



ABRASIVE BLASTING EQUIPMENT

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All previous catalogues lose their validity with the publication of the new catalogue.

Technical characteristics, specifications and details published in this catalogue are subject to change without notice.

Contracor GmbH.

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***BLAST MACHINE AND SAFETY EQUIPMENT
PACKAGES, BLAST MACHINE SPARES***

part #1

Blast Machine and Safety Equipment Packages



Order Code	Model	Description
10011	BlastPack-25	DBS-25RC, 5m Twinline, 5m ExtraBlast-13, NHP-0, CQP-0, NTC-5.0
10012	BlastPack-50	DBS-50RC, 5m Twinline, 5m ExtraBlast-13, NHP-0, CQP-0, NTC-5.0
10013	BlastPack-100	DBS-100RC, 20m Twinline, 20m ExtraBlast-25, NHP-1, CQP-1, RTC-6.5
10014	BlastPack-200*	DBS-200RC, 20m Twinline, 20m ExtraBlast-32, NHP-2, CQP-2, RTC-9.5
30905	SafePack-Comfort	Comfort, BAF, 20m BAH, Overall 54 size incl. leather Gloves
30906	SafePack-Aspect*	Aspect, BAF, 20m BAH, Overall 54 size incl. leather Gloves, 1 pack. disposable lences (50 pcs).

Our blasting machine and safety equipment packages are equipped with all necessary fittings, connections, washers, etc. A complete blasting machine and safety equipment package will be mounted on a wooden pallet upon delivery.

* – pictured above

Blasting machine Packages

Order code	Model	BlastPack-25	BlastPack-50	BlastPack-100	BlastPack-200	Description
10510	DBS-25RC	■				Abrasive Blasting Machine with RC, 25 liters
10515	DBS-50RC		■			Abrasive Blasting Machine with RC, 50 liters
10301	DBS-100RC			■		Abrasive Blasting Machine with RC, 100 liters
10401	DBS-200RC				■	Abrasive Blasting Machine with RC, 200 liters
12110	ExtraBlast-13	■	■			Abrasive Blast Hoses 13x27, roll 5m
12113	ExtraBlast-25			■		Abrasive Blast Hoses 25x39, roll 20m
12114	ExtraBlast-32				■	Abrasive Blast Hoses 32x48, roll 20m
12309	CQP-0	■	■			Nylon hose coupling, for hose diameter 13 x 27 mm
12301	CQP-1			■		Nylon hose coupling, for hose diameter 25 x 39 mm
12302	CQP-2				■	Nylon hose coupling, for hose diameter 32 x 48 mm
12209	NHP-0	■	■			Nylon nozzle holder, for hose diameter 13 x 27 mm
12201	NHP-1			■		Nylon nozzle holder, for hose diameter 25 x 39 mm
12202	NHP-2				■	Nylon nozzle holder, for hose diameter 32 x 48 mm
12551	NTC-5,0	■	■			Venturi nozzle, tungsten carbide, 5.0 mm x 45 mm
12062	RTC-6,5			■		Venturi nozzle, tungsten carbide, 6.5 mm x 130 mm
12064	RTC-9,5				■	Venturi nozzle, tungsten carbide, 9.5 mm x 170 mm

Safety equipment Packages

Order code	Model	SafePack Comfort	SafePack Aspect	Description
30000	Comfort	■		Blast Helmet, durable nylon cape
30600	Aspect		■	Blast Helmet, durable nylon cape
30602			■	Disposable lenses, pack 50 pcs
30400	BAF	■	■	Breathing Air Filter, 2 Outputs
30909	BAH	■	■	Breathing air hose 9 mm x 15 mm, 20 m. Roll incl. fittings
30702	Size 54 (L)	■	■	Heavy-Duty Blast Overall, Leather / Cotton, incl. gloves

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Abrasive Blasting Machines



HIGH PERFORMANCE

LOW PRICE

FIELD OF APPLICATION

Abrasive blasting of metal constructions and buildings, bridges, reservoirs, piping, concrete surfaces.

Cleaning up to grade SA-3.0.

Performance up to 37 m²/h (see Table of Performance).

DESIGNED TO WORK WITH

any dry abrasives, max. grain size 4 mm.

