GLOBAL supplies & engineering ltd

FLO-BLAST
nozzle engineering

brochure 2023

www.globalsupplies-online.com

Introduction

Global Supplies & Engineering Ltd is the leading manufacturer of blast cleaning nozzles in the UK after acquiring the business assets of Hydrablast, Uniblast and Bryar Group in recent years.

We market our blast cleaning nozzles under the Flo-blast trade name and use our wealth of experience and know how to design and manufacture an extensive range of nozzles and other carbide products.

Flo-blast nozzles are designed to meet the most demanding applications and are engineered using the highest grade materials to ensure excellent durability.

Maximum productivity and efficiency are achieved by end users through customising nozzle design with application needs. The use of different liners, outer protective jackets, nozzle lengths, bore sizes, thread types and entry diameters are optimised to meet customer requirements.

Nozzle selection?

Nozzle selection is critical to achieve optimum performance by blast operators and the extensive range of Flo-blast nozzles offers customers a solution to any blasting requirement.

Nozzle Type

A nozzle's bore shape and material composition will ultimately determine the blast pattern and the production efficiency of each type of nozzle when using different media.

VENTURI NOZZLES create a wider blast pattern and increase abrasive velocity by as much as 100% for a given pressure. If maximizing productivity is critical, then Venturi and XL performance nozzles are recommended. All long Venturi nozzles are available in Tungsten, Silicon, Syclone and Boron carbide, depending on the type of abrasive media you use.

DOUBLE VENTURI NOZZLES have two liners in both the converging and diverging end. The machined holes allow atmospheric air into the downstream section of the blast nozzles, which along with the wider exit section, enables the size of blast pattern to increase whilst minimizing the loss of abrasive velocity.

XL PERFORMANCE NOZZLES accelerate particles over a longer distance, achieving higher exit velocities. This allows the blast operator to stand further away from the blasting surface area, producing a larger blast pattern and increase production rates. These nozzles are also available with an eco-friendly attachable muffler to reduce the levels of noise when blasting.

WATER JET BLAST NOZZLES are manufactured to allow abrasive and water to mix inside the nozzle chamber, to minimize the level of dust during blasting. The Water Blast nozzles are supplied with a Water Blast hose connector and water control valve. This assembly allows you to control the water volume.

ANGLED NOZZLES are used when space is limited. Tight areas such as behind flanges, inside pipes or bridge lattices can be difficult to reach with a standard blast nozzle. In these situations, Angled nozzles are a good option, available with one, two or three outlets.

STRAIGHT BORE NOZZLES create a tight blast pattern and are generally used on smaller jobs that don't require high velocity abrasive cleaning.

INTERNAL PIPE CLEANING NOZZLES are manufactured to be used with Spin-blast and Hollo-Blast tools. Available with different lengths, bore sizes and replaceable HB deflector tips. The 360° nozzles that come complete with replaceable deflector tips are useful when blasting small pipes, 63.5mm to 152.4mm (2 ½" to 6").

BANANA NOZZLES are useful when blasting around tubes or curved shapes, if an area cannot be reached using a straight nozzle, then a Banana nozzle is a great choice. Available in sizes #4 through to #8 for every eventuality.

Whatever your blast requirements are, our comprehensive range of Flo-blast nozzles can meet the challenges and help you achieve high levels of productivity whilst minimizing dust generation and noise levels with our eco-friendly blast cleaning products.

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Typical Nozzle Service Life - Hours

NOZZLE MATERIAL	STEEL SHOT & GRIT MEDIA	EXPENDABLE ABRASIVES	ALUMINIUM OXIDE
Tungsten Carbide	500-800	300-400	20-40
Silicon Carbide	500-900	350-600	50-100
Syclone / Sialon	1400 - 2000	700-1400	180-800
Boron Carbide	1500-2500	750-2000	200-100

Values estimated in hours for comparison. Actual service life will vary depending on blast pressure, media size, and particle shape.

