

World-leading Surface Preparation and Finishing Solutions

Shot Blasting Machines



AIRBLAST EUROSPRAY, AN INTRODUCTION

Airblast Eurospray is one of the leading global voices in surface preparation and finishing. We design, manufacture, install and sell blast and spray equipment and facilities to some of the world's most important organisations. With roots stretching back to 1971, we're known for driving the market with innovative, technically excellent blast and paint solutions for a wide range of industries.

WORLD-LEADING BLAST AND SPRAY EXCELLENCE

Our equipment is used in many demanding environments where product integrity is vital – so we only manufacture and sell facilities and equipment that we know are:

- Robust
- Well-designed
- Powerful
- Able to deliver optimum performance – safely and efficiently

PROFESSIONAL RESULTS

We're proud to offer complete solutions for any blast and spray application with a full range of products and services to help you complete your work to a high professional standard. If you have a bespoke query or cannot locate a specific product our brochures, please contact our sales team who will be happy to help you.

KNOWLEDGE TRANSFER

Performance is nothing without knowledge - especially with safety-critical processes like blasting. That's why we provide full operator training with industry experts as well as top-up training to keep experienced operators up-to-date with the latest blast and paint technology and developments. Contact our Training Specialists on 01778 560650 to find out more.

SERVICE AND AFTERCARE

We want you to get the best from your equipment for years to come, so we offer:

- Product and facility servicing
- Service contracts with reduced parts and labour rates
- Equipment collection
- Site visits, inspection and investigation services
- Next day delivery on many products

EQUIPMENT HIRE

Want to try before you buy? Many of our products are available for hire including blast machines, coating systems, water injection pumps, vacuum transfer units, suction and pressure cabinets, dust arrestors, hand-held closed circuit blast machines, closed circuit blasting and extractor fans. Contact our Hire Team for more information.

Finance packages available to help spread the cost of purchase. Get in touch today.

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RC-LINE SHOT BLASTING MACHINES

The RC-line roller conveyer machines available in in 3 different versions. The S (Standard) and H (Heavy Duty) are shot blasting machines designed to process plates, sections, angles, pipes and others. Industries are shipyard, steel structure companies, steel stock holders, machine builders. The S & H version machines can be carried out with a pré heater, automatic painting unit and dryer.

The C (Construction) machine is specially designed for post-fab structural components to be used in industries such as shipyard, automobile, motorcycle, bridge, machine and others to be used in industries such as steel structure, machine builders, shipyards and subcontractors.



Type	S/H/C 15.410	S/H/C 25.610	S/H/C 33.801	S/H/C 45.1010
Effective cleaning width (mm)	1500	2500	3300	4500
Room feed-in size (mm)	1550x600	2600x600	3400x600	4600x600
Length of workpiece (mm)	1200-12000	3000-12000	2400-12000	4500-18000
Speed of wheel conveyer (stepless speed variation in m/min)	0.5-4	0.5-4	0.5-4	0.5-4
Thickness of steel sheet (mm)	1.5-60	3-60	3-110	4.5-100
Beam size reference (mm)	1000x300	1300x300	2 x 800x300	2 x 1000x300
Quantity of shot blasting (kg/min)	4 x 250	6 x 250	6 (8) x 360	8 x 360
First enclosed quantity (kg)	4000	4500	8000	11000
Roll brush adjusting height (mm)	600	600	600	600
Filter capacity (m ³ /hr)	8000	12000	16000	24000
Exterior size (mm)	15200 x 5370 x 6797	31200 x 8070 x 7500	44042 x 6385 x 7758	45000 x 7830 x 11117
Power (except for dust cleaning) (kw)	113.5	204.8	224.55	293.6

All machine types are available in S (Standard), H (Heavy Duty) and C (Construction) version.

SH-LINE SHOT BLASTING MACHINES

The SH-Line is compact in design, does not require a pit, and consists of units featuring single hook, double hook, lifting and non-lifting style designed to blast all kind of foundry parts, structural components, non-ferrous alloy parts.



