emptying process




picture for illustrative purpose only

| EXTRUSION | | iV2 - 1.5 - 100 - 1200 | iV2 - 2.4 - 26 - 706 | iV2 - 2.2 - 100 - 1400 | iV2 - 3.5 - 26 - 824 |
|---|---|---|---|---|---|
| **FREQUENZA** | **HZ** | **50** | **60** | **50** | **60** |
| POWER | KW | 1,5 | 1,8 | 2,2 | 2,6 |
| | HP | 2 | 2,4 | 3 | 3,5 |
| VOLTAGE* | V | variable | variable | variable | variable |
| WATER LIFT MAX. | mbar | 25 | 25 | 30 | 30 |
| | PSI | 0,3 | 0,3 | 0,4 | 0,4 |
| AIR FLOW MAX | $m^3/h$ | 1200 | 1200 | 1400 | 1400 |
| | CFM | 706 | 706 | 824 | 824 |
| INLET | N° | 1 | 1 | 1 | 1 |
| SUCTION INLET | Ø mm | 100 | 100 | 100 | 100 |
| | Ø inch | 4 | 4 | 4 | 4 |
| VOLUME | Lt | 100 | 100 | 100 | 100 |
| | gal | 26 | 26 | 26 | 26 |
| DIMENSIONS | cm H | 181 | 181 | 181 | 181 |
| | cm L | 80 | 80 | 80 | 80 |
| | cm W | 73 | 73 | 73 | 73 |
| | ft H | 5,9 | 5,9 | 5,9 | 5,9 |
| | ft L | 2,6 | 2,6 | 2,6 | 2,6 |
| | ft W | 2,4 | 2,4 | 2,4 | 2,4 |
| WEIGHT | kg | 100 | 100 | 100 | 100 |
| | lbs | 220 | 220 | 220 | 220 |

* Voltage variable at the request

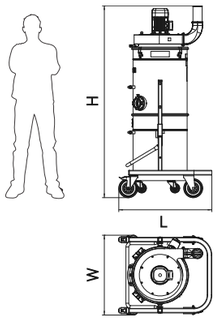
# iV3

## QUALITY MADE IN ITALY

iV3 Extrusion Industrial Vacuum Cleaners are the top best-selling models among Ivision vacuums and are usually used alongside double-head saws or automatic cutting centers with a high chip production, or generally in all working fields where huge quantities of chips and dust are created.
The iV3 vacuum cleaners are some of Ivision's most high-performing items, for use with your machine tool.
The study and the design research, the sturdy materials and the simple design, are characteristics of a product entirely made in Italy; a real guarantee on the industrial market.

## CUSTOMIZATION

Ivision iV3 vacuum cleaners can be equipped with several accessories facilitating work in large manufacturing companies. All models are created, produced and assembled according to the specific business needs of our customers and are designed to work alongside operators and machine tools.
Our vacuum cleaners are also available with the option of a certification of compliance with ATEX-zone 22 requirements.







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## STANDARD SUPPLY

- High-flow centrifugal fan with a flow rate up to 4400 m3/h
- Visual filling indicator
- High-working performance with heavy duty cycle
- Structure completely made of steel
- Anti-scuff wheels with parking brake
- Polyester filter in M class
- Container capacity 160 Lt
- Quick-release container
- Silencer to reduce noise level in accordance to regulations
- Pneumatic vibrating motor for the filter cleaning

## OPTIONALS

- Remote start control
- Kit for collecting chips into PVC bags
- Cleaning kit for post-work machine cleaning
- Antistatic kit for eliminating electrostatic charges
- Dumpster: 500 Lt or 1000 Lt
- Cyclonic pre-filter for additional filter protection
- Lift kit in order to avoid any effort by the operator during the emptying process

