



**100% POLISH  
PRODUCT**

**CE  
CERTIFIED**

**SANT-TECH®**  
*Custom Manufacturing, Fabrication & Assembly of Industrial Machinery*

**SANDBLAST  
CABINETS  
SHOT BLAST  
CABINETS**

**seria PEKO**  
(economical)

**GUARANTEE  
DOOR TO DOOR**  
2 YEARS WARRANTY + 3 YEARS (OPTION)



PEKO Sandblast cabinets / Shot blast cabinets are one of the most popular devices for cleaning surfaces using the abrasive blasting methods which can be found in our offer.

SANT-TECH is a renowned manufacturer of abrasive blasting machines and devices which are characterized by very attractive value for money.



The said devices have been designed and produced in Poland.

Their solid, rigid structure is fully welded from thick sheet metal and steel sections. PEKO blasting cabinets are powder coated both externally and internally. Our devices are equipped with proven components, which guarantee long-lasting, reliable work.

PEKO sandblast cabinets are highly recognized by our clients due to their infallibility, massive welded structure (without riveting or heat sealing), high quality, affordable price and low maintenance costs.

They are used i.a. at paint and body shops, paint shops, companies renovating car parts and everywhere one wants to have various elements of different size quickly sandblasted at a reasonable price.

PEKO sandblast cabinets come in two sizes: PEKO 100 and PEKO 140. They are equipped with injector system „i” or pressure system „c”



PEKO sandblast cabinets are offered together with ZO dust extraction systems ( EKO series ) or without dust extraction system (if client already has one ).

All devices from the PEKO series are off-the-shelf, and thanks to high stock level we guarantee swift availability of spare parts and consumables.



For those who do not want to invest cash we offer leasing agreement thanks to SANT-TECH Business SmartPlan.



We use components of renowned companies in our PEKO series sandblast cabinets shot blast cabinets:



## Along with every PEKO device we provide:



Full compliance with UDT (required certificates, passports and attestations)



User's manuals together with technical and engineering documentation (in Polish)



Certificates of conformity CE



24- month warranty, one can also buy an additional 36-month warranty which becomes effective after the basic 24 - month warranty expires



We provide DOOR to DOOR service during the warranty period (we dispatch courier from client's site to Sant-Tech and back again at our own expense)



Spare parts and consumables are available in 24 hours (working days) – applies to warranty as well as post-warranty period.



The set comes with a list of most frequently changed consumables, so that the client can get them earlier and avoid outage of sandblasting equipment



We guarantee professional product service (consulting), fast handling of service orders, both warranty and post-warranty



All our devices are made solely using brand-new and tested components



Devices are produced in Poland



If the set is being bought (PEKO series sandblast cabinet + ZO EKO series dust extraction system) we always deliver a complete, professional sandblasting (shot blasting, glass bead blasting, etc.) package. It is comprised of, according to the chosen option, PEKO 100i injector sandblast cabinet or PEKO 100c pressure sandblast cabinet with ZO-100EKO dust extraction system, alternatively PEKO 140i injector or PEKO-140c pressure sand blast cabinet with ZO-150EKO dust extraction system and all the necessary accessories. **All you need to do is link the compressor to the set, fill the tank with abradant and the package is fully ready to be used.**



Should the purchase comprise only of sandblast cabinet, cleaning machine or PEKO grid blast cabinet we always deliver a complete, ready to work PEKO sandblast cabinet with all the necessary accessories. However, in such a case dust extraction system needs to be bought separately – client can purchase it at Sant-Tech company or adjust other dust extraction system with proper working parameters.



Should the client not have the compressor available, we can offer a proper compressor from our catalogue. We have a broad range of proven sandblasting compressors.



Please do set up a test meeting! We perform them on our own, or, should the client wish so, on their own materials.