Type	Model	Cleaning workpiece size (diameter x height)	Carrying capacity per unit hook (kg)
SH375	Single-hanger	500 x 1000	500
SH376	Single-hanger	800x1200	600
SH376E	Double-hanger	800x1200	600
SH378	Single-hanger	1000x1500	800
SH378E	Double-hanger	1000x1500	800
SH3710	Single-hanger	1200x1500	1000
SH3710E	Double-hanger	1200x1500	1000
SH3720	Single-hanger	1500x2000	2000
SH3720E	Double-hanger	1500x2000	3000
SH3730	Single-hanger	1500 x 2000	3000
SH3750	Double-hanger	2000x2500	5000

TB-LINE SHOT BLASTING MACHINES

The TB15GN, TB(R)32 and TB28GN machines can be used to remove sand and rust from cast, forged and welded parts as well as aluminum and other non-ferrous parts. This series is especially effective for hard-to-clean parts, non-fragile parts, and non-core castings. These machines are also available in full automation.



Type	TB326	TB3210	TBR3210
Productivity (T/h)	0.6 – 1.2	3 – 5	1.5 – 2.5
Loading weight (kg)	200	800	600
Max. weight of one piece (kg)	10	15	30
Diameter of roller (mm)	650	1000	1000
Available capacity (m ³)	0.15	0.4	0.3
Pill impelling volume (kg/min)	100	250	250
Dedusting air volume (m ³ /h)	2200	6000	5000
Power dissipation (kw)	12.6	32.6	24.3
Appearance dimension (mm)	3681 x 1650 x 5800	3644 x 2926 x 5856	3972 x 2600 x 4768
Total weight (kg)	2340	5843	7400

Type	TB15GN	TB28GN
Size of roller (mm)	1090 x 1245	1245 x 1778
Diameter of roller (kg)	1092	1250
Working cubage (m ³)	0.43	0.79
Max. weight of one piece (kg)	227	363
Max. size of one piece (mm)	1000	1000
Loading weight (kg)	800	3500
Pill impelling volume (kg/min)	480	340 x 2
Impeller head power (kw)	22	30

MR-LINE SHOT BLASTING MACHINES

The MR38 and MR48 are Multiple-Step Rotating Point machines featuring overhead rail and continuous duty operation.

These machines can be used to clean rust and sand from casting and work pieces to be fitted to vehicles such as bolsters and side frames, as well as other types of steel structure and mechanical parts.

These machines can be integrated in wet and powder paint lines and are very efficient and low cost maintenance.



Type	MR383/MR483	MR385/MR485	MR4810
Cleaning workpiece size (dia in mm)	800 x 1200	1000 x 1500	1000 x 2500
Number of workpiece position	2	2	2
Quantity of impeller head	4	4	6
Impeller head volume (kg/min)	4 x 250	4 x 250	6 x 250
Impeller head power (kw)	4 x 15	4 x 15	6 x 15
Max. hanging weight (kg)	300	500	1000
Productivity hanger (/h)	30 – 60	30 – 60	40 – 60
Cleaning workpiece size (mm)	7680 x 2000 x 2900	7680 x 2000 x 2900	7680 x 2000 x 3800
Total Air rate volume (m ³ /h)	17000	19000	19000
Power (except for dust cleaning) (kw)	73.15	73.15	114.72

Type	MR583	MR585	MR5810	MR588
Cleaning workpiece size (dia in mm)	800 x 1500	800 x 1200	1300 x 2800	550 x 2200
Number of workpiece position	2	3	2	2
Quantity of impeller head	4	6	6	4
Impeller head volume (kg/min)	4 x 250	6 x 360	6 x 330	4 x 480
Impeller head power (kw)	4 x 15	6 x 22	6 x 22	4 x 22
Max. hanging weight (kg)	300	500	1000	800
Productivity hanger (/h)	40	55	50	30
Cleaning workpiece size (mm)	3062 x 1800 x 2800	8500 x 1800 x 3885	8500 x 2300 x 4800	6800 x 2600 x 3325
Total Air rate volume (m ³ /h)	16000	18000	18000	17200
Power (except for dust cleaning) (kw)	74.5	186.85	186.85	121.05

HP-LINE SHOT BLASTING MACHINES

The HP-line Shot Blasting Machines are designed for mono hanger rails for heavy duty construction. industries as agriculture, automotive, steel structures, very useful for full automated production plants.

