



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



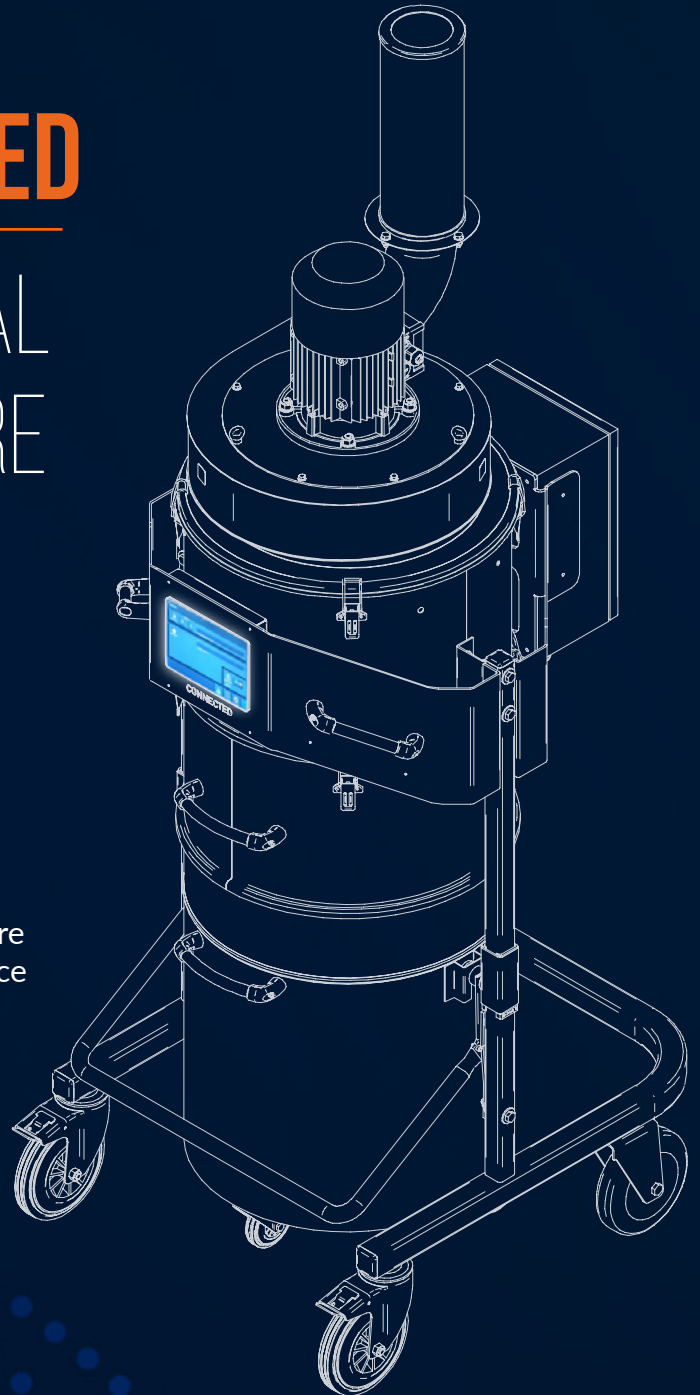


SMART CONNECTED

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 SMART CONNECTED

A simple and intuitive dashboard shows in real time the operating parameters of Smart 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.

A redesigned tangential inlet for improved cycloning capacity and an anti-static kit as standard equipment are included in the vacuum cleaner. In addition, the revisited cleaning system ensures a significantly improved cleaning of the standard, anti-static filter.



SAND 100

Product code		SA2H040	SA2H055
POWER	Kw	4	5,5
FREQUENCY	Hz	50	50
SUPPLY VOLTAGE ¹	V	400	400
MAXIMUM NEGATIVE PRESSURE	mbar	300	300
MAXIMUM AIR FLOW RATE	m ³ /h	320	550
INLET DIAMETER	ømm	100	100
NUMBER OF INLETS	n	1 Tangential	1 Tangential
CONTAINER CAPACITY	Lt	100	100
SOUND PRESSURE LEVEL <small>(IEC 60704-2-1:200)</small>	dB(A)	69	80
DIMENSION	HxLxW cm	152*104*73	152*104*73
WEIGHT	Kg	115	145
FILTER ²	-	Conical Shaft Class M Antistatic	Conical Shaft Class M Antistatic
FILTER AREA	m ²	1	1
TYPE OF FILTER CLEANING STANDARD CONFIGURATION		Vibration	Vibration
PREMIUM FILTER	-	Cartridge Class M Antistatic	Cartridge Class M Antistatic
PREMIUM FILTER AREA	m ²	1,8	1,8
TYPE OF FILTER CLEANING PREMIUM CONFIGURATION		With compressed Counterflow air Pulses	With compressed Counterflow air Pulses

ACCESSORIES and OPTIONAL

Connection Kit (fitting+clamps+tube)

★ PREMIUM CONFIGURATION

SAND cleaning kit (Basic/Pro)

Different filter cleaning (for Standard/Premium configuration)

Lift kit for tank 100

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.

The vacuum cleaner is equipped with a deflector inside the inlet nozzle to improve the suction performance. Anti-static kit as standard equipment are included in the vacuum cleaner

**SAND TR 7,5-550**

Product code		
POWER	Kw	7,5
FREQUENCY	Hz	50
SUPPLY VOLTAGE ¹	V	400
MAXIMUM NEGATIVE PRESSURE	mbar	320
MAXIMUM AIR FLOW RATE	m ³ /h	550
INLET DIAMETER	ømm	100
NUMBER OF INLETS	n	1 Tangential
CONTAINER CAPACITY	Lt	190
SOUND PRESSURE LEVEL <small>(IEC 60704-2-1:200)</small>	dB(A)	79
DIMENSION	HxLxW cm	128*88*236
WEIGHT	Kg	245
FILTER ²	-	Conical Shaft/Star Class M Antistatic
FILTER AREA	m ²	2,25
TYPE OF FILTER CLEANING		Hand Shaking

ACCESSORIES and OPTIONAL

Connection Kit *(fitting+clamps+tube)*

SAND cleaning kit (Basic/Pro)

Different filter cleaning (for Standard/Premium configuration)

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.



SAND CUSTOM

Also available in the **SMART CONNECTED** version

Product code		SA6H185	SA6H250
POWER	Kw	18,5	25
FREQUENCY	Hz	50	50
SUPPLY VOLTAGE	V	400	400
MAXIMUM NEGATIVE PRESSURE	mbar	320	320
MAXIMUM AIR FLOW RATE	m ³ /h	1350	2050
INLET DIAMETER	ømm	160	160
NUMBER OF INLETS	n	1 Tangential	1 Tangential
CONTAINER CAPACITY	Lt	Continuous Discharging	Continuous Discharging
SOUND PRESSURE LEVEL <small>(IEC 60704-2-1:200)</small>	dB(A)	75	75
DIMENSION	HxLxW cm	-	-
WEIGHT	Kg	-	-
FILTER	-	Cartridge Class M Antistatic	Cartridge Class M Antistatic
FILTER AREA	m ²	25,32	25,32
TYPE OF FILTER CLEANING PREMIUM CONFIGURATION		With compressed Counterflow air Pulses	With compressed Counterflow air Pulses

★
PREMIUM

ACCESSORIES and OPTIONAL

Connection Kit *(fitting+clamps+tube)*

★ **PREMIUM CONFIGURATION**

SAND cleaning kit (Basic/Pro)

Suction kit for sandblasting

Kit human machine interface HMI