## Qualities and standard equipment of PEKO sandblast cabinets („i” injector as well as „c” pressure):

- designed for constant professional work
- abradant circulates in closed circuit, which prevents dusting on the outside of the sandblasting chamber (EHS regulations regarding dusting are being met)
- the machine is delivered along with a high-class industrial nozzle made from tungsten carbide (size of the nozzle can be arranged, our client advisor will be glad to help)
- highly practical and ergonomic control panel with in-built Japanese pressure adjuster along with a big and readable Italian manometer – thanks to those instruments we can constantly control the sand blasting parameters
- extremely comfortable, practical and reliable pneumatic control over sandblast cabinet’s work via integrated, Italian foot pedal







- **removable, high quality protective gloves**, integrated with the sandblast cabinet, resistant to mechanical damage encountered by sandblasting. Gloves are padded with coldproof foam, coated with PVC and linen lining. The gloves are made according to the EC directive 89/686/EWG, they have all required attestations and certificates in this regard.
- the device allows for detail processing under pressure of up to 10 Bar (optimal: 4-8 Bar)
- **lighting of the cubicle with high quality LED floodlights** which provide proper comfort of work
- our original air circulation, enhancing visibility during the sandblasting process
- **abrasion-resisting hosepipes, intended for sandblasting, shot blasting, glass bead blasting etc.**
- double locks on cubicle's door ensuring integrity of the sandblast cabinet
- removable glass pane at viewport, made from safe glass
- panoramic viewport **without dead angle**
- pneumatic connection on quick connectors
- working surface of the cubicle (**strengthened working table**) lined with thick perforated **sheet metal** with vents of proper size - first filter of bigger particulate matter

- **additional removable sieve** for filtering of the residue during sandblasting (e.g. pieces of metal)
- easily removable protective foil for the protection of the specular glass pane included
- cubicle equipped with adapter which allows for mounting of the injector set interchangeably with the pressure set at any given moment. Thanks to this solution there is no need to buy two chambers.
- the cubicle doors were equipped with professional triple hinges
- **peripheral seals from micro-rubber** which allow for dustless work and prevent the abrasant from getting out of the sandblasting machine during work

- **cubicle doors are cambered internally** with additional splines which prevent the abrasant from scattering while operating the door



- **VIP steering valve** by Italian company **OMAL**
- special adapter allowing for easier adaptation of the PEKO cubicle without a turntable into a cubicle with a turntable



Pressure sandblast cabinets „c” (PEKO 100c and PEKO 140c) are all equipped with a default, complete advanced set for pressure sandblasting along with:

- attested 13L pressure vessel which allows for enhancing of the abrasant’s kinetic energy during the sandblasting by four times and more, and thus the speed of sandblasting as well
- foolproof MICRO valve dispensing the abrasant
- high-class checkvalve which does not allow for the abrasant to get inside the pneumatic circuit while the pressure vessel is being depressurized
- industrial CLEMCO or CONTRACOR nozzle for pressure sandblasting, made from tungsten carbide, with rubber coating, coarse thread (50mm diameter) and lifespan of up to 400 hours. Those nozzles are technically Venturi tubes (convergent and divergent) - that is why the sandblasting is more effective by as much as 40% in comparison to standard cylindrical nozzles of the same diameter.