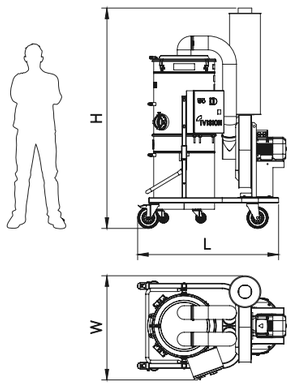



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| EXTRUSION | | | iV3 - 2.2 - 160 - 1400 | iV3 - 3.5 - 42 - 824 | iV3 - 3 - 160 - 2500 | iV3 - 4.8 - 42 - 1471 |
|---|---|---|---|---|---|---|
| **FREQUENCY** | **HZ** | | **50** | **60** | **50** | **60** |
| POWER | KW | | 2,2 | 2,6 | 3 | 3,6 |
| | HP | | 3 | 3,5 | 4 | 4,8 |
| VOLTAGE* | V | | variable | variable | variable | variable |
| WATER LIFT MAX. | mbar | | 30 | 30 | 30 | 30 |
| | PSI | | 0,4 | 0,4 | 0,4 | 0,4 |
| AIR FLOW MAX | m³/h | | 1400 | 1400 | 2500 | 2500 |
| | CFM | | 824 | 824 | 1471 | 1471 |
| INLET | N° | | 2 | 2 | 2 | 2 |
| SUCTION INLET | Ø mm | | 100 | 100 | 160 | 160 |
| | Ø inch | | 4 | 4 | 6,2 | 6,2 |
| VOLUME | Lt | | 160 | 160 | 160 | 160 |
| | gal | | 42 | 42 | 42 | 42 |
| DIMENSIONS | cm | H | 203 | 203 | 203 | 203 |
| | | L | 91 | 91 | 91 | 91 |
| | | W | 84 | 84 | 84 | 84 |
| | ft | H | 6,6 | 6,6 | 6,6 | 6,6 |
| | | L | 2,9 | 2,9 | 2,9 | 2,9 |
| | | W | 2,1 | 2,1 | 2,1 | 2,1 |
| WEIGHT | kg | | 125 | 125 | 135 | 135 |
| | lbs | | 275 | 275 | 298 | 298 |

* Voltage variable at the request

# iV3







## EXTRUSION

| FREQUENCY | HZ | | iV3 - 4 - 160 - 2200 | iV3 - 6,4 - 42 - 1295 | iV3 - 5,5 - 160 - 2500 | iV3 - 8,8 - 42 - 1471 |
|---|---|---|---|---|---|---|
| | | | **50** | **60** | **50** | **60** |
| POWER | KW | | 4 | 4,8 | 5,5 | 6,3 |
| | HP | | 5,4 | 6,4 | 7,4 | 8,8 |
| WATER LIFT MAX. | mbar | | 60 | 60 | 70 | 70 |
| | PSI | | 0,9 | 0,9 | 1,0 | 1,0 |
| AIR FLOW MAX | m³/h | | 2200 | 2200 | 2500 | 2500 |
| | CFM | | 1295 | 1295 | 1471 | 1471 |
| INLET | N° | | 2 | 2 | 2 | 2 |
| SUCTION INLET | Ø mm | | 100 | 100 | 160 | 160 |
| | Ø inch | | 4 | 4 | 6,2 | 6,2 |
| VOLUME | Lt | | 160 | 160 | 160 | 160 |
| | gal | | 42 | 42 | 42 | 42 |
| DIMENSIONS | cm | H | 207 | 207 | 217 | 217 |
| | | L | 140 | 140 | 170 | 170 |
| | | W | 97 | 97 | 100 | 100 |
| | ft | H | 6,9 | 6,9 | 7,2 | 7,2 |
| | | L | 3,2 | 3,2 | 3,4 | 3,4 |
| | | W | 4,7 | 4,7 | 5,6 | 5,6 |
| WEIGHT | kg | | 205 | 205 | 280 | 280 |
| | lbs | | 451 | 451 | 617 | 617 |

* Voltage variable at the request



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## EXTRUSION

| FREQUENCY | HZ | | iV3 - 7.5 - 160 - 3200 | iV3 - 12 - 42 - 1883 | iV3 - 9.2 - 11 - 3500 | iV3 - 15 - 42 - 2060 |
|---|---|---|---|---|---|---|
| | | | **50** | **60** | **50** | **60** |
| POWER | KW | | 7,5 | 8,8 | 9,2 | 11 |
| | HP | | 10 | 12 | 13 | 15 |
| WATER LIFT MAX. | mbar | | 70 | 70 | 80 | 80 |
| | PSI | | 1,0 | 1,0 | 1,2 | 1,2 |
| AIR FLOW MAX | m³/h | | 3200 | 3200 | 3500 | 3500 |
| | CFM | | 1883 | 1883 | 2060 | 2060 |
| INLET | N° | | 2 | 2 | 2 | 2 |
| SUCTION INLET | Ø mm | | 160 | 160 | 160 | 160 |
| | Ø inch | | 6,2 | 6,2 | 6,2 | 6,2 |
| VOLUME | Lt | | 160 | 160 | 160 | 160 |
| | gal | | 42 | 42 | 42 | 42 |
| DIMENSIONS | cm | H | 217 | 217 | 217 | 217 |
| | | L | 170 | 170 | 170 | 170 |
| | | W | 100 | 100 | 100 | 100 |
| | ft | H | 7,2 | 7,2 | 7,2 | 7,2 |
| | | L | 5,6 | 5,6 | 5,6 | 5,6 |
| | | W | 3,4 | 3,4 | 3,4 | 3,4 |
| WEIGHT | kg | | 280 | 280 | 280 | 280 |
| | lbs | | 617 | 617 | 617 | 617 |

