

INDUSTRIAL VACUUM CLEANER FOR SAND BLASTING

The **SAND LINE** was created after a **long experience in the shipbuilding sector** to meet the growing need to remove grit and dust generated during sandblasting, metal working and polishing processes.

The best industrial suction systems for sandblasting, and stone materials processing allow a **rapid collection of grit and dust**, leading to considerable savings and increased safety.

iVision has established long-term collaborations with many companies operating in the construction sector and has **developed specific accessories** aimed at facilitating and optimizing the use of its products in the suction dedicated to sandblasting.

Optional accessories such as **collection buckets** Touch Screen systems or dedicated cleaning kits for grits have been developed specifically for this sector.



SAND LINE

HI-TECH VACUUM



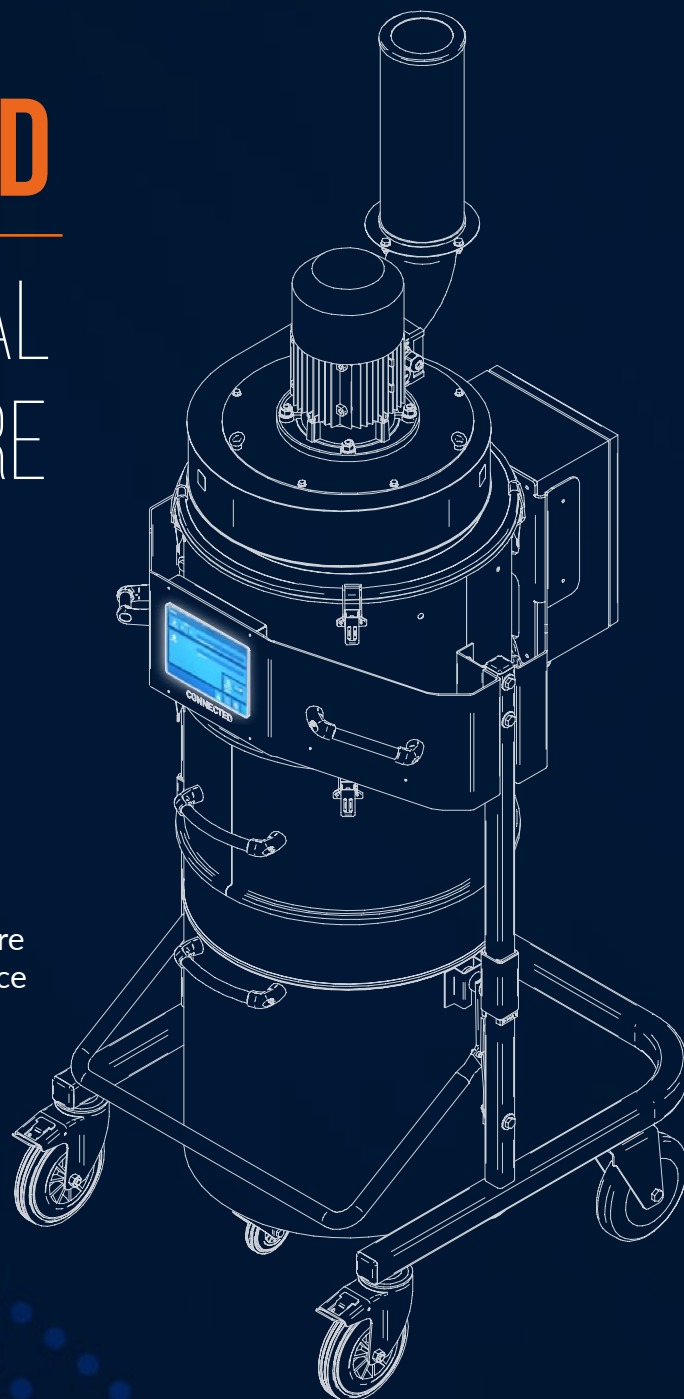


4.0 CONNECTED

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

SAND 100**INDUSTRIAL VACUUM CLEANER FOR SAND BLASTING**

The SAND 100 litres vacuum cleaner is used for dust and sand grit collection in industrial environments. All vacuum cleaners of the SAND line are equipped with side channel blower, with reinforced sheet metal to better fulfil the specific needs of the mining and industrial sector. The SAND 100 litres model, in addition to making processing easier, protects operator health in environments rich in dust and grit produced by powerful sandblasters.