Technical data:	DBS-25RC	DBS-50RC	DBS-100 DBS-100RC DBS-100RCS	DBS-200 DBS-200RC DBS-200RCS
Max. working pressure, bar	12	12	12	12
Vessel capacity, liter	25	50	100	200
Working temperature, °C	-10 — +50	-10 — +50	-10 — +50	-10 — +50
Vessel diameter, mm	306	415	508	609
Vessel height, mm	960	1180	1226	1480
Weight, kg	46	73	105 / 110 / 110	135 / 140 / 140

Compressed air output calculation (m³/min)

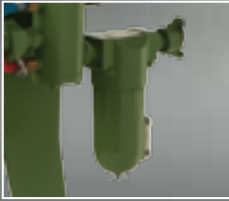
Nozzle Diameter	Input air volume	Plus hood	Plus 50% reserve	Minimum air input, m ³
6,5 mm	2,3	0,5	1,4	4,2
8,0 mm	3,9	0,5	2,2	6,6
9,5 mm	5,5	0,5	3,0	9,0
11,0 mm	7,2	0,5	3,9	11,6
12,5 mm	9,6	0,5	5,0	16,1

Table of Performance

Nozzle Diameter, mm:		6,5	8	9,5	11	12,5
Compressed air output, m ³ /min., at 8 bar pressure		4,2	6,6	9	11,6	16,1
Average output, m ² /h	SA 2	10	15	21	28	37
	SA 2 ¹ / ₂	5	9	14	21	28
	SA 3	4	6	9	13	17
Average abrasive consumption, kg/m	SA 2	40	35	32	29	28
	SA 2 ¹ / ₂	58	51	46	42	40
	SA 3	78	68	62	56	54

DBS-25RC, DBS-50 RC (with remote control)

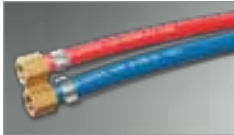
OIL-MOISTURE
SEPARATOR
CAF-0*



RC Valve RCV-0



TWINLINE hose



Deadman handle



STANDARD DELIVERY:

DBS-25 RC (with remote control and)

- 25-liter capacity tank
- screen
- cap
- sand valve FSV-0
- high-performance moisture separator CAF-0
- quick hose couplings CFT-0
- remote control device with a pneumatically-operated RC main valve, deadman handle, 5-meter twin-line hose, hose fittings

DBS-50 RC (with remote control and)

- 50-liter capacity tank
- screen
- cap
- sand valve FSV-0
- high-performance moisture separator CAF-0
- quick hose couplings CFT-0
- remote control device with a pneumatically-operated RC main valve, deadman handle, 5-meter twin-line hose, hose fittings

Order code	Model	Description
10510	DBS - 25 RC	Abrasive Blasting Machine with RC, 25 liters. Complete package incl. DMH and 5m Twinline hose with fittings.
10515	DBS - 50 RC	Abrasive Blasting Machine with RC, 50 liters. Complete package incl. DMH and 5m Twinline hose with fittings.

* - see page 8

DBS-100, DBS-200

OIL-MOISTURE
SEPARATOR
CAF-3



All Contracor abrasive blasting machines are equipped on standard delivery with a highly efficient CAF moisture separator to prevent the entry of moisture and oil from the compressor into the tank.

This is especially necessary when using old compressors, or working at low temperatures or at a large distance from the compressor.

The CAF filter eliminates up to 98% of the condensate and oil from compressed air. This prevents work stoppages in connection with the removal of dampened abrasive from the tank.

STANDARD DELIVERY:

DBS-100

- 100 liter capacity tank
- screen
- cap
- sand valve
- high-performance moisture separator
- inspection door
- quick hose couplings

DBS-200

- 200 liter capacity tank
- screen
- cap
- sand valve
- high-performance moisture separator
- inspection door
- quick hose couplings

Order code	Model	Description
10100	DBS-100	Abrasive Blasting Machine, 100 liters
10200	DBS-200	Abrasive Blasting Machine, 200 liters

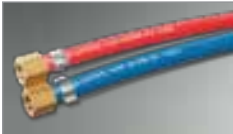
DBS-100 RC, DBS-200 RC (with remote control)



RC Valve RCV



TWINLINE hose



Deadman handle



STANDARD DELIVERY:

DBS-100 RC (with remote control and)

