

## INDUSTRIAL VACUUM CLEANER FOR NUMERICAL CONTROL MACHINES

The **FLAT TABLE LINE** was designed from direct experience in the industrial mechanical sector, where a powerful, reliable and safe suction system is needed to collect the chips generated during machining processing.

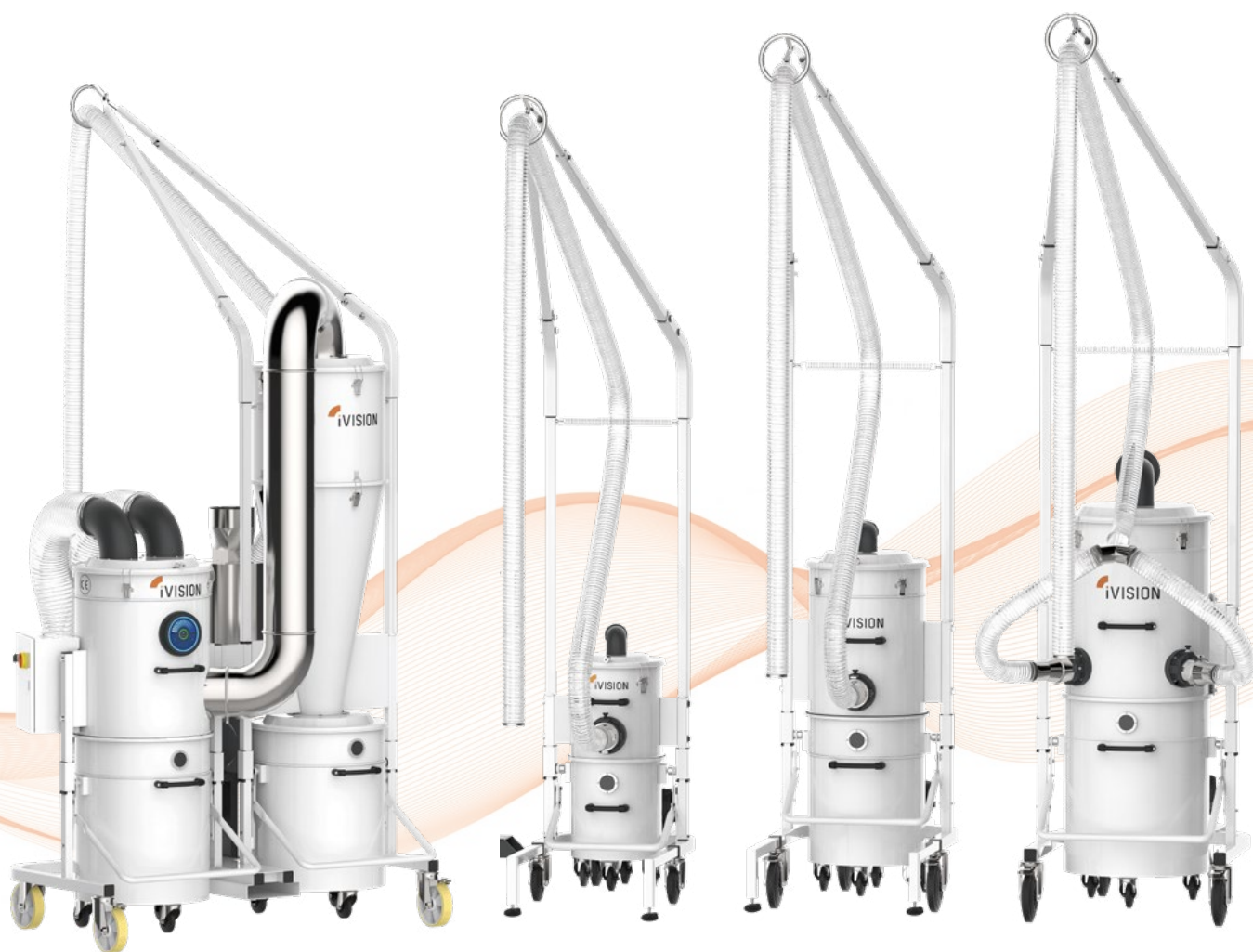
The vacuum cleaners of the Flat Table line, characterized by a side channel blower, are thought to be combined with **horizontal or vertical 3-axis CNC machines**, which require accurate and efficient chip extraction to obtain maximum precision during the work process and a perfect end-product.

iVision can satisfy the requests of its most demanding customers thanks to **patented accessories specific for the sector**, such as the functional aerial arm which allows to place the suction hose above the CNC Router without it obstructing the operator or the machine's movements.