**SAND 100**

Product code		Y0000220	Y0000224
POWER	Kw	4	5,5
FREQUENCY	Hz	50	50
SUPPLY VOLTAGE ¹	V	400	400
MAXIMUM NEGATIVE PRESSURE	mbar	320	300
MAXIMUM AIR FLOW RATE	m³/h	310	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	145
FILTER ²	-	Class M	Class M

OPTIONALAntistatic kit *included*

SAND cleaning kit (Basic/Pro)

Filter Cleaning System with piston (semi-automatic)

Lift kit for tank 100

CONNECTION KIT

① Connection fitting

② Hose clamp (2 Pcs)

③ Hose

¹ Other voltages and frequencies available upon request

² Other filter media available upon request

Industrial vacuum cleaner

SAND TR**INDUSTRIAL VACUUM CLEANER FOR SAND BLASTING**

The TR vacuum cleaners, from the Sand line, are used for the collection of dust and sand-blasting in industrial environments, where efficient extraction is required in order to keep the working environment clean and the operators' health protected. The collection hopper allows the material to be stored and the manual valve at the base facilitates its discharge directly into the sandblaster by moving the vacuum cleaner via the lifting supports.

**SAND TR 5,5-550**

Product code		
POWER	Kw	5,5
FREQUENCY	Hz	50
SUPPLY VOLTAGE ¹	V	400
MAXIMUM NEGATIVE PRESSURE	mbar	310
MAXIMUM AIR FLOW RATE	m ³ /h	550
INLET DIAMETER	ømm	100/Tangential
NUMBER OF INLETS	n	1
CONTAINER CAPACITY	Lt	200
DIMENSION	HxLxW cm	220* 91* 84
WEIGHT	Kg	190
FILTER ²	-	Class M

OPTIONALAntistatic kit *included*

SAND cleaning kit (Basic/Pro)

Filter Cleaning System with piston (semi-automatic)

CONNECTION KIT

- ① Connection fitting
- ② Hose clamp (2 Pcs)
- ③ Hose

¹ Other voltages and frequencies available upon request

² Other filter media available upon request

Industrial vacuum cleaner

SAND CUSTOM**INDUSTRIAL VACUUM CLEANER FOR SAND BLASTING**

The vacuum cleaners in the SAND line are created to fulfil specific CUSTOMER requests. iVision has developed centralised suction systems with the continuous discharging system with rotary valve that operates continuously and discharges the material directly into containers housed inside the box (a big bag, a contained or your sandblaster).

The System is built with heavy duty metalwork designed and tested specifically for intensive and special uses. This particular system makes it possible to position your sandblaster under the rotary valve, so that the material lands directly in it. It features a cyclonic pre-filter system for dedusting grits and discharging the heavy part into big bags/container/sandblaster. An additional sieve to separate grit is set up to avoid too big particles from getting into the sandblaster. The separate 4-independent cartridge cleaning System allows maximum efficiency of the System at all times. iVision© touch screen system allows full control of the system and its efficiency in an easy and intuitive way.



Also available in the **4.0 CONNECTED** version

SAND CUSTOM

Product code		Q0000412	Y0000236
POWER	Kw	18,5	25
FREQUENCY	Hz	50	50
SUPPLY VOLTAGE ¹	V	400	400
MAXIMUM NEGATIVE PRESSURE	mbar	320	320
MAXIMUM AIR FLOW RATE	m³/h	1350	2050
INLET DIAMETER	ømm	100	100
NUMBER OF INLETS	n	1	1
CONTAINER CAPACITY	Lt	continuous discharging	continuous discharging
DIMENSION	HxLxW cm	-	-
WEIGHT	Kg	-	-
FILTER ²	-	Class M	Class M

OPTIONAL

Antistatic kit included **included**

SAND cleaning kit (Basic/Pro)

Suction kit for sandblasting

Human machine interface HMI kit