VENTURI NOZZLES

Tungsten Carbide Venturi Nozzles with Aluminium Jacket

2" UNC THREADS

PART NUMBER	DESCRIPTION	BORE SIZE	LENGTH	ENTRY DIAMETER
724000	FBC 32-3/50	4.8mm	140mm	32mm
724001	FBC 32-4/50	6.35mm	140mm	32mm
724002	FBC 32-5/50	8.0mm	150mm	32mm
724003	FBC 32-6/50	9.5mm	175mm	32mm
724004	FBC 32-7/50	11.0mm	205mm	32mm
724005	FBC 32-8/50	12.5mm	235mm	32mm
724006	FBC 32-10/50	16.0mm	235mm	32mm
724007	FBC 32-12/50	19.0mm	235mm	32mm

PART NUMBER	DESCRIPTION	BORE SIZE	LENGTH	ENTRY DIAMETER
724010	FBC 3/50	4.8mm	140mm	25mm
724011	FBC 4/50	6.35mm	140mm	25mm
724012	FBC 5/50	8.0mm	150mm	25mm
724013	FBC 6/50	9.5mm	175mm	25mm
724014	FBC 7/50	11.0mm	205mm	25mm
724015	FBC 8/50	12.5mm	235mm	25mm

Tungsten Carbide Venturi Nozzles with Acetal Jacket

2" UNC THREADS

PART NUMBER	DESCRIPTION	BORE SIZE	LENGTH	ENTRY DIAMETER
754000	FBN 32-3/50	4.8mm	140mm	32mm
754001	FBN 32-4/50	6.35mm	140mm	32mm
754002	FBN 32-5/50	8.0mm	150mm	32mm
754003	FBN 32-6/50	9.5mm	175mm	32mm
754004	FBN 32-7/50	11.0mm	205mm	32mm
754005	FBN 32-8/50	12.5mm	235mm	32mm
754006	FBN 32-10/50	16.0mm	235mm	32mm
754007	FBN 32-12/50	19.0mm	235mm	32mm

PART NUMBER	DESCRIPTION	BORE SIZE	LENGTH	ENTRY DIAMETER
754010	FBN 3/50	4.8mm	140mm	25mm
754011	FBN 4/50	6.35mm	140mm	25mm
754012	FBN 5/50	8.0mm	150mm	25mm
754013	FBN 6/50	9.5mm	175mm	25mm
754014	FBN 7/50	11.0mm	205mm	25mm
754015	FBN 8/50	12.5mm	235mm	25mm

VENTURI NOZZLES WITH DURAGRIP SLEEVE

Tungsten Carbide Venturi Nozzles with Aluminium Jacket & Duragrip Sleeve

2" UNC THREADS

PART NUMBER	DESCRIPTION	BORE SIZE	LENGTH	ENTRY DIAMETER
724184	FBDS 32-3/50	4.8mm	140mm	32mm
724185	FBDS 32-4/50	6.35mm	140mm	32mm
724186	FBDS 32-5/50	8.0mm	150mm	32mm
724187	FBDS 32-6/50	9.5mm	175mm	32mm
724188	FBDS 32-7/50	11.0mm	205mm	32mm
724189	FBDS 32-8/50	12.5mm	235mm	32mm
724190	FBDS 32-10/50	16.0mm	235mm	32mm
724191	FBDS 32-12/50	19.0mm	235mm	32mm

Tungsten Carbide Venturi Nozzles with Rubber Jacket

2" UNC THREADS

PART NUMBER	DESCRIPTION	BORE SIZE	LENGTH	ENTRY DIAMETER
424001	TCR 32-4/50	6.35mm	140mm	32mm
424002	TCR 32-5/50	8.0mm	150mm	32mm
424003	TCR 32-6/50	9.5mm	175mm	32mm
424004	TCR 32-7/50	11.0mm	205mm	32mm
424005	TCR 32-8/50	12.5mm	235mm	32mm

SILICON CARBIDE VENTURI NOZZLES

Silicon Carbide Venturi Nozzles with Acetal Jacket

2" UNC THREADS

PART NUMBER	DESCRIPTION	BORE SIZE	LENGTH	ENTRY DIAMETER
755001	FBSC 3/50	4.8mm	115mm	25mm
755002	FBSC 4/50	6.35mm	140mm	25mm

PART NUMBER	DESCRIPTION	BORE SIZE	LENGTH	ENTRY DIAMETER
755008	FBSC 32-3/50	4.8mm	140mm	32mm
755009	FBSC 32-4/50	6.35mm	140mm	32mm
755010	FBSC 32-5/50	8.0mm	150mm	32mm
755011	FBSC 32-6/50	9.5mm	175mm	32mm
755012	FBSC 32-7/50	11.0mm	205mm	32mm
755013	FBSC 32-8/50	12.5mm	235mm	32mm