- 100-liter capacity tank
- screen
- cap
- sand valve
- high-performance moisture separator
- inspection door
- quick hose couplings CFT
- remote control device with a pneumatically-operated RC main valve, deadman handle, 20-meter twin-line hose, hose fittings

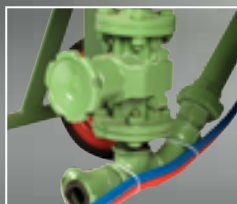
DBS-200 RC (with remote control and)

- 200-liter capacity tank
- screen
- cap
- sand valve
- high-performance moisture separator
- inspection door
- quick hose couplings CFT
- remote control device with a pneumatically-operated RC main valve, deadman handle, 20-meter twin-line hose, hose fittings

Order code	Model	Description
10301	DBS - 100 RC	Abrasive Blasting Machine with RC, 100 liters. Complete package incl. DMH and 20m Twinline hose with fittings.
10401	DBS - 200 RC	Abrasive Blasting Machine with RC, 200 liters. Complete package incl. DMH and 20m Twinline hose with fittings.

DBS-100 RCS, DBS-200 RCS (with remote control and SGV valve)

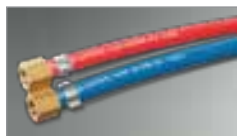
Special valve for steel
abrasives SGV



RC Valve RCV



TWINLINE hose



Deadman handle



STANDARD DELIVERY:

DBS-100 RCS (with remote control and SGV valve)

- 100-liter capacity tank
- screen
- cap
- SGV valve
- high-performance moisture separator
- inspection door
- quick hose couplings CFT
- remote control device with a pneumatically-operated RC main valve, deadman handle, 20-meter twin-line hose, hose fittings

DBS-200 RCS (with remote control and SGV valve)

- 200-liter capacity tank
- screen
- cap
- SGV valve
- high-performance moisture separator
- inspection door
- quick hose couplings CFT
- remote control device with a pneumatically-operated RC main valve, deadman handle, 20-meter twin-line hose, hose fittings

Order code	Model	Description
10406	DBS - 100 RCS	Steel abrasives Blasting Machine with RC, 100 liters. Complete package incl. DMH and 20m Twinline hose with fittings.
10411	DBS - 200 RCS	Steel abrasives Blasting Machine with RC, 200 liters. Complete package incl. DMH and 20m Twinline hose with fittings.

Abrasive metering valves DBS / DBS-RC / DBS-RCS



Order code	Description	DBS	DBS-RC	DBS-RCS
10920	Abrasive metering valve 1 1/4", FSV	■	■	
10946	SGV valve, special for steel or aggressive blast media			■
10947	Rubber pipe for SGV valve, spare part			

Rubberized fittings for blast machines DBS / DBS-RC / DBS-RCS



Order code	Description	DBS	DBS-RC	DBS-RCS
10990	Y-piece 45° 1 1/4" rubberized*	■	■	
10911	Nipple 1 1/4" rubberized*	■	■	■
10921	Pipe 1 1/4" (100mm) rubberized*	■	■	
10948	T-piece, 90°, 1 1/4" (FFF), rubberized*			■

* Rubberized fittings are only available as spare parts, and are not included in standard delivery.

Blast machine spares

DBS / DBS-RC / DBS-RCS



Order code	Description	DBS	DBS-RC	DBS-RCS
10930	Moisture separator 1 1/4", CAF-3	■	■	■
10960	Pop-up valve, rubber	■	■	■
10950	O-Ring, rubber	■	■	■
10900	Sandblast coupling 1 1/4, CFT	■	■	■
10980	Rubber gasket for CFT/CQT, spare part			

Blast machine remote controls

DBS / DBS-RC / DBS-RCS



Order code	Description	DBS	DBS-RC	DBS-RCS
10970	Remote control valve 1 1/4", with silencer, RCV		■	■
10940	Remote control handle, DMH		■	■



BLAST NOZZLES

part #2



CONTRACOR® Venturi Nozzles

Venturi bore nozzles produce a wide blast pattern and intensify abrasive velocity as much as 100% per given pressure. Venturi nozzles are the best option for increased productivity when blasting larger areas. Long Venturi style nozzles provide approximately a 40% increase in productivity in comparison with straight bore nozzles. Additionally, abrasive consumption can be reduced by about 40%.