# FLAT TABLE LINE

HI-TECH VACUUM



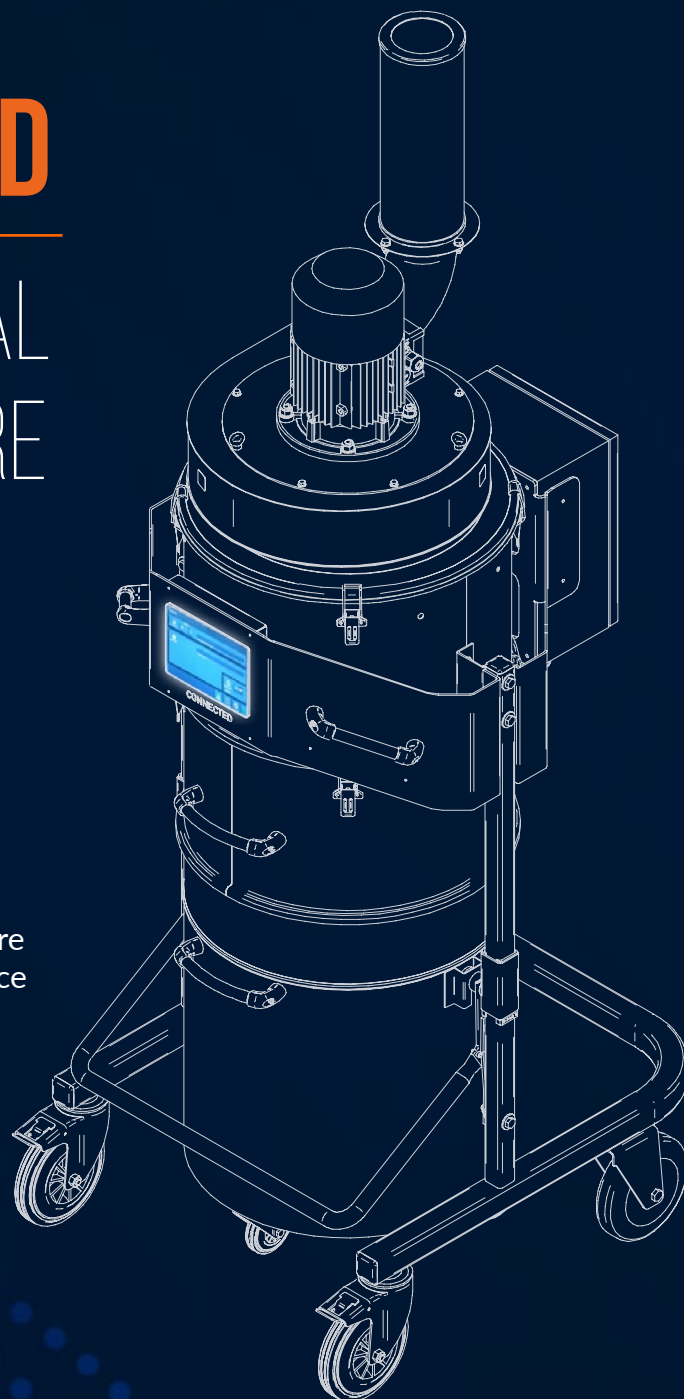


# 4.0 CONNECTED

THE 4TH INDUSTRIAL  
REVOLUTION IS HERE

## MODEL

- HMI with latest generation software
- Company network connection following the 4.0 Industry parameters
- Live monitoring of functional parameters
- Predictive maintenance
- Zero risk of machine downtime
- Maximum work efficiency
- Control of the emissions into the atmosphere
- Tax benefits (according to regulations in force in the specific country)





## REMOTE MONITORING 4.0

A simple and intuitive dashboard shows in real time the operating parameters of 4.0 Connected vacuum cleaners



## NO MORE MACHINE DOWNTIME

The remote monitoring is able to foresee any malfunction or maintenance to be carried out before any machine downtime occurs



## REAL-TIME ASSISTANCE

Once the problem is detected, iVision customer assistance will contact you directly to offer support



## CLEANER AIR

The double filtering stage purifies the suctioned air from the finest particles, potentially harmful to the health of operators, before releasing clean air back into the working environment



## Industrial vacuum cleaner

## FLAT TABLE 38

## INDUSTRIAL VACUUM CLEANER FOR NUMERICAL CONTROL MACHINES

The FLAT TABLE 38 vacuum cleaner is one of the most compact of the entire line and is mainly used to collect chips in combination with small CNC machines. The waste generated by the 3-axis milling machines require the very efficient industrial suction of chips so as to guarantee absolute cleanliness.