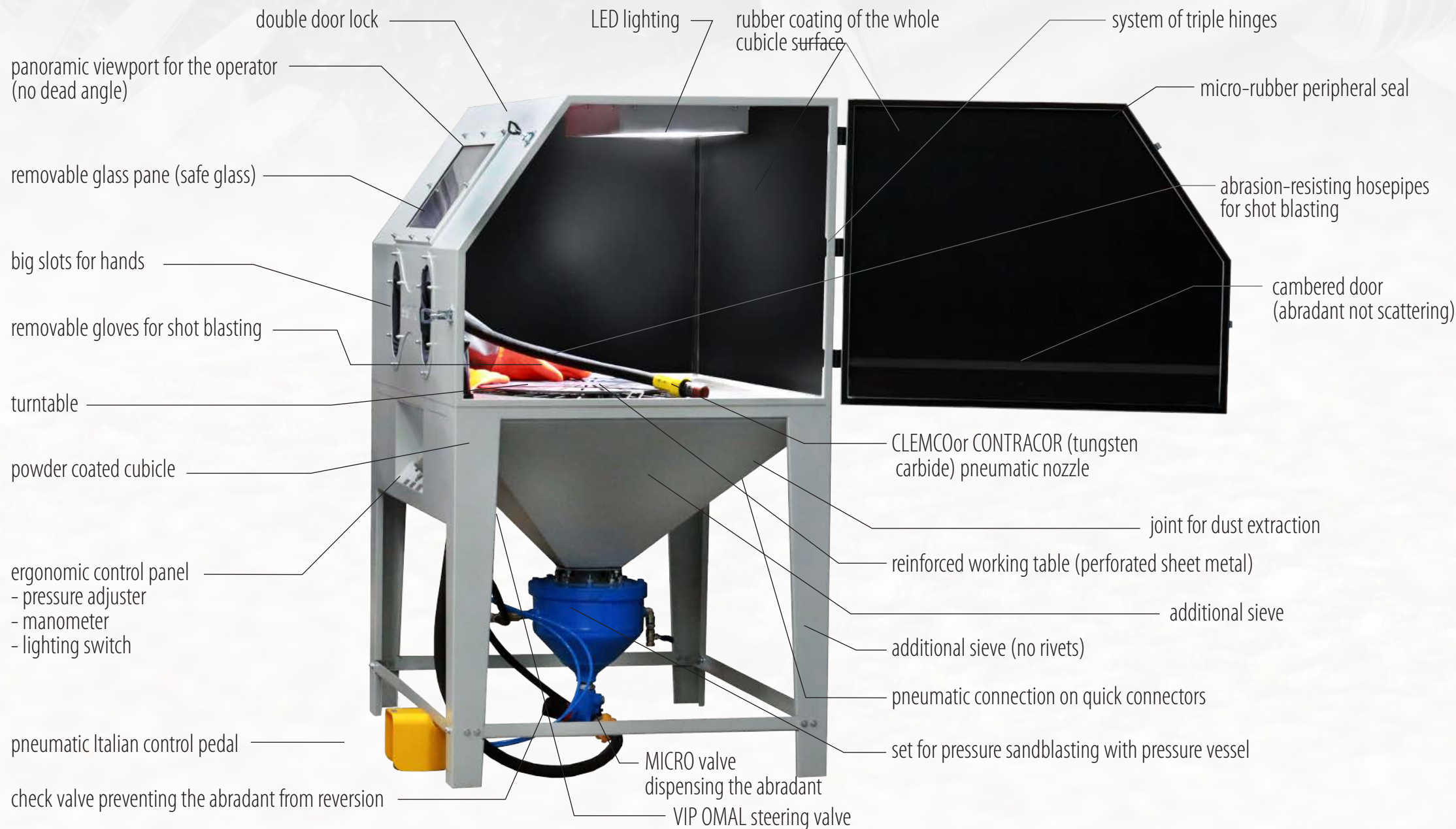


## Technical parameters of PEKO pressure sandblast cabinets:

Technical parameters of PEKO 100c sandblast cabinets (pressure):	
capacity of the pressure vessel	13 litres
construction type	welded from sheet metal (2 and 3 mm) and steel sections (no rivets)
anticorrosive protection	kabina lakierowana proszkowo z zewnątrz i wewnątrz
device dimensions (bre. x dep. x hei.)	1050 mm / 850 mm / 1780 mm
working space (bre. x dep. x hei.)	1000 mm / 750 mm / 700 mm
overall cubicle capacity with the funnel	662 litres
weight of the device	150 kg
load capacity of the working table	150 kg
optimal working pressure	4-8 bar
air demand	from 1000 l/min (60 m3/h)
power supply	230 V, 50 Hz
type of supported abrasant	aluminium oxide, silicon carbide, steel shot, glass microballs, other