CONTRACOR® Double Venturi Nozzles

The double Venturi style can be regarded as two nozzles in a row with a gap and holes in between to facilitate the entry of atmospheric air into the downward part of the nozzle. The exit segment is also wider than an ordinary nozzle. This modification increases the size of the blast pattern and minimizes a reduction in abrasive velocity.



abrasive blast nozzles made from high-quality **tungsten carbide (TC)**.

Nozzles Type RTC



Service life — up to 400 h.
Cover: Rubber.
Thread: Rubber, 50 mm for NHP nozzle holder.
Entry size: 32 mm



Wear-resistant Venturi blasting nozzles made of tungsten carbide (TC).

Order code	Model	Description
12062	RTC-6.5	Venturi nozzle, tungsten carbide, 6.5 mm x 130 mm
12063	RTC-8.0	Venturi nozzle, tungsten carbide, 8.0 mm x 150 mm
12064	RTC-9.5	Venturi nozzle, tungsten carbide, 9.5 mm x 170 mm
12065	RTC-11.0	Venturi nozzle, tungsten carbide, 11.0 mm x 200 mm
12066	RTC-12.5	Venturi nozzle, tungsten carbide, 12.5 mm x 210 mm

Nozzles Type CTC



Wear-resistant Venturi blasting nozzles made of tungsten carbide [TC].

Service life — up to 400 h.

Cover: Aluminum /Rubber.

Thread: Aluminum, 50 mm for NHP nozzle holder.

Entry size: 32 mm

Order code	Model	Description
12542	CTC-6.5	Venturi nozzle, tungsten carbide, 6.5 mm x 130 mm
12543	CTC-8.0	Venturi nozzle, tungsten carbide, 8.0 mm x 150 mm
12544	CTC-9.5	Venturi nozzle, tungsten carbide, 9.5 mm x 170 mm
12545	CTC-11.0	Venturi nozzle, tungsten carbide, 11.0 mm x 200 mm
12546	CTC-12.5	Venturi nozzle, tungsten carbide, 12.5 mm x 210 mm

Nozzles Type DVTC



Wear-resistant Double Venturi blasting nozzles made of tungsten carbide [TC].

Service life —up to 400 h.

Cover: Aluminum /Polyurethane protector.

Thread: Aluminum, 50 mm for NHP nozzle holder.

Entry size: 32 mm

Order code	Model	Description
12092	DVTC-6.5	Double Venturi nozzle, tungsten carbide, 6.5 mm x 130 mm
12093	DVTC-8.0	Double Venturi nozzle, tungsten carbide, 8.0 mm x 150 mm
12094	DVTC-9.5	Double Venturi nozzle, tungsten carbide, 9.5 mm x 170 mm
12095	DVTC-11.0	Double Venturi nozzle, tungsten carbide, 11.0 mm x 200 mm
12096	DVTC-12.5	Double Venturi nozzle, tungsten carbide, 12.5 mm x 210 mm

Nozzles Type STC



Wear-resistant short Venturi blasting nozzles made of tungsten carbide (TC).

Service life - up to 400 h.

Cover: Rubber

Thread: Rubber, 50 mm for NHP nozzle holder

Entry size: 25 mm

Order code	Model	Description
12570	STC-5.0	Short Venturi nozzle, tungsten carbide, 5.0 mm x 80 mm
12571	STC-6.5	Short Venturi nozzle, tungsten carbide, 6.5 mm x 80 mm
12572	STC-8.0	Short Venturi nozzle, tungsten carbide, 8.0 mm x 80 mm
12573	STC-9.5	Short Venturi nozzle, tungsten carbide, 9.5 mm x 80 mm
12574	STC-11.0	Short Venturi nozzle, tungsten carbide, 11.0 mm x 80 mm
12575	STC-12.5	Short Venturi nozzle, tungsten carbide, 12.5 mm x 80 mm

Nozzles Type MTC



Wear-resistant short Venturi blasting nozzles made of tungsten carbide (TC).

Service life - up to 400 h.

