

Airblast Technical data

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Suction blast cabinet RSKI



Technical highlights:

- ▶ Frontal door provides opening to the blast chamber to the center of the work piece floor grate
- ▶ Work piece loading with crane or forklift truck with ease
- ▶ Large inspection window arranged at a steep angle to enable clear viewing
- ▶ Integrated high performance cartridge dust collector
- ▶ All seals placed outside of the blast zone
- ▶ Pressure or suction blast system
- ▶ Auxiliary coarse particle screen supplied as standard
- ▶ Compact and proven equipment design
- ▶ Lighting arranged externally through separate opening in the ceiling
- ▶ No pockets for potential blast media deposits on the inside of the cabin
- ▶ Various accessories for manual or semi-automatic operation

Dimensions and technical data:	RSKI 700	RSKI 1000	RSKI 1400
Overall width (mm)	1.070	1.370	1.770
Overall depth (mm)	1.700	1.930	2.010
Overall height (mm)	1.710	1.740	1.780
Blast chamber width (mm)	690	990	1.390
Blast chamber depth (mm)	750	1.000	1.070
Blast chamber height (mm)	600	710	740
Suction blast gun	SPI 28	SPI 38	SPI 38
Quantity (pieces)	1 (up to 2)	1 (up to 4)	1 (up to 4)
Air nozzle Ø (mm)	2,0-3,0	3,0-6,0	3,0-6,0
Blast nozzle Ø (mm)	6,5	8,0-14,0	8,0-14,0
Blast nozzle material	Ceramic/boron carbide	Steel/boron carbide	Steel/boron carbide
Compressed air requirements/ nozzle at 3 bars (m³/h)	20	20-80	20-80
Accessories			
Rotary basket/turn table	•/•	•/•	•/•
Satellite stations SAT (pieces)	-	12	18
Special accessories	-	•	•
Air volume dust collector (m³/h)	150	300	600

• = series
- = not available

Pressure blast cabinet RSKD



Technical highlights:

- ▶ Frontal door provides opening for the blast chamber to the center of the work piece floor grate
- ▶ Work piece loading with crane or forklift truck with ease
- ▶ Large inspection window arranged at a steep angle to enable clear viewing
- ▶ Integrated high performance cartridge dust collector
- ▶ All seals placed outside of the blast zone
- ▶ Pressure or suction blast system
- ▶ Auxiliary coarse particle screen supplied as standard
- ▶ Compact and proven equipment design
- ▶ Lighting arranged externally through separate opening in the ceiling
- ▶ No pockets for potential blast media deposits on the inside of the cabin
- ▶ Various accessories for manual or semi-automatic operation

Dimensions and technical data:	RSKD 1000	RSKD 1400
Overall width (mm)	1.590	2.010
Overall depth (mm)	2.840	2.890
Overall height (mm)	2.480	2.580
Blast chamber width (mm)	990	1.390
Blast chamber depth (mm)	1.000	1.070
Blast chamber height (mm)	710	740
Pressure blast gun	SPD 38	SPD 38
Quantity (pieces)	1	1
Blast nozzle Ø (mm)	8,0-14,0	8,0-14,0
Blast nozzle material	Steel/boron carbide	Steel/boron carbide
Compressed air requirements/ nozzle at 3 bars (m³/h)	115-335	115-335
Volume of pressure pot (l)	25	25
Accessories		
Pedestal, pressure pot	•	•
Pressure pot located near the cyclone	•	•
Rotary basket/turntable	•/•	•/•
Satellite stations SAT (pieces)	12	18
Air volume dust collector (m³/h)	1.000	1.000

• = series

Swing table blast machine RWT



Technical highlights:

- ▶ Designed for processing of rotational symmetric work pieces, for example, gear components
- ▶ Fully automatic work piece loading/unloading possible
- ▶ Numerous tools for precise control of the complete blast process