## FLAT TABLE 38

Product code		Y0000045	Y0000049
<b>POWER</b>	<b>Kw</b>	<b>2,2</b>	<b>3</b>
FREQUENCY	Hz	50	50
SUPPLY VOLTAGE <sup>1</sup>	V	400	400
MAXIMUM NEGATIVE PRESSURE	mbar	300	310
MAXIMUM AIR FLOW RATE	m³/h	310	310
INLET DIAMETER	ømm	100	100
NUMBER OF INLETS	n	1	1
CONTAINER CAPACITY	Lt	38	38
DIMENSION	HxLxW cm	104*90*63	104*90*63
WEIGHT	Kg	90	90
FILTER <sup>2</sup>	-	Class M	Class M

Aerial arm not included

## OPTIONAL

38 aerial arm

Antistatic kit

Start & stop

Filter Cleaning System with piston (semi-automatic)

PVC collection bag kit

Atex 22 Version

## CONNECTION KIT

① Connection fitting

② Hose clamp (2 Pcs)

③ Hose

<sup>1</sup> Other voltages and frequencies available upon request

<sup>2</sup> Other filter media available upon request

## Industrial vacuum cleaner

## FLAT TABLE 100

## INDUSTRIAL VACUUM CLEANER FOR NUMERICAL CONTROL MACHINES

The FLAT TABLE 100 litres model equipped with side channel blower is one of the most commonly used in the world of panel processing with horizontal or vertical 3-axis CNC machines. Although it features compact dimensions, to facilitate its use also in tight spaces, this industrial vacuum cleaner has a 100-litre tank. The power combined with the tank capacity allow the use of the FLAT TABLE 100 litres in combination with 3-axis milling machines that are able to generate a significant amount of chips and waste material.



## FLAT TABLE 100

Product code		Y0000288	Y0000053	Y0000057
<b>POWER</b>	<b>Kw</b>	<b>2,2</b>	<b>3</b>	<b>4</b>
FREQUENCY	Hz	50	50	50
SUPPLY VOLTAGE <sup>1</sup>	V	400	400	400
MAXIMUM NEGATIVE PRESSURE	mbar	300	310	320
MAXIMUM AIR FLOW RATE	m³/h	310	310	310
INLET DIAMETER	ømm	100	100	100
NUMBER OF INLETS	n	1	1	1
CONTAINER CAPACITY	Lt	100	100	100
DIMENSION	HxLxW cm	152*104*73	152*104*73	152*104*73
WEIGHT	Kg	115	115	115
FILTER <sup>2</sup>	-	Class M	Class M	Class M

Aerial arm not included

## OPTIONAL

100 aerial arm

Antistatic kit

Start & stop

Filter Cleaning System with piston (semi-automatic)

Lift kit for tank 100

PVC collection bag kit

Atex 22 Version

## CONNECTION KIT

① Connection fitting

② Hose clamp (2 Pcs)

③ Hose

<sup>1</sup> Other voltages and frequencies available upon request

<sup>2</sup> Other filter media available upon request

## Industrial vacuum cleaner

## FLAT TABLE 100

## INDUSTRIAL VACUUM CLEANER FOR NUMERICAL CONTROL MACHINES

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## FLAT TABLE 100

Product code			Y0000351
POWER	Kw	4	5,5
FREQUENCY	Hz	50	50
SUPPLY VOLTAGE <sup>1</sup>	V	400	400
MAXIMUM NEGATIVE PRESSURE	mbar	190	320
MAXIMUM AIR FLOW RATE	m³/h	700	550
INLET DIAMETER	ømm	100	100
NUMBER OF INLETS	n	1	1
CONTAINER CAPACITY	Lt	100	100
DIMENSION	HxLxW cm	152*104*73	152*104*73
WEIGHT	Kg	115	115
FILTER <sup>2</sup>	-	-	-

Aerial arm not included

## OPTIONAL

100 aerial arm

Antistatic kit

Start & stop

Filter Cleaning System with piston (semi-automatic)

Lift kit for tank 100

PVC collection bag kit

Atex 22 Version

## CONNECTION KIT

① Connection fitting

② Hose clamp (2 Pcs)

③ Hose

<sup>1</sup> Other voltages and frequencies available upon request

<sup>2</sup> Other filter media available upon request

## Industrial vacuum cleaner

## FLAT TABLE 160

## INDUSTRIAL VACUUM CLEANER FOR NUMERICAL CONTROL MACHINES

The FLAT TABLE 160 litres vacuum is among the most highly performing models of the entire iVision range and is ideal for collecting chips in combination with large CNC machines. Thanks to its very powerful side channel blowers and capacious chip collector (160 lit), this model is suitable for the maintenance and cleaning of large machining centres with high production of chips, shavings and dust. The chips generated by the mills on the 3-axis numerical control machines require highly performing industrial extraction to guarantee correct processing of the machine tool.