Cover: Aluminum

Thread: Aluminium, 50 mm for NHP nozzle holder

Entry size: 25 mm

Order code	Model	Description
12560	MTC-5.0	Short Venturi nozzle, tungsten carbide, 5.0 mm x 80 mm
12561	MTC-6.5	Short Venturi nozzle, tungsten carbide, 6.5 mm x 80 mm
12562	MTC-8.0	Short Venturi nozzle, tungsten carbide, 8.0 mm x 80 mm
12563	MTC-9.5	Short Venturi nozzle, tungsten carbide, 9.5 mm x 80 mm
12564	MTC-11.0	Short Venturi nozzle, tungsten carbide, 11.0 mm x 80 mm
12565	MTC-12.5	Short Venturi nozzle, tungsten carbide, 12.5 mm x 80 mm

Nozzles Type HTC



Wear-resistant Venturi type hose insert nozzles made of tungsten carbide (TC).

Special designed for using with blast hose ID=32 mm

Service life — up to 400 h.

Jacket: Aluminum

Nozzles Type GTC



Wear-resistant Venturi type hose insert nozzles made of tungsten carbide (TC).

Special designed for using with blast hose ID=25 mm

Service life — up to 400 h.

Jacket: Aluminum.

Order code	Model	Description
12502	HTC-6.5	Venturi nozzle, tungsten carbide, 6.5 mm x 120 mm
12503	HTC-8.0	Venturi nozzle, tungsten carbide, 8.0 mm x 120 mm
12504	HTC-9.5	Venturi nozzle, tungsten carbide, 9.5 mm x 120 mm
12505	HTC-11.0	Venturi nozzle, tungsten carbide, 11.0 mm x 120 mm
12506	HTC-12.5	Venturi nozzle, tungsten carbide, 12.5 mm x 120 mm

Order code	Model	Description
12031	GTC-5.0	Venturi nozzle, tungsten carbide, 5.0 mm x 100 mm
12032	GTC-6.5	Venturi nozzle, tungsten carbide, 6.5 mm x 100 mm
12033	GTC-8.0	Venturi nozzle, tungsten carbide, 8.0 mm x 100 mm



abrasive blast nozzles made from high-quality **boron carbide (B₄C)**.

CHOICE OF NOZZLE MATERIAL

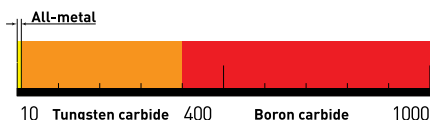
In the case of rough handling and use of and mineral or coal slag abrasives, tungsten carbide nozzles are the best choice for durability and economy.

Boron carbide nozzles offer long life with optimum air and abrasive use. Boron carbide is best suited for aggressive abrasives such as aluminum oxide and selected mineral aggregates.

The desirable hardness characteristics of boron carbide give nozzles made of this material the longest wear life of

any standard nozzle material. Through reduced material erosion, peak nozzle performance is maintained for longer periods with optimum mixing and consumption of air and abrasive. The useful life of a boron carbide nozzle is typically five to ten times longer than of tungsten carbide nozzles. When using aggressive abrasives such as aluminum oxide or mineral aggregates, for long service life it is recommended to use boron carbide nozzles.

APPROXIMATE SERVICE LIFE IN HOURS



Nozzles Type UBC



Service life — up to 1000 h.

Cover: Aluminum /Polyurethane protector.

Thread: Aluminum, 50 mm for NHP nozzle holder.

Entry size: 32 mm



Wear-resistant Venturi blasting nozzles made of boron carbide (B₄C).

Order code	Model	Description
12022	UBC-6.5	Venturi nozzle, boron carbide, 6.5 mm x 130 mm
12023	UBC-8.0	Venturi nozzle, boron carbide, 8.0 mm x 150 mm
12024	UBC-9.5	Venturi nozzle, boron carbide, 9.5 mm x 170 mm
12025	UBC-11.0	Venturi nozzle, boron carbide, 11.0 mm x 200 mm
12026	UBC-12.5	Venturi nozzle, boron carbide, 12.5 mm x 210 mm

Nozzles Type SBC



Wear-resistant Venturi blasting nozzles made of boron carbide (B_4C).

Service life — up to 1000 h.

Cover: Aluminum /Polyurethane protector.

Thread: Aluminum, 50 mm for NHP nozzle holder.