SYCLONE NOZZLES

Sialon Venturi Nozzle with Acetal Jacket

2" UNC THREADS

PART NUMBER	DESCRIPTION	BORE SIZE	LENGTH	ENTRY DIAMETER
784001	FBZ 32-4/50	6.35mm	140mm	32mm
784002	FBZ 32-5/50	8.0mm	150mm	32mm
784003	FBZ 32-6/50	9.5mm	175mm	32mm
784004	FBZ 32-7/50	11.0mm	205mm	32mm
784005	FBZ 32-8/50	12.5mm	235mm	32mm

BORON CARBIDE NOZZLES

Boron Carbide Venturi Nozzles with Aluminium Jacket & Rubber Sleeve

2" UNC THREADS

PART NUMBER	DESCRIPTION	BORE SIZE	LENGTH	ENTRY DIAMETER
234010	FBBC 3/50	4.8mm	135mm	25mm
234011	FBBC 4/50	6.35mm	140mm	25mm
234012	FBBC 5/50	8.0mm	145mm	25mm
234013	FBBC 6/50	9.5mm	170mm	25mm
234014	FBBC 7/50	11.0mm	195mm	25mm
234015	FBBC 8/50	12.5mm	220mm	25mm

PART NUMBER	DESCRIPTION	BORE SIZE	LENGTH	ENTRY DIAMETER
234000	FBBC 32-3/50	4.8mm	135mm	32mm
234001	FBBC 32-4/50	6.35mm	140mm	32mm
234002	FBBC 32-5/50	8.0mm	145mm	32mm
234003	FBBC 32-6/50	9.5mm	170mm	32mm
234004	FBBC 32-7/50	11.0mm	195mm	32mm
234005	FBBC 32-8/50	12.5mm	205mm	32mm

XI Perormance Boron Carbide Venturi Liner with Aluminium Jacket & Rubber Sleeve

2" UNC THREADS

PART NUMBER	DESCRIPTION	BORE SIZE	LENGTH	ENTRY DIAMETER
290001	XL-FBBC 32-4/50	6.35mm	350mm	32mm
290002	XL-FBBC 32-5/50	8.0mm	350mm	32mm
290003	XL-FBBC 32-6/50	9.5mm	350mm	32mm
290004	XL-FBBC 32-7/50	11.0mm	350mm	32mm
290005	XL-FBBC 32-8/50	12.5mm	350mm	32mm
290006	XL-FBBC 32-10/50	16.0mm	350mm	32mm

XI Perormance Boron Carbide Nozzle with Silencer

2" UNC THREADS

PART NUMBER	DESCRIPTION	BORE SIZE	LENGTH	ENTRY DIAMETER
007-110	FBS-110	11.0mm	405mm	32mm
007-025	FBS-025	25.0mm	125mm	25mm
007-000	FBS-000		38mm	

WATERJET NOZZLES

Tungsten Carbide Venturi Liner with Aluminium Jacket & Water Jet System

2" UNC THREADS

PART NUMBER	DESCRIPTION	BORE SIZE	LENGTH	ENTRY DIAMETER
728005	FBWJ 3/50	4.8mm	120mm	25mm
728006	FBWJ 4/50	6.35mm	150mm	25mm
728007	FBWJ 5/50	8.0mm	160mm	25mm
728008	FBWJ 6/50	9.5mm	170mm	25mm
728009	FBWJ 7/50	11.0mm	210mm	25mm
728010	FBWJ 8/50	12.5mm	235mm	25mm