## EXTRUSION

| FREQUENCY | HZ | | iV3 - 11 - 160 - 3800 | iV3 - 18 - 42 - 2236 | iV3 - 22 - 160 - 4400 | iV3 - 35 - 42 - 2589 |
|---|---|---|---|---|---|---|
| | | | **50** | **60** | **50** | **60** |
| POWER | KW | | 11 | 13 | 22 | 26 |
| | HP | | 15 | 18 | 30 | 35 |
| WATER LIFT MAX. | mbar | | 90 | 90 | 150 | 150 |
| | PSI | | 1,3 | 1,3 | 2,2 | 2,2 |
| AIR FLOW MAX | m³/h | | 3800 | 3800 | 4400 | 4400 |
| | CFM | | 2236 | 2236 | 2589 | 2589 |
| INLET | N° | | 2 | 2 | 2 | 2 |
| SUCTION INLET | Ø mm | | 160 | 160 | 160 | 160 |
| | Ø inch | | 6,2 | 6,2 | 6,2 | 6,2 |
| VOLUME | Lt | | 160 | 160 | 160 | 160 |
| | gal | | 42 | 42 | 42 | 42 |
| DIMENSIONS | cm | H | 217 | 217 | 279 | 279 |
| | | L | 170 | 170 | 174 | 174 |
| | | W | 100 | 100 | 130 | 130 |
| | ft | H | 7,2 | 7,2 | 9,1 | 9,1 |
| | | L | 5,6 | 5,6 | 5,8 | 5,8 |
| | | W | 3,4 | 3,4 | 4,7 | 4,7 |
| WEIGHT | kg | | 380 | 380 | 450 | 450 |
| | lbs | | 837 | 837 | 992 | 992 |

* Voltage variable at the request

picture for illustrative purpose only

# iV4

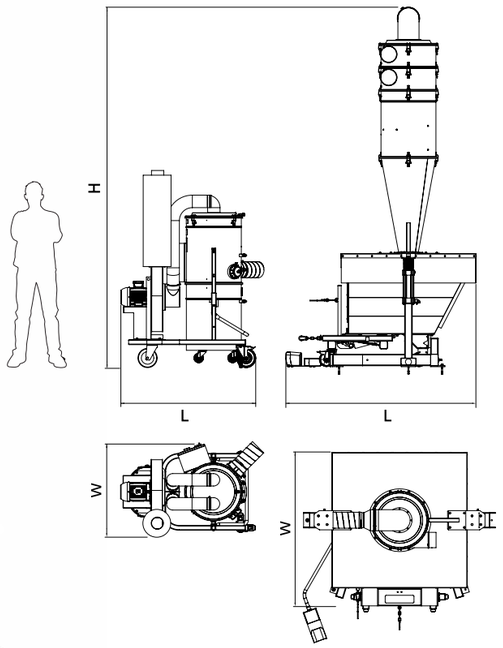



## QUALITY MADE IN ITALY

The iV4 chip collectors of the Extrusion line are dedicated to intensive and continuous machining and are used alongside large double-head saws or automatic cutting centers with a high chip production. In general, chip collectors IV4 with 1000 litre storage buckets are used in all work environments where large amounts of chips and dust are produced. The world's leading extrusion manufacturers have been using iVision line IV4 systems for several years. Thanks to the high chip collection capacity (up to 1000 litres) and the automatic lid opening system, IVision IV4 is particularly appreciated in the world of the extrusion industry.
The excellent performance of high flow or high pressure centrifugal fans is fully exploited. The careful study of the details, the attention paid to design, the use of sturdy materials and the creation of a simple but high-performing chip collector are the features of a product entirely developed and produced in Italy.

## CUSTOMIZATION

The iV4 chip collectors can be equipped with various accessories to simplify work in large manufacturing companies. Each model has been created, produced and assembled according to the specific business needs of our customers and are designed to work alongside operators and machine tools. In order to make the working environment even safer for operators, ATEX zone 22 certified chip collectors are also available.