Dimensions and technical data:	RWT 1000	RWT 1400
Overall width (mm)	1.450	1.850
Overall depth (mm)	1.500	2.630
Overall height (mm)	3.050	3.050
Suction blasting	•	•
Pressure blasting	o	o
Max. work piece size Ø (mm)	200 x 400	350 x 400
Max. work piece weight (kg)	10	10
Quantity of workstations	1+1	1+1
Standard nozzle quantity (pieces)	1	1
Single step movement	•	•
Double step movement	-	o
Air volume dust collector (m ³ /h)	1.000	1.000

• = series
- = not available
o = optional

Satellite table blast machine RSA



Technical highlights:

- ▶ Designed for processing of rotational symmetric work pieces
- ▶ Fully automatic work piece loading/unloading possible
- ▶ Separate blow-off section
- ▶ Short cycle times possible
- ▶ Large maintenance doors
- ▶ Numerous tools for precise control of the complete blast process

Dimensions and technical data:	RSA 1400-S6	RSA 1400-S8	RSA 1400-S10	RSA 1400-S12
Overall width (mm)	1.550	1.550	1.550	1.550
Overall depth (mm)	1.950	1.950	1.950	1.950
Overall height (mm)	2.650	2.650	2.650	2.650
Suction blasting	•	•	•	•
Pressure blasting	o	o	o	o
Max. work piece size Ø (mm)	230 x 300	230 x 300	230 x 300	230 x 300
Max. work piece weight (kg)	10	10	10	10
Quantity of satellite stations	6	8	10	12
Standard nozzle quantity	4	4	4	4
Single step movement	•	•	-	-
Double step movement	-	o	•	•
Control panel with PLC	•	•	•	•
Air volume dust collector (m ³ /h)	2.000	2.000	2.000	2.000

• = series
- = not available
o = optional

Tumble belt blast machine RMBC - suction



Technical highlights:

- ▶ The right machine size for every application
- ▶ Ideal for batch processing of work pieces that are not fragile
- ▶ Perforated transport belt made from rubber
- ▶ Perforation from 3-8 mm, depending on the work piece size & shape
- ▶ Many options for work piece loading/unloading
- ▶ Also available with a pressure blast system
- ▶ Depending on the application, also available with explosion protected or wet dust collectors

Technical data:	RMBC 1.1-Inj.	RMBC 2.1-Inj.
Tumble belt	perforated rubber belt	perforated rubber belt
Standard perforation size Ø (mm)	8	8
Blast gun	SPI 38	SPI 38
Nozzle quantity	6	8
Max. batch size by volume (dm ³)	90	160
Max. batch size by weight (kg)	300	400
Manual lift gate	•	•
Air volume dust collector (m ³ /h)	2.000	2.000
Max. single work piece weight (kg)	10	10
Blast chamber width (mm)	700	900

• = series

Continuous feed belt blast machine RBD



Technical highlights:

- ▶ Designed for large quantities of flat work pieces with simple geometry
- ▶ Also available with a suction blast system
- ▶ Blow-off station optional
- ▶ Depending on the application, also available with explosion protected or wet dust collectors

Blast machine with lateral trolley ATT



Technical highlights:

- ▶ Designed for processing of rotational symmetrical but also more complex work pieces
- ▶ Separate blow-off section with protective sidewalls
- ▶ Easily accessible external load station
- ▶ Inflatable door seals prevent media and dust escaping to the environment
- ▶ Numerous tools for precise control of the complete blast process

Technical data:	ATT 1000	ATT 1200	ATT 1500	ATT 2000
Max. work piece size Ø (mm)	1.000 x 1.000	1.200 x 1.200	1.500 x 1.500	2.000 x 2.000
Max. work piece weight (kg)	200	200	300	500
Blast process	Flexible configuration	Flexible configuration	Flexible configuration	Flexible configuration
Control panel with PLC	•	•	•	•
Automatic load station	•	•	•	•
Multi axis nozzle movement	•	•	•	•
Robotic nozzle movement	○	○	○	○
Precise positioning of the turntable	○	○	○	○
Air volume dust collector (m ³ /h)	Adapted to the respective process	Adapted to the respective process	Adapted to the respective process	Adapted to the respective process