ANGLED NOZZLES

2″ UNC THREADS

PART NUMBER	DESCRIPTION	BORE SIZE	LENGTH	ENTRY DIAMETER
724090	FBA 2 x 1/50	1 X 3.2mm	88mm	25mm
724091	FBA 2 x 2/50	2 X 3.2mm	88mm	25mm
724092	FBA 2 x 3/50	3 X 3.2mm	88mm	25mm
724093	FBA 3 x 1/50	1 X 4.8mm	88mm	25mm
724094	FBA 3 x 2/50	2 X 4.8mm	88mm	25mm
724095	FBA 3 x 3/50	3 X 4.8mm	88mm	25mm
724096	FBA 4 x 1/50	1 X 6.35mm	88mm	25mm
724097	FBA 4 x 2/50	2 X 6.35mm	88mm	25mm
724098	FBA 4 x 3/50	3 X 6.35mm	88mm	25mm
724099	FBA 5 x 1/50	1 X 8.0mm	88mm	25mm
724100	FBA 5 x 2/50	2 X 8.0mm	88mm	25mm
724101	FBA 5 x 3/50	3 X 8.0mm	88mm	25mm
724102	FBA 6 x 1/50	1 X 9.5mm	88mm	25mm
724103	FBA 6 x 2/50	2 X 9.5mm	88mm	25mm
724104	FBA 6 x 3/50	3 X 9.5mm	88mm	25mm

Tungsten Carbide 45° Angled Nozzles with Aluminium Jacket

Tungsten Carbide 90° Angled Nozzles with Aluminium Jacket

2″ UNC THREADS

PART NUMBER	DESCRIPTION	BORE SIZE	LENGTH	ENTRY DIAMETER
724302	FBA 6 x 1/50	1 X 9.5mm	88mm	25mm

Tungsten Carbide 45° Mini Angled Nozzles with Aluminium Jacket

NPSM THREADS

PART NUMBER	DESCRIPTION	BORE SIZE	LENGTH	ENTRY DIAMETER
534146	FBMA 1 x 4	1 X 6.35mm	54mm	13mm
534147	FBMA 1 x 5	1 X 8.0mm	54mm	13mm
534148	FBMA 1 x 6	1 X 9.5mm	54mm	13mm

BANANA BLAST NOZZLES

Boron Carbide 40° Banana Blast Nozzles with Aluminium Jacket

2" UNC THREADS

PART NUMBER	DESCRIPTION	BORE SIZE	LENGTH	ENTRY DIAMETER
234104	BN-4	6.35mm	115mm	25mm
234105	BN-5	8.0mm	115mm	25mm
234106	BN-6	9.5mm	115mm	25mm
234107	BN-7	11.0mm	115mm	25mm
234108	BN-8	12.5mm	115mm	25mm

DOUBLE VENTURI NOZZLES

Tungsten Carbide Double Venturi Nozzles with Aluminium and Steel Jacket

2″ UNC THREADS

PART NUMBER	DESCRIPTION	BORE SIZE	LENGTH	ENTRY DIAMETER
724200	FBDV 25-4/50	6.35mm	146mm	25mm
724201	FBDV 25-5/50	8.0mm	162mm	25mm
724202	FBDV 25-6/50	9.5mm	176mm	25mm
724203	FBDV 25-7/50	11.0mm	216mm	25mm
724204	FBDV 25-8/50	12.5mm	235mm	25mm

STICK-UP NOZZLES

Tungsten Carbide Liner with Aluminium Jacket "Stick-Up" Nozzles

FOR 1" (25MM) ID BLAST HOSES

PART NUMBER	DESCRIPTION	BORE SIZE	LENGTH	ENTRY DIAMETER
724179	FBSU 4/25	6.35mm	110mm	20mm
724180	FBSU 5/25	8.0mm	110mm	20mm
724181	FBSU 6/25	9.5mm	110mm	20mm

FOR 1 ¼" (32MM) ID BLAST HOSES

PART NUMBER	DESCRIPTION	BORE SIZE	LENGTH	ENTRY DIAMETER
724182	FBSU 5/32	8.0mm	115mm	24mm
724183	FBSU 6/32	9.5mm	115mm	24mm
724177	FBSU 7/32	11.0mm	115mm	24mm
724178	FBSU 8/32	12.5mm	115mm	24mm

INTERNAL PIPE BLAST NOZZLES

SPIN-BLAST NOZZLES

Tungsten Carbide Liner with Aluminium Jacket Spin - Blast Nozzles

2" NPSM THREADS

PART NUMBER	DESCRIPTION	BORE SIZE	LENGTH	ENTRY DIAMETER
724170	FBSB 13	6.35mm	55mm	13mm
724171	FBSB 14	8.0mm	55mm	13mm
724172	FBSB 15	8.0mm	85mm	13mm
724173	FBSB 16	9.5mm	55mm	13mm
724174	FBSB 17	9.5mm	108mm	13mm