All machines can be integrated in wet and powder paint lines and are also available in custom build versions.

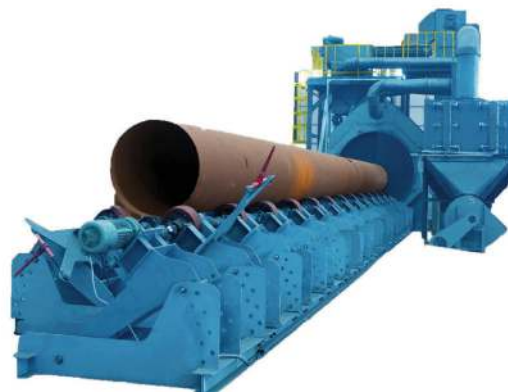


Type	HP20H	HP50H	HP3740H	HP3720H
Exterior size of cleaning casting (mm)	5880 x 3185 x 957	4000 x 3270 x 1320	2500 x 4650	2000 x 3200
Type of impeller head	XQH400	XQH400	XQH350	XQH350
Power (kw)	8 x 18.5	8 x 18.5	8 x 15	12 x 11
Quantity of shot blasting (kg/min)	8 x 280	8 x 280	8 x 250	8 x 250
Power (except for dust cleaning) (kw)	187.4	187.4	148.3	168.3
Total Air rate volume (m ³ /h)	30000	30000	19000	19000
External dimension (mm)	18000 x 8150 x 11300	21000 x 7000 x 11509	14000 x 6200 x 7500	19000 x 7200 x 7080

PB-LINE SHOT BLASTING MACHINES

The PB-Line Shot Blasting Machines (inner and outer) are suitable for the surface treatment of internal pipe and related products, available in different sizes for various industries such as oil and gas, steel stockholders and food industry.

Due to the high power turbines (45Kw) on these machines we are capable to work in high production plants. The transport system makes it possible to work with various sizes in the process.



Type	Cleaning size (diameter mm)	Cleaning speed (m/min)	Purposes
OPB100	50 – 300	2 – 10	Outer wall of of shot blasting machine
OPB720	159 – 720	2 – 6	
OPB1200	219 – 1016	1 – 6	
OPB1500	325 – 1600	1 – 6	
OPB2800	1016 – 2800	1 – 2	
IPB100	50 – 300	1 – 4	Inner wall of shot blasting machine
IPB700	325 – 720	1 – 2	
IPB1000	720 – 1016	1 – 4	
IPB1500	1016 – 1500	1 – 4	

TT-LINE SHOT BLASTING MACHINES

The TT-Line, TT36 and TT76 are designed to blast clean middle and large sized work pieces rotating on a trolley providing a bright and profiled surface, designed for heavy industries.



Type	TT365C	TT3610	TT3620	TT765C	TT76100	TT7620	TT7630
Cleaning workpiece size (mm)	2500 x 1300	2500 x 1500 x 280	4000 x 3000 x 700	2500 x 1300	2500 x 1500 x 280	4000 x 3000 x 700	4000 x 2000
Blasting capacity (kg/min)	2 x 260	4 x 250	4 x 250	2 x 260	4 x 250	4 x 250	4 x 250
Lifting capacity of elevator (t/h)	40	60	75	40	60	75	60
Separation quantity of separator (t/h)	40	60	75	40	60	75	60
Ventilation volume (m ³ /h)	13200	240000	21000	13200	240000	21000	21500
Power (except for dust cleaning) (kw)	39.2	186.45	185.25	39.2	188.45	185.25	83.2
External dimension (mm)	9000 x 4200 x 9290	14900 x 500 x 8700	16900 x 6540 x 10020	9000 x 4200 x 9290	14900 x 500 x 8700	16900 x 6540 x 10020	9168 x 7680 x 10874

RS-LINE SHOT BLASTING MACHINES

The RS265, RS2615, and the RSES1422 Round Spring shot blasting machines have been specifically designed to achieve the perfect result when blasting round springs. Round springs offer a unique blasting challenge - complete blasting coverage is vital in the critical environment in which the springs operate. Positioning of the blast wheels is crucial in achieving the desired result.