Technical parameters of PEKO 140c sandblast cabinets (pressure):	
capacity of the pressure vessel	13 litres
construction type	welded from sheet metal (2 and 3 mm) and steel sections (no rivets)
anticorrosive protection	kabina lakierowana proszkowo z zewnątrz i wewnątrz
device dimensions (bre. x dep. x hei.)	1450 mm / 1060 mm / 1780 mm
working space (bre. x dep. x hei.)	1400 mm / 1000 mm / 700 mm
overall cubicle capacity with the funnel	1357 litrów
weight of the device	170 kg
load capacity of the working table	150 kg
optimal working pressure	4-8 bar
air demand	from 1000 l/min (60 m3/h)
power supply	230 V, 50 Hz
type of supported abrasant	aluminium oxide, silicon carbide, steel shot, glass microballs, other





Key elements of PEKO sandblast cabinets , pressure version (PEKO100c and PEKO 140c)



**Injector sandblast cabinets „i”** (PEKO 100i and PEKO 140i) contain a default complete injector sandblasting set along with:

- high-class, well-tried, foolproof spray gun for injector sandblasting (BNP type)
- tungsten carbide nozzle



### Optional equipment (possible expansion) for PEKO sandblasters:

- rubber coating of the whole working area in the cubicle with 2 - mm, highly abrasion – resisting rubber
- through holes in the door for sandblasting of long profiles