Entry size: 25 mm

Order code	Model	Description
12051	SBC-5.0	Venturi nozzle, boron carbide, 5.0 mm x 120 mm
12052	SBC-6.5	Venturi nozzle, boron carbide, 6.5 mm x 130 mm
12053	SBC-8.0	Venturi nozzle, boron carbide, 8.0 mm x 150 mm

Nozzles Type DVBC



Wear-resistant Double Venturi blasting nozzles made of boron carbide (B_4C).

Service life — up to 1000 h.

Cover: Aluminum /Polyurethane protector.

Thread: Aluminum, 50 mm for NHP nozzle holder.

Entry size: 32 mm

Order code	Model	Description
12042	DVBC-6.5	Double Venturi nozzle, boron carbide, 6.5 mm x 130 mm
12043	DVBC-8.0	Double Venturi nozzle, boron carbide, 8.0 mm x 150 mm
12044	DVBC-9.5	Double Venturi nozzle, boron carbide, 9.5 mm x 170 mm
12045	DVBC-11.0	Double Venturi nozzle, boron carbide, 11.0 mm x 200 mm
12046	DVBC-12.5	Double Venturi nozzle, boron carbide, 12.5 mm x 210 mm

Nozzles Type HBC



Wear-resistant Venturi blasting nozzles made of boron carbide (B_4C).

Special designed for using with blast hose ID=32 mm
Service life — up to 1000 h.
Jacket: Aluminum.

Nozzles Type GBC



Wear-resistant Venturi blasting nozzles made of boron carbide (B_4C).

Special designed for using with blast hose ID=25 mm
Service life — up to 1000 h.
Jacket: Aluminum.

Order code	Model	Description
12082	HBC-6.5	Venturi nozzle, boron carbide, 6.5 mm x 120 mm
12083	HBC-8.0	Venturi nozzle, boron carbide, 8.0 mm x 120 mm
12084	HBC-9.5	Venturi nozzle, boron carbide, 9.5 mm x 120 mm
12085	HBC-11.0	Venturi nozzle, boron carbide, 11.0 mm x 120 mm
12086	HBC-12.5	Venturi nozzle, boron carbide, 12.5 mm x 120 mm

Order code	Model	Description
12071	GBC-5.0	Venturi nozzle, boron carbide, 5.0 mm x 100 mm
12072	GBC-6.5	Venturi nozzle, boron carbide, 6.5 mm x 100 mm
12073	GBC-8.0	Venturi nozzle, boron carbide, 8.0 mm x 100 mm



nozzles, **special.**

Nozzles Type PTC-360°



Internal Pipe
Blasting Nozzles Type PTC-360°



Internal pipe blasting nozzles type PTC-360° are designed

to blast clean the interior of pipes ranging in size from 2" to 5" I.D. The nozzle connected an abrasive blast machine in place of a standard nozzle. In operation, the PTC-360° nozzle directs the air/abrasive mixture at a deflection tip. This tip causes the blast pattern to fan out into a wide, circular pattern, which cleans the inside of the pipe as the nozzle is passed through. Made from tungsten carbide (TC). Fits all Contracor nozzle holders

CHARACTERISTICS.

Highly wear-resistant angle type blasting nozzles.

Made from tungsten carbide (TC).

Lifetime: Up to 400 h.

Jacket: Aluminum.

Thread: Aluminum, 50 mm for NHP nozzle holder.

Order code	Model	Description
12510	PTC-360°	Internal pipe blasting nozzle, tungsten carbide, 8.0mm x 75mm
12519		Exchangeable deflection tip for PTC- 360°, tungsten carbide

Nozzles Type PTC-360°L



Internal Pipe
Blasting Nozzles Type PTC-360°L



Internal pipe blasting nozzles type PTC-360°L are designed to blast clean the interior of pipes ranging in size from 3/4" to 2" I.D.

The nozzle connected an abrasive blast machine in place of a standard nozzle. In operation, the PTC-360°L nozzle directs the air/abrasive mixture at a deflection tip. This tip causes the blast pattern to fan out into a wide, circular pattern, which cleans the inside of the pipe as the nozzle is passed through. The length of the working area is 200 mm.

Made from tungsten carbide (TC).
Fits all Contracor nozzle holders

CHARACTERISTICS.

Highly wear-resistant angle type blasting nozzles.

Made from tungsten carbide (TC).

Lifetime: Up to 400 h.

Jacket: Aluminum.