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## STANDARD SUPPLY

- High-flow centrifugal fan with a flow rate up to 2200 m³/h
- Visual filling indicator
- Structure completely made of steel
- Anti-scuff wheels with parking brake
- Polyester filters in M class
- Container capacity 500/1000 litres
- Cyclonic pre-filter to preserve the life of the filter inside the vacuum unit
- Quick release device to open the 160 litre container
- Silencer to reduce noise level in accordance with regulations
- Pneumatic vibrating motor for the filter cleaning

## OPTIONALS

- Remote Start/Stop control
- Kit for collecting chips into PVC bags
- Cleaning kit for post-work machine cleaning
- Antistatic kit
- 500/1000-litre additional storage bucket for quick emptying
- Lift kit to prevent operator effort during the 160 litres container emptying process
- Atex zone 22




picture for illustrative purpose only

| EXTRUSION | | | iV4 - 4 - 1160 - 2200 | iV4 - 6,5 - 306 - 1295 |
|---|---|---|---|---|
| **FREQUENCY** | **HZ** | | **50** | **60** |
| POWER | KW | | 4 | 4,8 |
| | HP | | 5,5 | 6,5 |
| VOLTAGE | V | | variable | variable |
| WATER LIFT MAX. | mbar | | 43 | 79 |
| | PSI | | 0,62 | 1,15 |
| AIR FLOW MAX | m³/h | | 2200 | 2200 |
| | CFM | | 1295 | 1295 |
| INLET | N° | | 2 | 2 |
| SUCTION INLET | Ø mm | | 160 | 160 |
| | Ø inch | | 6,3 | 6,3 |
| VOLUME | Lt | | 1000 + 160 | 1000 + 160 |
| | gal | | 264 + 42 | 264 + 42 |
| DIMENSIONS | cm | H | 205 + 370 | 205 + 370 |
| | | L | 140 + 160 | 140 + 160 |
| | | W | 97 + 200 | 97 + 200 |
| | ft | H | 6,7 + 10 | 6,7 + 10 |
| | | L | 4,6 + 5,25 | 4,6 + 5,25 |
| | | W | 32 + 65,61 | 32 + 65,61 |
| WEIGHT | kg | | 790 | 790 |
| | lbs | | 1742 | 1742 |

# iV5

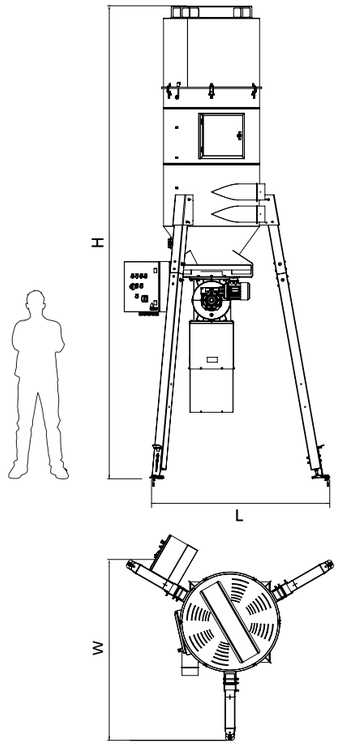



## QUALITY MADE IN ITALY

The iV5 chip collectors of the Extrusion line are dedicated to intensive and continuous machining and are used alongside automatic cutting centres with high chip production. Thanks to the emptying systems by means of a rotary valve, the IV5 chip collectors are used in all work environments where a 24-hour collection is required, due to a considerable amount of chip production. The world's leading manufacturers have been using iVision IV5 systems in the extrusion industry for several years. Thanks to their compact dimensions, silence rate and continuous emptying systems, IVision IV5 systems are particularly appreciated in the world of the extrusion industry. The excellent performance of centrifugal fans is fully exploited. The careful study of details, the attention paid to design, the use of sturdy materials and the creation of a simple but high-performing chip collector are the features of a product entirely developed and produced in Italy.

## CUSTOMIZATION

The iV5 vacuum cleaners can be equipped with various accessories to simplify work in large manufacturing companies created, produced and assembled according to the specific business needs of our customers and are designed to work alongside operators and machine tools




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## STANDARD SUPPLY

- High flow centrifugal fans with a flow rate up to 3000 m³/h
- Side inspection window
- Continuous work cycle without any maintenance requirements
- Structure completely made of steel
- Emptying rotary valve
- Polyester filters in class L

## OPTIONALS

- Remote Start/Stop control
- Integrated motor for filter shaking/cleaning
- Antistatic kit