HOLLO-BLAST NOZZLES

Tungsten Carbide Liner with Aluminium Jacket Hollo-Blast Nozzles

PART NUMBER	DESCRIPTION	BORE SIZE	LENGTH	ENTRY DIAMETER
724195	FBHB 8	12.5mm	82mm	30mm
724196	FBHB 10	16.0mm	97mm	30mm
G1052-07	FBHB-TIP	4.3mm	23.5mm	

360° NOZZLE

Tungsten Carbide Liner with Aluminium Jacket "360°" Blast Nozzle

2" UNC THREAD

PART NUMBER	DESCRIPTION	BORE SIZE	LENGTH	ENTRY DIAMETER
360000	FB-360	75mm	32mm	30mm
360007	FB-TIP-360		42mm	

SHORT VENTURI NOZZLES

Tungsten Carbide Short Venturi Liner with Aluminium Jacket

2" UNC THREAD

PART NUMBER	DESCRIPTION	BORE SIZE	LENGTH	ENTRY DIAMETER
724041	FBDV 32-4/50	6.35mm	85mm	32mm
724042	FBDV 32-5/50	8.0mm	85mm	32mm
724043	FBDV 32-6/50	9.5mm	85mm	32mm
724044	FBDV 32-7/50	11.0mm	85mm	32mm
724045	FBDV 32-8/50	12.5mm	85mm	32mm

PART NUMBER	DESCRIPTION	BORE SIZE	LENGTH	ENTRY DIAMETER
724050	FBDV 3/50	4.8mm	85mm	25mm
724051	FBDV 4/50	6.35mm	85mm	25mm
724052	FBDV 5/50	8.0mm	85mm	25mm
724053	FBDV 6/50	9.5mm	85mm	25mm
724054	FBDV 7/50	11.0mm	85mm	25mm
724055	FBDV 8/50	12.5mm	85mm	25mm

STRAIGHT BORE NOZZLES

Tungsten Carbide Straight Bore Nozzles

UNC THREADS

PART NUMBER	DESCRIPTION	BORE SIZE	LENGTH	ENTRY DIAMETER
724130	FBSB 2	3.2mm	45mm	13mm
724131	FBSB 3	4.8mm	45mm	13mm
724132	FBSB 4	6.35mm	45mm	13mm
724133	FBSB 5	8.0mm	45mm	13mm
724134	FBSB 6	9.5mm	45mm	13mm
724136	FBSB 7	11.0mm	45mm	13mm
724135	FBSB 8	12.5mm	45mm	13mm

NPSM THREADS

PART NUMBER	DESCRIPTION	BORE SIZE	LENGTH	ENTRY DIAMETER
724140	FBSBF 2	3.2mm	45mm	13mm
724141	FBSBF 3	4.8mm	45mm	13mm
724142	FBSBF 4	6.35mm	45mm	13mm
724143	FBSBF 5	8.0mm	45mm	13mm
724144	FBSBF 6	9.5mm	45mm	13mm
724146	FBSBF 7	11.0mm	45mm	13mm
724145	FBSBF 8	12.5mm	45mm	13mm

Boron Straight Bore Nozzles

UNC THREADS

PART NUMBER	DESCRIPTION	BORE SIZE	LENGTH	ENTRY DIAMETER
724130-X	FBSBX 2	3.2mm	45mm	13mm
724131-X	FBSBX 3	4.8mm	45mm	13mm
724132-X	FBSBX 4	6.35mm	45mm	13mm
724133-X	FBSBX 5	8.0mm	45mm	13mm
724134-X	FBSBX 6	9.5mm	45mm	13mm
724136-X	FBSBX 7	11.0mm	45mm	13mm
724135-X	FBSBX 8	12.5mm	45mm	13mm

NPSM THREADS

PART NUMBER	DESCRIPTION	BORE SIZE	LENGTH	ENTRY DIAMETER
724140-X	FBSBFX 2	3.2mm	45mm	13mm
724141-X	FBSBFX 3	4.8mm	45mm	13mm
724142-X	FBSBFX 4	6.35mm	45mm	13mm
724143-X	FBSBFX 5	8.0mm	45mm	13mm
724144-X	FBSBFX 6	9.5mm	45mm	13mm
724146-X	FBSBFX 7	11.0mm	45mm	13mm
724145-X	FBSBFX 8	12.5mm	45mm	13mm