Type	RS265	RS2615	RS1422
Maximum size of cleaning work	Gear wheel: $\varnothing 1500 \times 1700$ Inner gear: $\varnothing 400 \times 2000$ Height: 200 – 500	Gear wheel: $\varnothing 3000 \times 1500$ Inner gear: $\varnothing 400 \times 2500$ Height: 200 – 500	Diameter: 50 – 300 Length: ≤ 700
Diameter of revolving table (mm)	1500	3000	-
Diameter of small movement revolving table (mm)	500	1000	-
Carrying capacity of revolving table (kg)	5000	15000	-
Power of shot blasting (kw)	3 x 18.5	3 x 18.5	30
Mobile impeller head power (kw)	1 x 18.5	1 x 18.5	-
Quantity of shot blasting (kg/min)	4 x 280	4 x 280	420
Type of dust catcher (m ³ /h)	HR4-16	HR4-32	JZC40
Total air rate volume (m ³ /h)	10000	22000	5940
Power (except for dust cleaning) (kw)	107.15	119.3	40.05
External dimension (mm)	9350 x 3750 x 8790	12000 x 5250 x 8750	8230 x 762 x 1752

TP-LINE SHOT BLASTING MACHINES

The TP-line of Turning Plate shot blasting machines are designed to blast small to medium-sized work pieces on a rotating plate. The units can be used to blast many different types of workpiece including forged and cast parts and car wheels, and provides a bright and profiled surface. Available in Ferro and non-Ferro performance.



Type	TP3512	TPF3512	TPF3525F
Dimension (diameter) of cleaning chamber (mm)	1350 x 560	1350 x 860	2854 x 560
Cleaning workpiece size (mm)	600 x 250 x 250	600 x 250 x 500	600 x 500 x 250
Turntable car	Loading weight (kg)	400	1000
	Diameter (mm)	1200	2500
Wheelblast equipment	Blasting capacity (kg)	200	2 x 250
	Power (kw)	11	2 x 15
Lifting capacity of elevator (t/h)	15	15	30
Separation quantity of separator (t/h)	15	15	30
First loading capacity (kg)	400	400	1500
Ventilation volume (m ³ /h)	2800	2800	5200
External dimension (mm)	1500 x 3450 x 3780	1900 x 1900 x 4165	4260 x 3647 x 5366
Power (except for dust cleaning) (kw)	24.5	24.5	35.2