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| EXTRUSION | | iV5 - 4 - 1000 - 3000 | iV5 - 6,5 - 264 - 1766 |
|---|---|---|---|
| **FREQUENCY** | **HZ** | **50** | **60** |
| POWER | KW | 4 | 4,8 |
| | HP | 5,5 | 6,5 |
| VOLTAGE | V | variable | variable |
| WATER LIFT MAX. | mbar | 28 | 45 |
| | PSI | 0,36 | 0,70 |
| AIR FLOW MAX | m³/h | 3000 | 3000 |
| | CFM | 1766 | 1766 |
| INLET | N° | 2 | 2 |
| SUCTION INLET | Ø mm | 160 | 160 |
| | Ø inch | 6,3 | 6,3 |
| VOLUME | Lt | continuous emptying | continuous emptying |
| | gal | continuous emptying | continuous emptying |
| DIMENSIONS | cm H | 468 | 468 |
| | cm L | 210 | 210 |
| | cm W | 180 | 180 |
| | ft H | 15,35 | 15,35 |
| | ft L | 6,89 | 6,89 |
| | ft W | 5,90 | 5,90 |
| WEIGHT | kg | 1270 | 1270 |
| | lbs | 2800 | 2800 |

# iV CUSTOM
## HI-TECH VACUUM






| | | 11 - 3800 |
|---|---|---|
| POWER | KW | 11 |
| AIR FLOW MAX | m3/h | 3800 |
| VOLUME | Lt | 160+1000 |
| FILTERING SURFACE | $m^2$ | 8 |

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# iV CUSTOM
## HI-TECH VACUUM




| | | 7.5 - 700 |
|---|---|---|
| POWER | KW | 7,5 |
| AIR FLOW MAX | m3/h | 700 |
| VOLUME | Lt | 160+160 |
| FILTERING SURFACE | $m^2$ | 5 |

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# TOUCH SCREEN
## HI-TECH VACUUM




## HUMAN MACHINE INTERFACE

The vacuum cleaner is equipped with a touch screen unit on the front. It allows the operator to quickly and easily monitor the level of contamination of the filter.

Thanks to such a device, the operator is able to recognize in real time the filter condition and the efficiency of the whole vacuum cleaner. Afterwards, the operator can choose to clean the filter (in manual or automatic mode) and also manage the remote Start&Stop control option.

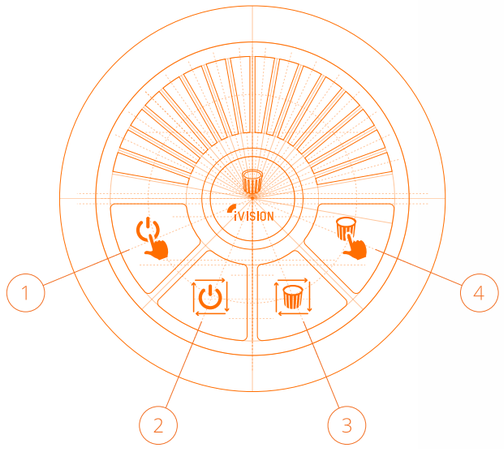
Once the filter is completely clogged, the unit will automatically warn the operator of the need to replace the filter utilizing:

- An audible signal.
- A visual signal.

On the round screen you can find the following icons:

Scale-LED: it shows the level of contamination that the filter has reached. The measurement is made in a scientific and non-empirical manner through a sophisticated system of sensors controlled by a PLC exclusively for this purpose.

1. Manual ON/OFF: if you select this icon - it allows you to simply start the vacuum system with the simple touch of your finger.
2. Automatic ON/OFF: if you select this icon - the motor is switched on / off directly from the machine.
3. Automatic Filter Cleaning: if you select this icon - an electric contact enables the cleaning of the filter in a completely automatic and programmed manner.
4. Semiautomatic Filter Cleaning: if you select this icon – it is used to clean the filter immediately.




PATENTED




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picture for illustrative purpose only

# ADDITIONAL DUMPSTER
## HI-TECH VACUUM

In the case that the vacuum cleaner standard capacity 42 Gal is not enough, iVision offers its customers additional high-capacity chip containers.

Ivision has developed 2 types of dumpsters:

A) 1000 Lt dumpster with automatic opening
B) 500 Lt dumpster with manual opening

The dumpsters are equipped with a visual filling indicator that shows the operator when it is time to empty the container.

## HOW DOES IT WORK?

The dumpster, connected by means of a tube system, is positioned between the cnc machinery that produces chips and the vacuum unit.

During the operating of the vacuum, the dumpsters have airtight closures preventing air flow losses.

When the vacuum cleaner gets switched off, the dumpster can be opened manually with the 500 Lt container and automatically with the 1000 Lt model.
Next, the dumpster can be carried by the forklift where it can next be emptied into the end-container.







