



**Technical data blasting cabinet ST 700 PS**

Blasting chamber inner dimensions: W = 740 mm  
D = 760 mm  
H = 490 mm

Working platform height: 900 mm

Total dimensions: W = 1270 mm  
D = 1050 mm  
H = 1640 mm

loading capacity working platform: 50 kg  
Blasting pistol: SPI 28  
Blasting nozzle (ceramic): 6,5 mm  
Air nozzle diameter: 3 mm  
Compressed air consumption: 22 m<sup>3</sup>/h  
Blasting pressure: 5 bar

Dust collector unit type: 2,5 P/s  
Exhausting capacity: 150 m<sup>3</sup>/h  
Ventilator driving motor: 0,25 kW  
Filtering surface: 2,5 m<sup>2</sup>

Total weight: 280 kg

**Attention: Compressed air must be dry and free of oil**

SPECIFICATIONS AND PRICES ARE SUBJECT TO CHANGE UNTIL ORDER ACCEPTANCE.



**M250907HK Rösler-Injection-Hand Blasting Cabin ST 700 PS**

for derusting, descaling, de-coating, deburring, cleaning, roughning, matting etc. of work-pieces with blasting media of your choice consisting of:

- cabin made of solid and robust profiled reinforced steel sheet (3 mm thick), welded construction, without opportunity of blasting media deposit
- front door easy to handle as upward folding slide; door can be folded-up and opened over the whole cabin breadth and approx. up to the middle of the cabin; easy sliding guiding and support rollers, **gas pressure springs** for balancing and reducing the handling force needed, all sealings are outside the blasting zone
- big dimensioned control window with inner pane as wear protection (easy to change without special tools) and outer pane as safety glass
- handling holes with double special rubber cuffs, high wear resistant and star shaped slashed hand hole openings, height approx. 1100 mm (in center) **Note:** Higher position of the handling holes of 50 mm, 100 mm or 150 mm can be offered after request
- wear protected "Halogen" flood lights to illuminate the cabin inside, mounted outside on the cabin roof (200 W)
- easy replaceable, strut strengthened and perforated work piece desk (two parts)
- abrasive recycling system with riser type airwash separator (pre-separator) placed on the cabin back wall, adjustable by throttle valve
- funnel shaped cabin bottom with drain off bowl, adjusting tube and hose connection to the blasting pistol. Adaption of two blasting pistols possible.
- injection blasting pistol SPI 28 with easy changable ceramic air- and blasting nozzle as well as flexible blasting pistol holder, control valve to regulate the blasting pressure, complete with pressure gauge, integrated in the right cabin bottom frame.
- electrical switch board with all instrumentsto grant a safe and undisturbed machine operation, electric elements, push buttons and control lamps used by respecting the valid IEC/VDE standards operating voltage: 400/230 V; 50 Hz Voltage variatons of +/- 10 % are allowed. Are higher variations occuring, respective additional equipment is necessary
  - ready for connection with CEE-plug
  - electric cable of 5 m length incl.
  - isolation measured according to EN
- starting and ending of blasting cycle by foot switch
- safety device to avoid blasting while the cabin door is open or to interrupt blasting when the door will be opened.
- dust collector unit as impulse cartridge type filter including connecting tube to blasting cabin and dust container
- cartridge cleaning with clock pulse control and air pressure impulse



**Supplementary equipment**

**xxxx-xx Air nozzle ø 3 mm**

For blast gun SPI 28  
Inside diameter: 3 mm

**C2501047 Borcarbide designed blasting nozzle**

instead of the standard ceramic-blasting-nozzle  
- diameter: 6,5 mm

**C2501003 Working gloves in rubber (pair)**

with sleeve

**xxxx-xx Working grate**

A heavy-duty, reinforced with cross-beams and perforated steel plate serves as working platform.



## Options

### C2501039 Insert sieve in the blow-off funnel

- mesh width: 3 mm

### C2501004 Tumbling Basket Insert

for treating bulk material in a perforated basket

- diameter: 250 mm
- basket perforation: 3 mm
- loading capacity: 2,3 kg
- equipped with mixing strips inside for a better mixing

### C2501015 Rotating Table for Rotating Equipment

- solid, robust construction
- the rotating table is screwed down on the rotating equipment
- diameter: 300 mm
- carrying capacity: 50 kg

### C2501040 Electric Drive Unit

with a star-shaped support for the rotary basket/rotary table/turnstile

- drive motor (0,25 kW) mounted outside
- stepless adjustable drive 5 - 15 rpm
- complete aggregate which can be tilted and easily be taken out of the cabin
- inclusive timer
- adjusted to the size of the machine

### C2501030 Blasting cabin lined with rubber

- back wall and two side walls
- for wear protection
- covered with rubber or polyurethan

### C2501031 Cabin funnel coating

- in order to protect against abrasion
- with rubber or sprayed PU

### C2501053 Blow off nozzle placed outside of the cabin

- Nozzle designed as gun
- with spiral hose
- incl. fixing



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## **Quotation no. 10168/05** **for one off Rösler Blasting Cabinet, type ST 700 PS**

The Rösler blasting cabinets are used worldwide for cleaning, deburring, roughening, deflashing, matt finishing and shot peening a large variety of materials.

### **Advantages:**

- Compact, solid and reliable type of construction
- Frontal roll-up door, giving unlimited accessibility to the blasting chamber
- Easy access for loading by crane or fork lift truck
- Efficient dust collector equipped with cartridge filter
- Accessories for manual or semi-automatic operation
- Injector blasting system or impulse pressure blasting system

**Innovative**

**Efficient**

**Economical**

**Time saving**

**Environmentally clean**

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