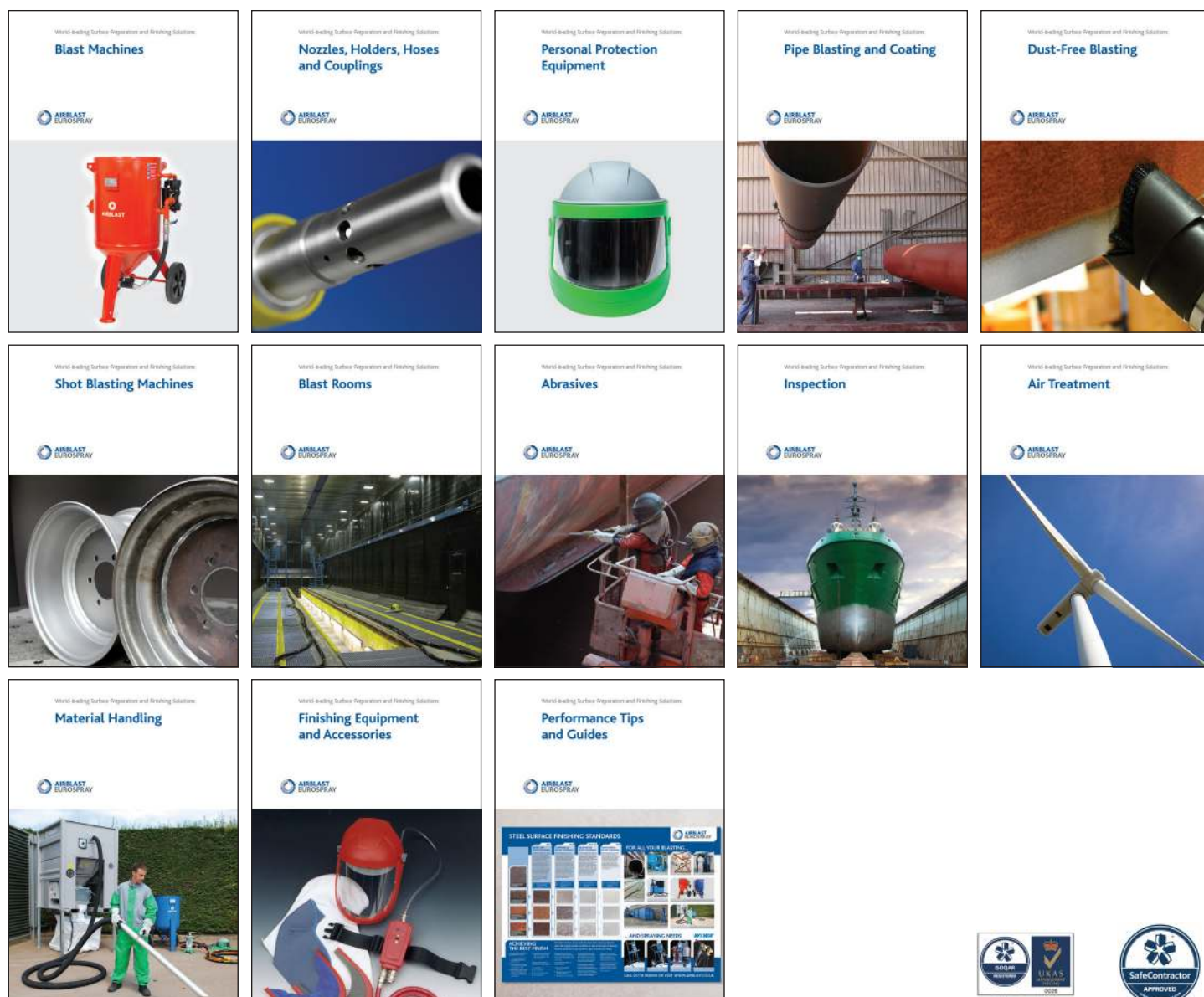
MB-LINE SHOT BLASTING MACHINES

The MB-Line Mesh Belt shot blast machines provide a frequency-controlled speed variable mesh belt surface on which a variety of parts can be uniformly blasted. The high quality mesh belt ensures that the work piece remains in the perfect position to be blasted. As each part is blasted in a controlled fashion this technology is perfect for thin-walled parts which could be damaged when impacting other parts (for example inside a tumble blasting machine). Capable of fully automatic operation, MB-Line machines are the perfect shot blasters to improve the quality and consistency of your castings, forgings, or other small parts.



Type	MB1000/4	MB1000/8	MB1250/4	MB1250/8
Net width	1000mm	1000mm	1250mm	1250mm
Maximum load capacity	1200kg	1200kg	1200kg	1200kg
Maximum workpiece weight	100kg	100kg	100kg	100kg
Maximum workpiece section size	1500 x 500mm	1500 x 500mm	1500 x 500mm	1500 x 500mm
No. of blasting wheels	4	8	4	8
Dust air volume	15000m ³ /hr	15000m ³ /hr	15000m ³ /hr	15000m ³ /hr
The total power	97.5KW	97.5KW	97.5KW	97.5KW

WORLD LEADING SURFACE PREPARATION & FINISHING SOLUTIONS



Airblast Eurospray account

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All products sold are subject to our standard Terms and Conditions, which are available on request. E&OE. Price does not include delivery.

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Contact us

For further information on how our products and services could benefit your company, please contact us by any of the means below.

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