1000 Lt




500 Lt

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# CYCLONIC PREFILTER

## HI-TECH VACUUM

Strongly recommended whenever possible, the pre-filter is positioned between the vacuum and the chip-generating machine, as the first point of collection of the collected material.
It is specially used to preserve the life of the filter inside the vacuum unit.
It retains most of the collected material and can have a cone or cylindric shape and serves as a mechanical filter.
Through a tangential entry the collected material is centrifuged into its interior until its speed gradually decreases and the material gradually falls to the bottom of the collecting unit due to the force of gravity.
Such a process ensures that only a relatively low percentage of collected dust or chips manages to actually reach the real filter positioned in the upper part of the vacuum cleaner.
The cyclonic pre-filter becomes almost mandatory for fine or very fine powders, which are very likely to clog the filter quickly, compromising the smooth operation of the entire system, but are only recommended for large, heavy chips.
The main advantage of the cyclonic pre-filter is to protect the filter of the vacuum cleaner from quickly clogging, thus extending its life before replacement and significantly reducing the maintenance of the entire system.




1000 Lt

# LIFT KIT

## HI-TECH VACUUM

The lifting device is used for emptying the 100 Lt (iV2) or 160 Lt (iV3) chip container, by attaching the container to a forklift with safety chains for easy transporting.
The operators do not have to make any manual effort for the emptying process.
This accessory is especially recommended in all countries where strict laws for workers' protection are in force that specify the maximum weight to be lifted by an operator.
If the weight exceeds the legal limit, it becomes mandatory to use this accessory.





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# GATE CLOSURE
## HI-TECH VACUUM

The gate valves that enable the closure of multiple vents allow the operator to choose to work with one, two or more hoses simultaneously. These gates can be operated manually by operators, handled automatically by machines, or remotely via foot pedal.




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# CLEANING KIT Ø 50 mm
## HI-TECH VACUUM

The cleaning kit is usable with all of the series and consists of a robust, anti-abrasion tube with special zinc-plated steel accessories at its extremities capable of transporting, without any obstacle, chippings and oil from the machine tool to the vacuum collection tank.
The vacuum suction tube is easily stored on the unit on an external support that facilitates the movement of the vacuum in a way that eliminates any hassle the tube can create for the operator. Additionally, it allows the avoidance of oil leakage during the maneuvers of the vacuum.



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# REMOTE START & STOP

## HI-TECH VACUUM

The kit allows the automatic switching on and off of the vacuum cleaner simultaneously with the machine tool when they are connected. This can occur in three different ways:

a) The vacuum gets switched on by contact without electricity "potential free contact".
b) The vacuum gets switched on with a 24V contact.
c) The vacuum gets switched on with a 230V contact.

The advantages are:

- Energy-saving, as the vacuum cleaner is switched on only when the machine is working.
- Noise level reduction, because the vacuum cleaner is on (and makes noise) only when the machine is working.
- Optimization of operators' time as one no longer needs to personally attend to the machine in order to switch it on or off.