Short Straight Bore Nozzle with Aluminium Jacket

NPSM THREADS

PART NUMBER	DESCRIPTION	BORE SIZE	LENGTH	ENTRY DIAMETER
524050	FBSSB-8	12.5mm	50mm	25mm

Tungsten Carbide Flanged Nozzle with Aluminium Jacket

PART NUMBER	DESCRIPTION	BORE SIZE	LENGTH	ENTRY DIAMETER
G1052-16	FBGN-6	9.5mm	86mm	19mm

TUNGSTEN CARBIDE

TUNGSTEN CARBIDE WEAR PARTS

PART NUMBER	DESCRIPTION	BORE SIZE	LENGTH
G1052-04	THROAT SLEEVE	4MM	64MM
G1052-05	THROAT SLEEVE	4MM	57MM
G1052-06	HEMISPHERE		9.5MM
G1052-07	DEFLECTION TIP	4.3mm	23.5MM
G1052-08	ANGLED LINER	8MM	25MM
G1052-09	STEM SUPPORT		12MM
G1052-10	ANGLED LINER	6MM	20MM
G1052-18	CARBIDE WASHER		

THROAT SLEEVE

HEMISPHERE

DEFLECTION TIP

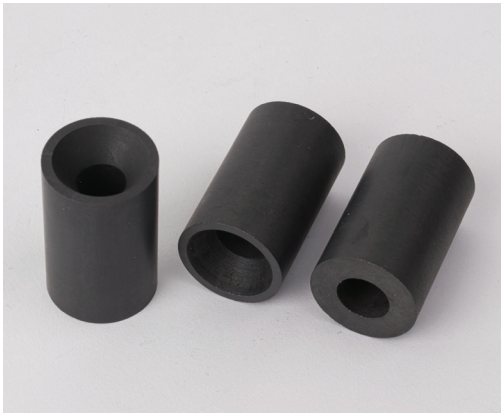
ANGLED LINER

STEM SUPPORT

ANGLED LINER

CARBIDE WASHER

BORON CARBIDE STRAIGHT BORE INSERTS



PART NUMBER	DESCRIPTION	BORE SIZE	LENGTH
MBIZ 060	BCI-4	6.0mm	36mm
MBIZ 080	BCI-5	8.0mm	36mm
MBIZ 090	BCI-6	9.5mm	36mm
MBIZ 110	BCI-7	11.0mm	36mm
MBIZ 125	BCI-8	12.5mm	36mm