- turntable (diameter - 650 mm), load capacity - 100 kg

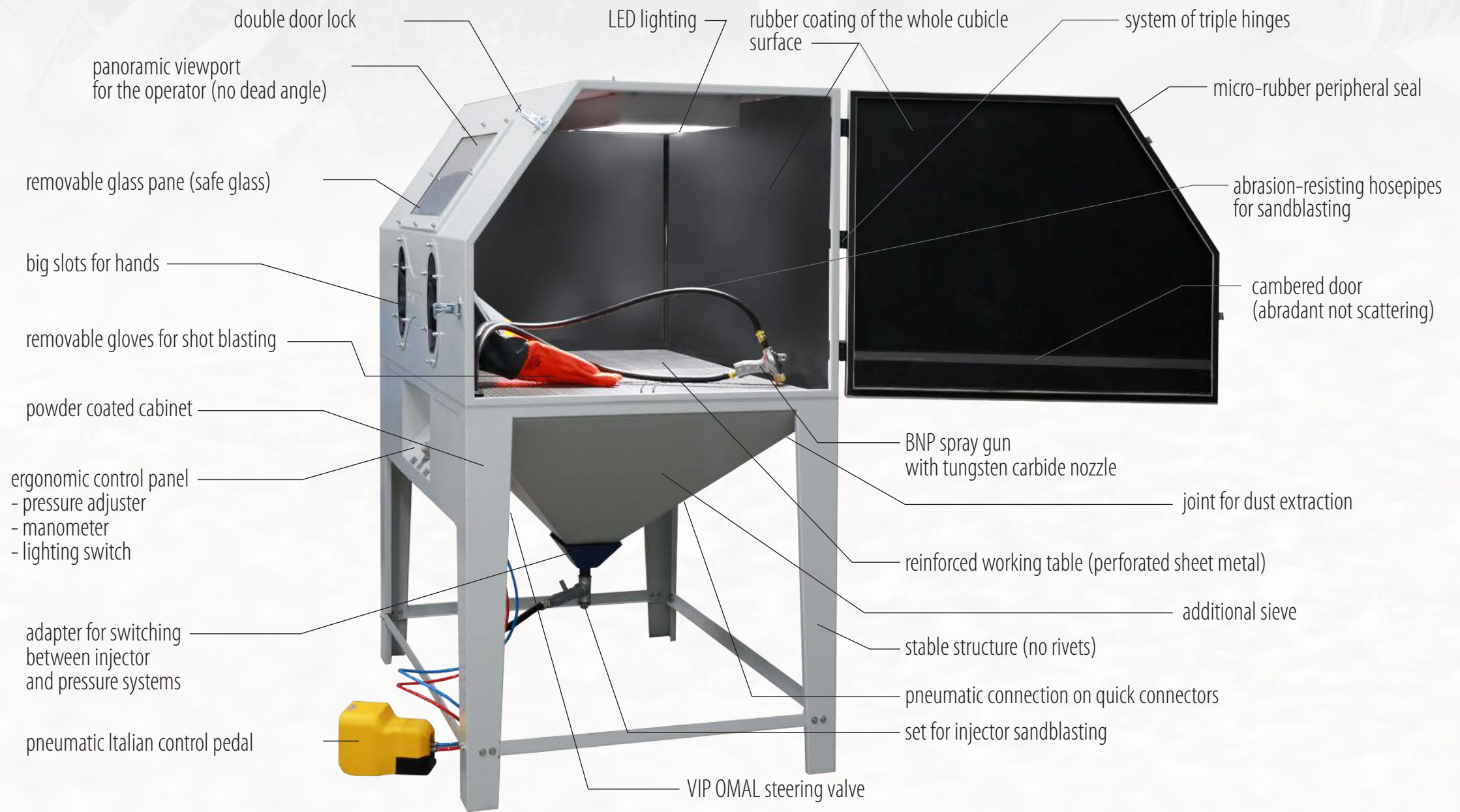


### Technical parameters of PEKO injector sandblast cabinets:

Technical parameters of PEKO 100i sandblast cabinets (injector):	
construction type	welded from sheet metal (2 and 3 mm) and steel sections (no rivets)
anticorrosive protection	powder coated cubicle (outside and inside)
device dimensions (bre. x dep. x hei.)	1050 mm / 850 mm / 1780 mm
working space (bre. x dep. x hei.)	1000 mm / 750 mm / 700 mm
overall cubicle capacity with the funnel	662 litres
weight of the device	120 kg
load capacity of the working table	150 kg
optimal working pressure	4-8 bar
air demand	od 700 l/min (42 m3/h)
power supply	230 V, 50 Hz

Technical parameters of PEKO 140i sandblast cabinets (injector):	
construction type	welded from sheet metal (2 and 3 mm) and steel sections (no rivets)
anticorrosive protection	powder coated cubicle (outside and inside)
device dimensions (bre. x dep. x hei.)	1450 mm / 1060 mm / 1780 mm
working space (bre. x dep. x hei.)	1400 mm / 1000 mm / 700 mm
overall cubicle capacity with the funnel	1357 litres
weight of the device	140 kg
load capacity of the working table	150 kg
optimal working pressure	4-8 bar
air demand	od 700 l/min (42 m3/h)
power supply	230 V, 50 Hz





Key elements of PEKO sandblast cabinets, injector version (PEKO100i and PEKO 140i)

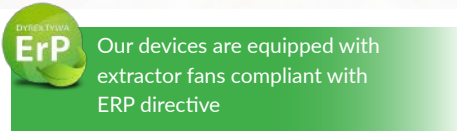


## Extraction systems, dust collectors for PEKO sandblast cabinets

We offer ZO-100EKO and ZO-150EKO dust collectors for PEKO sandblast cabinets. They are vacuum duster units designed for collecting dust and solid particles from metal, stone, wood, glass and plastic processing machines. They are particularly used with sandblasting equipment.

For PEKO 100i and PEKO 100c sandblast cabinets we recommend ZO-100EKO dust collectors

For PEKO 140i and PEKO 140c sandblast cabinets we recommend ZO-150EKO dust collectors



## Standard components for ZO EKO dust collector (ZO-100EKO and ZO -150EKO):

- foolproof centrifugal fan
- filter cartridge made of non-woven polyester, reinforced with inner net
- easy-to-empty drawer waste container
- well-adjusted for continuous work
- adjustable thrust dampener
- extraction door equipped with triple hinges
- peripheral seals ensuring dust-free work and dust not getting out from the collector during work



## Optional components (possible expansion) for ZO EKO dust collectors:

- automated flicking system for filter cartridge  
Automated flicking system for filter cartridge allows for effective work of extraction system/ dust collector. It also significantly lengthens filter's lifespan.
- LDC silencing system  
LDC silencing system significantly reduces volume of working extraction system.