Thread: Aluminum, 50 mm for NHP nozzle holder.

Order code	Model	Description
12520	PTC- 360°L	Internal pipe blasting nozzle, tungsten carbide, 5.0 mm x 200 mm
12529		Exchangeable deflection tip for PTC- 360°L, tungsten carbide

Angle Nozzles Type ATC



Highly wear-resistant angle type blasting nozzles. Made from tungsten carbide (TC).

Lifetime: Up to 400 h. Jacket: Rubber. Thread: 50-mm coarse rubber thread.



Angle nozzles are used for getting inside tight or hard to reach places like corners, behind flanges or inside pipes. ATC type angle nozzles are compact and shoot out the abrasive at 45° angles. Made from tungsten carbide (TC). Fits all Contracor nozzle holders.

Order code	Model	Description
12511	ATC-5.0-1	Angle nozzles, tungsten carbide, bore 1x45°
12512	ATC-6.5-1	Angle nozzles, tungsten carbide, bore 1x45°
12513	ATC-8.0-1	Angle nozzles, tungsten carbide, bore 1x45°
12514	ATC-9.5-1	Angle nozzles, tungsten carbide, bore 1x45°
12521	ATC-5.0-2	Angle nozzles, tungsten carbide, bore 2x45°
12522	ATC-6.5-2	Angle nozzles, tungsten carbide, bore 2x45°
12523	ATC-8.0-2	Angle nozzles, tungsten carbide, bore 2x45°
12524	ATC-9.5-2	Angle nozzles, tungsten carbide, bore 2x45°
12531	ATC-5.0-3	Angle nozzles, tungsten carbide, bore 3x45°
12532	ATC-6.5-3	Angle nozzles, tungsten carbide, bore 3x45°
12533	ATC-8.0-3	Angle nozzles, tungsten carbide, bore 3x45°
12534	ATC-9.5-3	Angle nozzles, tungsten carbide, bore 3x45°

Bending Nozzles Type BTC



Highly wear-resistant angle type blasting nozzles. Made from tungsten carbide (TC).
Lifetime: Up to 400 h.
Jacket: Aluminum / Polyurethane protector
Thread: 50-mm coarse rubber thread.



Bending nozzles are used for getting inside tight or hard to reach places like corners, behind flanges or inside pipes. BTC type bending nozzles are compact and shoot out the abrasive at 45° angles. Made from tungsten carbide (TC). Fits all Contracor nozzle holders.

Order code	Model	Description
12583	BTC-9.5	Bending nozzle, tungsten carbide, angle 45°, 9.5 mm x 125 mm
12584	BTC-11.0	Bending nozzle, tungsten carbide, angle 45°, 11.0 mm x 125 mm
12585	BTC-12.5	Bending nozzle, tungsten carbide, angle 45°, 12.5 mm x 125 mm

Nozzles Type NTC



Service life - up to 400 h.
Cover: Aluminum
Thread: Aluminium, 3/4" for NHP-0 nozzle holder.



Wear-resistant short Venturi blasting nozzles made of tungsten carbide (TC).

Order code	Model	Description
12550	NTC-3.5	Short Venturi nozzle, tungsten carbide, 3.5 mm x 45 mm
12551	NTC-5.0	Short Venturi nozzle, tungsten carbide, 5.0 mm x 45 mm
12552	NTC-6.5	Short Venturi nozzle, tungsten carbide, 6.5 mm x 45 mm
12553	NTC-8.0	Short Venturi nozzle, tungsten carbide, 8.0 mm x 45 mm



Water induction blast nozzles.

Water Blast Attachment WBA

Contracor® water blast equipment has been specifically designed to meet growing customer demand for a multi-purpose cleaning system that is fast, economical and environment-friendly.



FIELD OF APPLICATION

Dust-reducing high-performance cleaning of steel, stone and concrete surfaces. Cleaning up to grade SA-3.0. Performance up to 20% higher than dry blasting.

Universal Water Blast Attachment. Sleeve made from high grade tungsten carbide. Fits all Contracor® blast nozzles.

DESIGNED TO WORK WITH

any water matching abrasives, max. grain size 3,5 mm.

Jacket: Aluminum

Thread: 50-mm coarse aluminum thread.