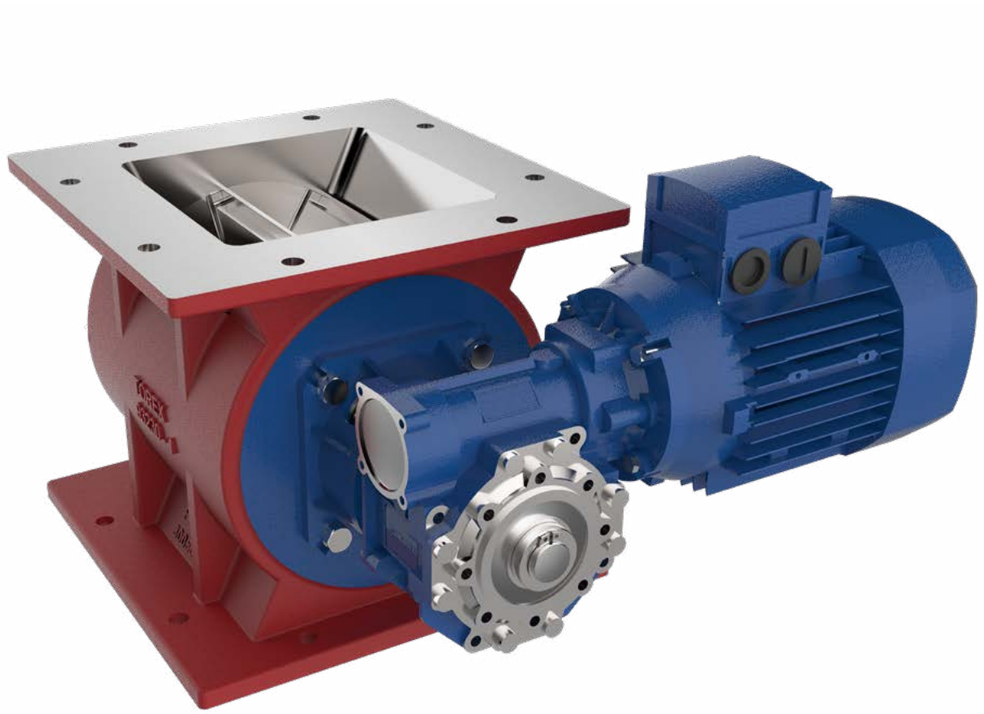



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# EMPTYING ROTARY VALVE KIT FOR CONTINUOUS WORK

## HI-TECH VACUUM

This rotovalve kit is a very interesting solution, especially for those who need to work in large building sites and to reduce interruptions due to the emptying process of the collection tanks.



picture for illustrative purpose only

# THE IVISION HEALTH SAFETY SOLUTION

## CREATED FOR YOU

48000 Lt in 8 hour work-day means about 100 Lt / min: this is the quantity of air a worker breathes. The two main ways harmful substances produced during the working of materials are absorbed into the body are through the lungs and skin. Less oxygen means more physical exertion and an elevated risk of mishaps and illnesses specific to this type of working environment.