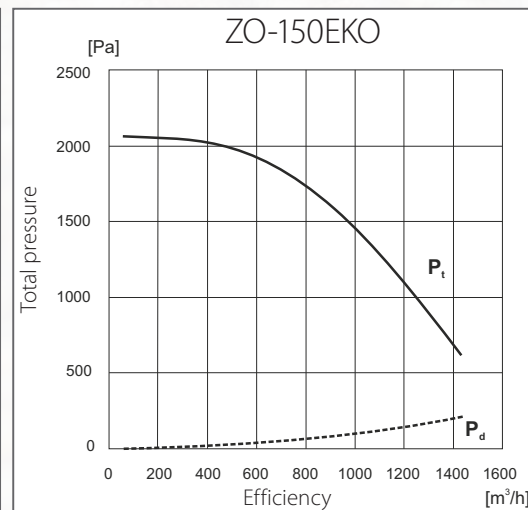
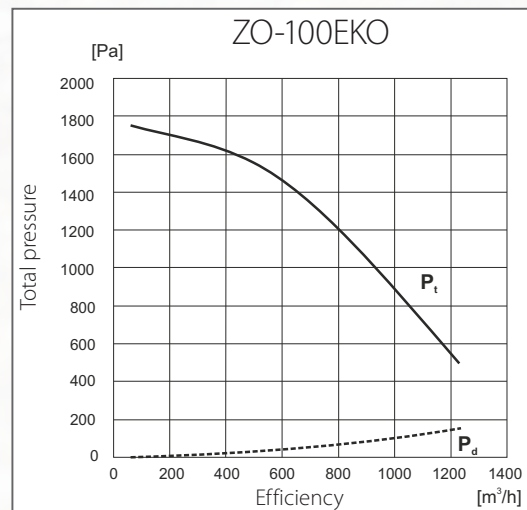


## Technical parameters of EKO extraction

Technical parameters of ZO-100EKO dust collectors:	
construction type	welded from sheet metal ( 2 and 3 mm) and steel sections (no rivets)
anticorrosive protection	powder coated cubicle (inside and outside)
device dimensions (bre. x dep. x hei.)	610 mm / 750 mm / 1000 mm
power	0,55 kW
filtration area	6 m <sup>2</sup>
max output	1250 m <sup>3</sup> /h
filtration accuracy	99,95 %
max level of noise (when using LDC damper)	75 dB*
volume of dust container	15 litrów
DN vent diameter	100 mm
basis weight of filtering material	260 g/m <sup>2</sup>
weight	70 kg
power supply	400 V, 50 Hz

\* when using LDC damper

Technical parameters of ZO-150EKO dust collectors:	
construction type	welded from sheet metal ( 2 and 3 mm) and steel sections (no rivets)
anticorrosive protection	powder coated cubicle (inside and outside)
device dimensions (bre. x dep. x hei.)	610 mm / 750 mm / 1600 mm
power	0,75 kW
filtration area	10 m <sup>2</sup>
max output	1450 m <sup>3</sup> /h
filtration accuracy	99,95 %
max level of noise (when using LDC damper)	75 dB*
volume of dust container	39 litrów
DN vent diameter	150 mm
basis weight of filtering material	260 g/m <sup>2</sup>
weight	100 kg
power supply	400 V, 50 Hz



Producer reserves the right to modify and enhance devices presented in the catalogue.

## Accessories and consumables

We offer well-proven and economical compressors to accompany our product range. We also offer broad range of accessories and consumables for each model of sandblast cabinet. In our standing offer you will find nozzles, abrasants, hosepipes, protective gloves, reusable abrasants etc.





# SANT-TECH BUSINESS SMARTPLAN

**SANT-TECH Business SmartPlan** program means minimising your company's expenses. Together with leading leasing companies we have prepared **attractive leasing offers** just for Sant-Tech clients!

- minimal personal capital commitment (initial fee ranging from 0 %)
- low and predictable exploitation costs
- tax benefits - leasing rates constitute tax deductible expenses which lowers the taxation base
- deduction of VAT-u from monthly rates
- easy and swift access to modern technologies
- all formalities will be completed in your company
- user-friendly equipment
- full technical support, during both warranty and post-warranty period







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*Custom Manufacturing, Fabrication & Assembly of Industrial Machinery*

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