## FLAT TABLE 160

Also available in the **4.0 CONNECTED** version

Product code		Y0000061	Y0000065	Y0000069
<b>POWER</b>	<b>Kw</b>	<b>5,5</b>	<b>7,5</b>	<b>12,5</b>
FREQUENCY	Hz	50	50	50
SUPPLY VOLTAGE <sup>1</sup>	V	400	400	400
MAXIMUM NEGATIVE PRESSURE	mbar	300	320	300
MAXIMUM AIR FLOW RATE	m³/h	550	550	1100
INLET DIAMETER	ømm	100	100	100
NUMBER OF INLETS	n	2	2	2
CONTAINER CAPACITY	Lt	160	160	160
DIMENSION	HxLxW cm	180*126*84	180*126*84	180*126*84
WEIGHT	Kg	190	200	280
FILTER <sup>2</sup>	-	Class M	Class M	Class M

Aerial arm not included

## OPTIONAL

160 aerial arm

Antistatic kit

Start &amp; stop

Filter Cleaning System with piston (semi-automatic)

PVC collection bag kit

Lift kit for tank 160

Touch screen

Atex 22 Version

## CONNECTION KIT

① Connection fitting

② Hose clamp (2 Pcs)

③ Hose

<sup>1</sup> Other voltages and frequencies available upon request<sup>2</sup> Other filter media available upon request



## Industrial vacuum cleaner

## FLAT TABLE 160

## INDUSTRIAL VACUUM CLEANER FOR NUMERICAL CONTROL MACHINES

The FLAT TABLE 160 litres vacuum is among the most highly performing models of the entire iVision range and is ideal for collecting chips in combination with large CNC machines. Thanks to its very powerful side channel blowers and capacious chip collector (160 lit), this model is suitable for the maintenance and cleaning of large machining centres with high production of chips, shavings and dust. The chips generated by the mills on the 3-axis numerical control machines require highly performing industrial extraction to guarantee correct processing of the machine tool.



## FLAT TABLE 160

Also available in the 4.0 CONNECTED version

Product code

POWER	Kw	7,5	12,5
FREQUENCY	Hz	50	50
SUPPLY VOLTAGE <sup>1</sup>	V	400	400
MAXIMUM NEGATIVE PRESSURE	mbar	320	320
MAXIMUM AIR FLOW RATE	m³/h	700	1350
INLET DIAMETER	ømm	100	100
NUMBER OF INLETS	n	2	2
CONTAINER CAPACITY	Lt	160	160
DIMENSION	HxLxW cm	180*126*84	180*126*84
WEIGHT	Kg	200	250
FILTER <sup>2</sup>	-	-	-

Aerial arm not included

## OPTIONAL

160 aerial arm

Antistatic kit

Start &amp; stop

Filter Cleaning System with piston (semi-automatic)

PVC collection bag kit

Lift kit for tank 160

Touch screen

Atex 22 Version

## CONNECTION KIT

① Connection fitting

② Hose clamp (2 Pcs)

③ Hose

<sup>1</sup> Other voltages and frequencies available upon request

<sup>2</sup> Other filter media available upon request

## Industrial vacuum cleaner

## FLAT TABLE 320

## INDUSTRIAL VACUUM CLEANER FOR NUMERICAL CONTROL MACHINES

The FLAT TABLE 320 model is used in the world of machining with 3-axis CNC machines with high dust/chip production. Designed specifically for industrial purposes, this model is equipped with powerful motors and advanced performing filtration system.

Its vacuum and airflow characteristics make it ideal for heavy dust extraction. The use of a pre-filter-cyclone enables it to capture more than 90% of the sucked material before it reaches the main filter, thus preventing clogging and greatly extending its service life.



## FLAT TABLE 320

Also available in the **4.0 CONNECTED** version

Product code

POWER	Kw	5,5	7,5	12,5
FREQUENCY	Hz	50	50	50
SUPPLY VOLTAGE <sup>1</sup>	V	400	400	400
MAXIMUM NEGATIVE PRESSURE	mbar	300	320	300
MAXIMUM AIR FLOW RATE	m <sup>3</sup> /h	550	550	1100
INLET DIAMETER	ømm	100	100	100
NUMBER OF INLETS	n	1	1	1
CONTAINER CAPACITY	Lt	320 (160x2)	320 (160x2)	320 (160x2)
DIMENSION	HxLxW cm	250*200*150	250*200*150	250*200*150
WEIGHT	Kg	420	425	425
FILTER <sup>2</sup>	-	Class M + PTFE main filter	Class M + PTFE main filter	Class M + PTFE main filter

Aerial arm not included

## OPTIONAL

160 aerial arm

Antistatic kit

Start & stop

Filter Cleaning System with piston (semi-automatic)

PVC collection bag kit

Touch screen

## CONNECTION KIT

① Connection fitting

② Hose clamp (2 Pcs)

③ Hose

<sup>1</sup> Other voltages and frequencies available upon request

<sup>2</sup> Other filter media available upon request