Rubber Gaskets

NG32 – USED WITH 32mm ENTRY NOZZLES

NG25 – USED WITH 25mm ENTRY NOZZLES

NG0 – USED WITH 13mm ENTRY NOZZLES

NGS – USED WITH XL SILENCER NOZZLES

NOZZLE AIR & PRESSURE REQUIREMENTS CHART

Nozzle Bore Size	Air, Power & Abrasive Requirements	Nozzle Pressure PSI (BAR)						
		50 (3.45)	60 (4.14)	70 (4.83)	80 (5.52)	90 (6.21)	100 (6.89)	125 (8.62)
1/8 inch (3.2mm)	Air - cu ft/min (cu m/min)	12 (0.34)	13 (0.37)	15 (0.42)	18 (0.51)	19 (0.54)	21 (0.59)	26 (0.74)
	Horsepower - hp (kW)	1.75 (1.30)	2 (1.49)	2.5 (1.86)	3 (2.24)	3.5 (2.61)	4 (2.98)	6 (4.47)
	Abrasive - lb/hr (kg/hr)	70 (32)	80 (36)	90 (41)	100 (45)	110 (50)	120 (54)	135 (61)
3/16 inch (4.8mm)	Air - cu ft/min (cu m/min)	25 (0.71)	30 (0.85)	35 (0.99)	40 (1.13)	43 (1.22)	45 (1.27)	60 (1.70)
	Horsepower - hp (kW)	5 (3.73)	8 (5.97)	9 (6.71)	9.5 (7.08)	10 (7.46)	10.5 (7.83)	16 (11.93)
	Abrasive - lb/hr (kg/hr)	150 (68)	170 (77)	200 (91)	215 (98)	240 (109)	16 (11.93)	320 (145)
¼ inch (6.35mm)	Air - cu ft/min (cu m/min)	50 (1.42)	55 (1.56)	60 (1.70)	70 (1.98)	75 (2.12)	80 (2.27)	95 (2.69)
	Horsepower - hp (kW)	10 (7.46)	12 (8.95)	13 (9.69)	16 (11.93)	17 (12.68)	18 (13.42)	25 (18.64)
	Abrasive - lb/hr (kg/hr)	270 (122)	300 (136)	350 (159)	400 (181)	450 (204)	500 (227)	675 (306)
5/16 inch (8mm)	Air - cu ft/min (cu m/min)	80 (2.27)	90 (2.55)	100 (2.83)	115 (3.26)	125 (3.54)	140 (3.96)	190 (5.38)
	Horsepower - hp (kW)	17 (12.68)	20 (14.91)	25 (18.64)	27 (20.13)	28 (20.88)	30 (22.37)	36 (26.85)
	Abrasive - lb/hr (kg/hr)	470 (213)	530 (240)	600 (272)	675 (306)	750 (340)	825 (374)	1000 (454)
3/8 inch (9.5mm)	Air - cu ft/min (cu m/min)	110 (3.12)	125 (3.54)	145 (4.11)	160 (4.53)	175 (4.96)	200 (5.66)	275 (7.79)
	Horsepower - hp (kW)	25 (18.64)	29 (21.63)	32 (23.86)	35 (26.10)	40 (29.83	45 (33.56)	57 (42.50)
	Abrasive - lb/hr (kg/hr)	675 (306)	775 (352)	875 (397)	975 (442)	1060 (481)	1100 (499)	1350 (612)
7/16 inch (11mm)	Air - cu ft/min (cu m/min)	150 (4.25)	170 (4.81)	200 (5.66)	`215 (6.09)	240 (6.80)	255 (7.22)	315 (8.92)`
	Horsepower - hp (kW)	35 (26.10)	40 (29.83)	45 (33.56)	50 (37.28)	55 (41.01)	60 (44.74)	70 (52.20)
	Abrasive - lb/hr (kg/hr)	900 (408)	100 (454)	120 (544)	130 (590)	140 (635)	155 (703)	180 (816)
½ inch (12.5mm)	Air - cu ft/min (cu m/min)	200 (5.66)	225 (6.37)	250 (7.08)	275 (7.79)	300 (8.50)	340 (9.63)	430 (12.18)
	Horsepower - hp (kW)	45 (33.56)	50 (37.28)	55 (41.01)	63 (46.98)	70 (52.20)	75 (55.93)	95 (70.84)
	Abrasive - lb/hr (kg/hr)	120 (544)	135 (612)	150 (680)	170 (771)	185 (839)	202 (919)	252 (1145)
5/8 inch (16mm)	Air - cu ft/min (cu m/min)	300 (8.5)	350 (9.91)	400 (11.33)	450 (12.74)	500 (14.16)	550 (15.58)	700 (19.82)
	Horsepower - hp (kW)	70 (52.20)	80 (59.66)	90 (67.11)	100 (74.57)	110 (82.03)	120 (89.48)	150 (111.85)
	Abrasive - lb/hr (kg/hr)	190 (862)	220 (998)	240 (1089)	270 (1225)	300 (1361)	330 (1497)	400 (1814)
¾ inch (19mm)	Air - cu ft/min (cu m/min)	430 (12.18)	500 (14.16)	575 (16.28)	650 (18.41)	700 (19.82)	800 (22.66)	1100 (31.15)
	Horsepower - hp (kW)	100 (74.57)	115 (85.76)	130 (96.94)	145 (108.13)	160 (119.31)	175 (130.50)	215 160.33)
	Abrasive - lb/hr (kg/hr)	2700 (1225)	3100 (1406)	3500 (1588)	3900 (1769)	4300 (1950)	4700 (2132)	5700 (2586)

This table is for reference only. Actual results may vary depending on specific abrasive medium used.

FLO-BLAST
nozzle engineering

Global Supplies & Engineering Ltd
Unit 1, Canal Side Ind. Est.
Off Cliff Street
Mexborough
South Yorkshire
S64 9HU

T: +44 (0) 1709 584949
F: +44 (0) 1709 578493
E: info@ globalsupplies-online.com

GLOBAL supplies & engineering ltd

www.globalsupplies-online.com