Special sizes and higher work piece weights possible after technical consultation

• = series
○ = optional

Blast machine with swivel turntable AST



Technical highlights:

- ▶ Designed for processing of rotational symmetrical but also complex work pieces
- ▶ Design provides for use of an internal blasting lance
- ▶ Swivel turntable ensures easy accessibility
- ▶ Numerous tools for precise control of the complete blast process

Technical data:	AST 800	AST 1000	AST 1200	AST 1500
Max. work piece size Ø (mm)	800 x 1.000	1.000 x 1.000	1.200 x 1.800	1.500 x 2.000
Max. work piece weight (kg)	150	200	250	300
Blast process	Flexible configuration	Flexible configuration	Flexible configuration	Flexible configuration
Control panel with PLC	•	•	•	•
Automatic swivel turntable	•	•	•	•
Multi axis nozzle movement	•	•	•	•
Robotic nozzle movement	o	o	o	o
Satellite stations for the turntable	o	o	o	o
Internal blasting lance	o	o	o	o
Automatic tool change	-	o	o	o
Air volume dust collector (m ³ /h)	Adapted to the respective process	Adapted to the respective process	Adapted to the respective process	Adapted to the respective process

Special sizes and higher work piece weights possible after technical consultation

• = series
- = not available
o = optional

Blast machine with L-shaped door ALS



Technical highlights:

- ▶ Designed for processing large work pieces
- ▶ Design provides for use of a horizontal internal blasting lance
- ▶ Design allows horizontal and vertical processing
- ▶ L-shaped door provides complete access to the blast chamber
- ▶ Numerous tools for precise control of the complete blast process

Technical data:	ALS 2000	ALS 3000	ALS 4000
Max. work piece size (mm)	2.000 x 1.500 x 1.500	2.500 x 2.000 x 2.000	3.000 x 2.200 x 2.200
Max. work piece weight (kg)	500	1.000	1.000
Blast process	Flexible configuration	Flexible configuration	Flexible configuration
Control panel with PLC	•	•	•
Automatic sliding door	•	•	•
Robotic nozzle movement	•	•	•
Satellite stations for the turntable	o	o	o
Internal blasting lance	o	o	o
Automatic tool change	-	o	o
Manual Blasting	o	o	o
Air volume dust collector (m ³ /h)	Adapted to the respective process	Adapted to the respective process	Adapted to the respective process

Special sizes and higher work piece weights possible after technical consultation

• = series
- = not available
o = optional

Wet blast machine with revolving door ARD



Technical highlights:

- ▶ Designed for short cycle times and large work piece quantities
- ▶ Inflatable door seals prevent media and dust escaping to the environment
- ▶ Ergonomical load station facilitates work piece handling
- ▶ Numerous tools for precise control of the complete blast process

Technical data:	ARD 1400	ARD 2000	ARD 2500	ARD 3000
Max. work piece size Ø (mm)	500 x 1.000	800 x 1.000	1.000 x 1.200	1.200 x 1.200
Max. work piece weight (kg)	100	150	200	250
Blast process	Flexible configuration	Flexible configuration	Flexible configuration	Flexible configuration
Control panel with PLC	•	•	•	•
Quantity of satellite stations per 180° segment	1-4	1-4	1-6	1-8
Multi axis nozzle movement	•	•	•	•
Robotic nozzle movement	o	o	o	o
Air volume dust collector (m³/h)	Adapted to the respective process	Adapted to the respective process	Adapted to the respective process	Adapted to the respective process

Special sizes and higher work piece weights possible after technical consultation

• = series
o = optional



Germany

RÖSLER Oberflächentechnik GmbH
Werk Memmelsdorf
Vorstadt 1
D-96190 Untermmerzbach
Tel.: +49/9533/924-0
Fax: +49/9533/924-300
info@rosler.com