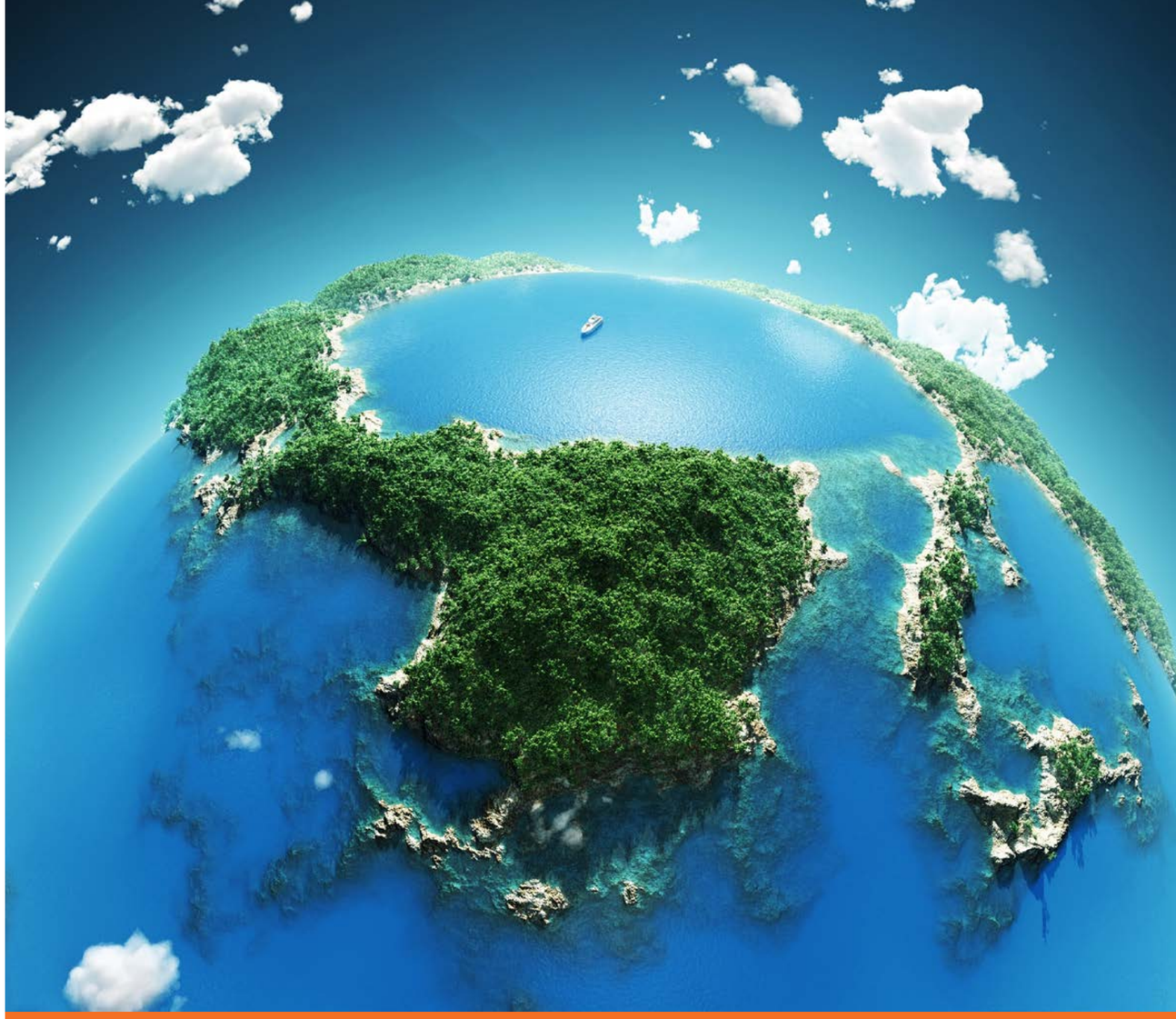




## QUALITY & HEALTH

Organizations that see the constant and dizzying employment of new chemical products that take-over the organs in control of olfactory sensing and manifest problems of later illness, have the power to entrust in a machine that responds perfectly to the demands of the proper collecting of materials after their processing, that also aids in the protection of the life.





## WHY CHOOSE IVISION?

The high degree of technologic innovation of our vacuums, the continuous attention to the health of the workers, the planning of specifically optimized series for every category of material and every type of work, the possibility of creating ventilation systems that trasfer polluted air outside of the working environment, are what make the iVision series the best partner for your work, for today and for always.



# THE ITALIAN VACUUM SOLUTION

iVision is a reference point in the sector of industrial vacuum cleaners and heavy duty industrial vacuums.  In the course of a few years, iVision has managed to grow quickly and gain significant market shares all over the world.



*headquarters located in Cattolica (Rimini) Italy*

iVision headquarters are located in Cattolica (Rimini) in Italy. All our products are 100% Made In Italy. Our innovative industrial vacuum cleaners have been used by facilities and plant maintenance personnel worldwide.

The sales network of Ivision srl is covering the whole world with agents and distributors and the share of exports of iVision vacuum cleaners in Europe, America, Asia and even Australia has been growing constantly.

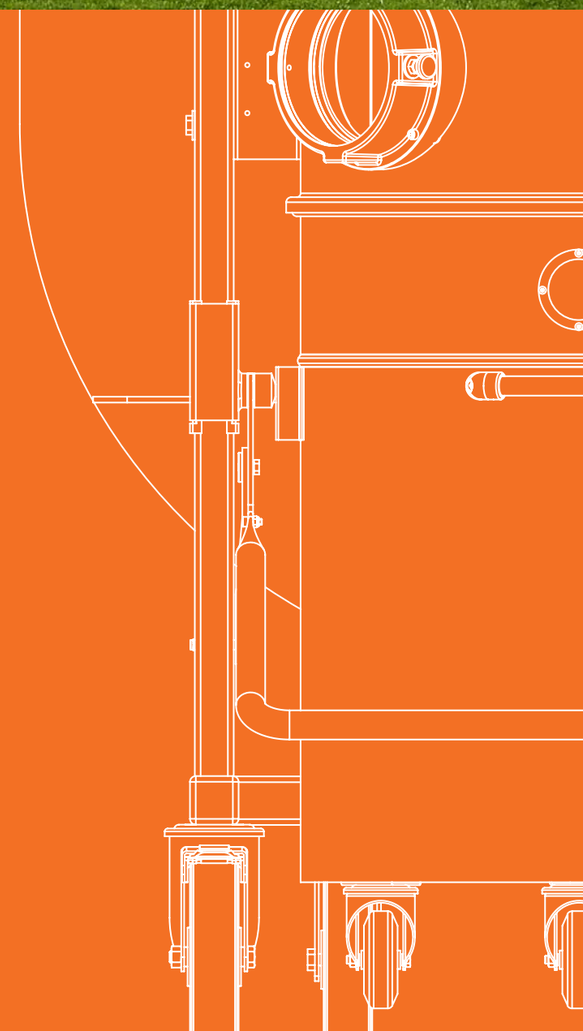
iVision is naturally oriented to the export  which takes  at the moment about 80% of the total production.

## OUR SECRET

Hard work, professionalism, passion, research and, last but not least: huge investments and the unique capability for analysing combined with an innovative spirit in the market segment of industrial vacuum cleaners. iVision is a customer-oriented  company. Our Sales team together with the Technical and R&D department works constantly to understand and also anticipate the customers' requirements and wishes.

## WHY IVISION

iVision is considered by all its partners a company founded on strong values, such as respect for environment and people. We create long-term partnerships with agents, dealers, official distributors and also worldwide known OEMs, who understand the importance of establishing a win-win relationship with a competent and fair partner like iVision.



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