Suction Blast Cabinets: Blasting Cabinet - Gläsner ECONOMIC

PRODUCT SPECIFICATIONS

Section I. Company Identification

Product Name	**Suction Blast Cabinets: Blasting Cabinet - Gläsner ECONOMIC**
Manufacturer	Gläsner Sandstrahl Maschinenbau GmbH, Germany
Distributor	**GritSablare** Official Romanian Partner of Gläsner

Headquarter:	10 Eliza Zamfirescu Leonida Street, Bucharest
Storage & Logistic:	Termele Romane Street (between Gate 1 / Gate 2), Constanța Seaport, Romania
Phone:	(+4) 0722.279.481
Fax:	(+4) 0372.870.589
Email:	comercialgritsablare@gmail.com
Website:	www.gritsablare.ro

Section II. Advantages

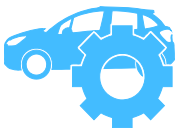
Overview:

- Compact and elegant design
- Very easy handling
- Small media consumption
- Efficient space utilisation
- Highly efficient dust removal
- Efficient Operation
- Environment-friendly operation without dust nuisance
- Adjustable media consumption

GritSablare
Tel.: (+4) 0722.279.481 **Fax:** (+4) 0372.870.589
Email: comercialgritsablare@gmail.com **Web:** www.gritsablare.ro

Section III. Blasting Usage


Car Rims


Car Parts


Gears


Agriculture


Tools


Marble


Wood

Section IV. Product Description

Summary:

- Cabinet made of 2mm sheet steel with foot pedal
- Complete blast media recirculation
- Tank for fast blast media changeover
- Internal lighting of workspace
- Standard blast head and blast gun
- All required compressed air and blast media hoses
- Window of 400 x 500 mm for optimal view
- Attached standard filter system 0,55 kW (Test emission: < 5 mg/m³)

- The Cabinet is made of durable sheet steel, welded and strengthened with rectangle tube profiles. It comes with adjustable media consumption, a blast media collection bin, a draining cup for blast media and a sieve to separate blast media from contaminations.
- The cabinet has two lateral openings with sealing sliders for rod materials sized 240*240 mm.
- A perforated metal plate with enforcements for loads up to 200 kg (plates for higher loads optional available).
- The system has a sectional door that opens the complete workspace. It opens to the top, requires therefore few space and is accessible for cranes.
- The Cabinet comes with a door-safety switch, two large operation holes (300 mm diameter) with multiple rubber Sealings or built-in rubber gloves (optional).
- 1 monitoring window, sized 400x500 mm, with easy changeable glass/safety-glass panes and a quick release frame, as well as 2 durable pneumatic springs for easy opening and closing of the cabinet door.
- 1 Goliath-lamp, attached from the outside, as internal lighting of the workspace, 38 W.
- Injector-type blast head made of durable grey cast iron, with air- and blast nozzle made of hardened steel (7 mm diameter, other sizes optional available).
- The system comes with all necessary compressed air and blast media hoses, attached oil-water separator and manometer to adjust the required blast pressure, an electrical magnet valve and a foot switch to start and stop the operation.
- On/Off switch, for lighting and dust filter system, with attached (or optional free standing) dust filter system with implemented dust filter cartridge (8 m² filter space), mounted intermediate pressure turbine with a capacity of 1.000 m³/h.
- 3-phase motor, 0,55 kW (1,1 kW with model ECONOMIC 1500)
- Optional AC-Motor, 230 V.
- Adjustable exhaustion system with dust collection bag
- The cabinet is powder-coated, coloured RAL 7040.

GritSablare
Tel.: (+4) 0722.279.481 **Fax:** (+4) 0372.870.589
Email: comercialgritsablare@gmail.com **Web:** www.gritsablare.ro

Section V. Model Dimensions

Model	Economic 1000	Economic 1250	Economic 1500	Economic 2000
Workspace-Width	1000 mm	1250 mm	1500 mm	2000 mm
Workspace-Depth	900 mm	900 mm	1150 mm	1150 mm
Workspace-Height	900 mm	900 mm	900 mm	900 mm
Total height of cabinet	2200 mm	2200 mm	2200 mm	2200 mm

Section VI. Compressed Air Consumption Table

For different nozzle sizes
Please use this table to indicate the needed blast nozzle or the capacity of your existing compressor.

Air Nozzle	Blast Nozzle	Compressed Air Capacity
2,0 mm	5,0 mm	250 - 300 litres/min.
2,5 mm	6,0 mm	350 - 400 litres/min.
3,0 mm	7,0 mm	400 - 500 litres/min.
3,5 mm	7,0 mm	600 - 700 litres/min.
4,0 mm	8,0 mm	800 - 1000 litres/min.

Section VII. Optional equipment

- Blast nozzle with hard-metal insert
- Blast nozzle with boron carbide insert (recommended when using corundum or silicon blast media)
- Large blast head (instead of normal-sized blast head) with built-in boron-carbid-nozzle and cone attachment 10 – 15 mm diameter for highest blast performance (When using the large blast head the next larger filter unit has to be used)
- Manual operated turntable, 300-500 mm diameter, weight bearing capacity approx. 200 kg
- Opening gates in custom-made sizes
- Lining of blast cabin with special rubber material
- Foot switch, pressing and locking
- Enhanced dust filter system (when using large blast head)
- Manual cleaning device for dust filter
- Automatic cleaning device for dust filter system, incl. electrical controls
- Storage tank, for automatic cleaning device required
- Turn table – motor driven, 300-1000 mm diameter, customized for each cabin size
- Turn table – motor driven, 300-1000 mm diameter, with variable speed control
- Turn table – manual extendable, 300-500 mm diameter, 150 kg weight bearing capacity, with 1000 mm railway, without sinkhole
- Turn basket, 8 l capacity, without timer

- Turn basket,12 l capacity, without timer
- Turn basket, 20 l capacity, without timer
- Timer
- Variable speed control
- Sound absorber, attached to fresh air connector
- Rubber plate, 3 mm thick, with 10 mm perforation, protect the metal grid
- Blow off gun
- Pneumatic door lifting device
- Operating hours counter, installed in control panel
- Special-sandblasting protective gloves, model "R", implemented