RÖSLER Oberflächentechnik GmbH
Werk Hausen
Hausen 1
D-96231 Bad Staffelstein
Tel.: +49/9533/924-0
Fax: +49/9533/924-300
info@rosler.com

USA

RÖSLER Metal Finishing USA, L.L.C.
1551 Denso Road
USA-Battle Creek
MI 49037
Tel.: +1/269/4413000
Fax: +1/269/4413001
rosler-us@rosler.com

France

RÖSLER France
Z.I. de la Fontaine d'Azon
CS 50513 - St. Clément
F-89105 Sens Cedex
Tel.: +33/3/86647979
Fax: +33/3/86655194
rosler-fr@rosler.com

Italy

RÖSLER Italiana S.r.l.
Via Elio Vittorini 10/12
I-20863 Concorezzo (MB)
Tel.: +39/039/611521
Fax: +39/039/6115232
rosler-it@rosler.com

Switzerland

RÖSLER Schweiz AG
Staffelbachstraße 189
Postfach 81
CH-5054 Kirchleerau
Tel.: +41/62/7385500
Fax: +41/62/7385580
rosler-ch@rosler.com

Spain

RÖSLER International GmbH & Co. KG
Sucursal en España
Polg. Ind. Cova Solera C/Roma, 7
E-08191 Rubí (Barcelona)
Tel.: +34/93/5885585
Fax: +34/93/5883209
rosler-es@rosler.com

Netherlands

RÖSLER Benelux B.V.
Reggestraat 18
NL-5347 JG Oss
Postbus 829
NL-5340 AV Oss
Tel.: +31/412/646600
Fax: +31/412/646046
rosler-nl@rosler.com

Belgium

RÖSLER Benelux B.V.
Avenue de Ramelot 6
Zoning Industriel
B-1480 Tubize (Saintes)
Tel.: +32/2/3610200
Fax: +32/2/3612831
rosler-be@rosler.com

Austria

RÖSLER Oberflächentechnik GmbH
Heimaneckgasse 15
A-1230 Wien
Tel.: +43/1/6985180-0
Fax: +43/1/6985182
rosler-at@rosler.com

Romania

RÖSLER Romania SRL
Str. Avram Iancu 39-43
RO-075100 Otopeni/ILFOV
Tel.: +40/21/352 4416
Fax: +40/21/352 4935
rosler-ro@rosler.com

Serbia

RÖSLER D.o.o
Dr. Ivana Ribara 32
SRB-11070 Novi Beograd
Tel.: +381 11 3184407
rosler-rs@rosler.com

Great Britain

RÖSLER UK
Unity Grove, School Lane
Knowsley Business Park
GB-Preescot, Merseyside L34 9GT
Tel.: +44/151/4820444
Fax: +44/151/4824400
rosler-uk@rosler.com

Russia

RÖSLER Russland
Borovaya Str. 7, bldg. 4, office 107
111020 Moscow
Tel. / Fax: +7 / 495 / 247 55 80
rosler-ru@rosler.com

Brazil

RÖSLER Otec do Brasil LTDA
Estrada dos Galdinos 35
Jd. Barbacena
06700-000 - Cotia
São Paulo - Brasil
Tel.: +55/11/46123844
Fax: +55/11/46123845
info@rosler-otec.com.br

China

RÖSLER - BEIJING
Office 11N, Tower A, Beijing Fu Hua Mansion
No. 8, Chaoyangmen North Avenue
Dong Cheng District
Beijing 100027 P.R. China
Tel.: +86/10/6554 73 86
Tel.: +86/10/6554 73 89
Fax: +86/10/6554 73 87
rosler-cn@rosler.com

India

RÖSLER SurfaceTech Pvt. Ltd.
Pune Factory No: A-29, Chakan MIDC-Phase 2
Pune-410501
Tel.: +91/2135/690202

Bangalore Office No: 9, Main Road. RT Nagar
Bangalore-560032
Tel.: +91/80 23534445
Fax: +91/80 23339165
info@rosler.net.in

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