Order code	Model	Description
12000	WBA	Water Blast Attachment, tungsten carbide sleeve

Water Blast Nozzles Type WBN

Contracor® water blast equipment has been specifically designed to meet growing customer demand for a multi-purpose cleaning system that is fast, economical and environment-friendly.



FIELD OF APPLICATION

Dust-reducing high-performance cleaning of steel, stone and concrete surfaces. Cleaning up to grade SA-3.0. Performance up to 20% higher than dry blasting.

Water blast nozzles for wet blast applications. Made from high grade tungsten carbide.

DESIGNED TO WORK WITH

any water matching abrasives, max. grain size 3,5 mm.

Jacket: Aluminum

Thread: 50-mm coarse aluminum thread.

Order code	Model	Description
12002	WBN-6.5	Water blast nozzle, tungsten carbide, dia. 6.5, entry 32 mm
12003	WBN-8.0	Water blast nozzle, tungsten carbide, dia. 8.0, entry 32 mm
12004	WBN-9.5	Water blast nozzle, tungsten carbide, dia. 9.5, entry 32 mm



**BLAST HOSES, AIR HOSES,
SPECIAL HOSES**

part #3

Abrasive Blast Hoses EXTRA BLAST

max 60

12
BAP

ABRASION RESISTANCE
According to DIN 53516:
Max. 60 mm³
Avg. 52 mm³.



TUBE

Black conductive NR – abrasion resistant.

REINFORCEMENT

High tensile textile cords.

COVER

Black conductive SBR/NR blend – abrasion and

ozone resistant – pin pricked.

TEMPERATURE

–30°C +80°C.

NOTE

Tolerances according to "RMA" class 311-A.

SAFETY FACTOR 3:1.

Order code	Model	Description
12110	ExtraBlast-13	Abrasive Blast Hoses 13x27, roll 5m
12111	ExtraBlast-13	Abrasive Blast Hoses 13x27, roll 20m
12109	ExtraBlast-13	Abrasive Blast Hoses 13x27, roll 40m
12112	ExtraBlast-19	Abrasive Blast Hoses 19x33, roll 20m
12100	ExtraBlast-19	Abrasive Blast Hoses 19x33, roll 40m
12113	ExtraBlast-25	Abrasive Blast Hoses 25x39, roll 20m
12101	ExtraBlast-25	Abrasive Blast Hoses 25x39, roll 40m
12114	ExtraBlast-32	Abrasive Blast Hoses 32x48, roll 20m
12102	ExtraBlast-32	Abrasive Blast Hoses 32x48, roll 40m

Remote control hose



Order code	Model	Description
12105		Remote control hose, d=6 mm, mounted with fittings, roll 5m
12106		Remote control hose, d=6 mm, mounted with fittings, roll 20m
12103		Remote control hose, d=6 mm, mounted with fittings, roll 40m

Compressed Air Hoses AIRFLEX



Special build for heavy duty applications such as sandblasting.

- CHARACTERISTICS.
- Working pressure: 12 bar
- Burst pressure: 36 bar
- Working temperature: -30°C to +80°C.
- Cover: yellow rubber (19–25 mm) / textile wrapped (32–38 mm).

Order code	Model	Description
51002	AirFlex-19	Compressed Air Hoses 19x28, roll 40m
51003	AirFlex-25	Compressed Air Hoses 25x36, roll 40m
51004	AirFlex-32	Compressed Air Hoses 32x48, roll 40m
51005	AirFlex-38	Compressed Air Hoses 38x54, roll 40m

Breathing Air Hose BAH



For connection between blasting hood and airline filter BAF.

- CHARACTERISTICS.
- Special thick-wall hose made from non-toxic materials. Thick-walls prevents the hose from buckling and pinching.

Order code	Model	Description
30909	BAH	Breathing air hose 9x15mm, with mounted fittings, 20 m. Roll
30900	BAH	Breathing air hose 9x15mm, with mounted fittings, 40 m. Roll



BLAST HOSE COUPLINGS

part #4

Nozzle Holders NHP



For abrasive blasting hoses with.

Material: nylon.

Thread 50 mm – suitable for the tread of

CONTRACOR® nozzles. Equipped with a rubber washer and screws.

Order code	Model	Description
12209	NHP-0	Nylon nozzle holder, for hose diameter 13 x 27 mm
12200	NHP-3/4	Nylon nozzle holder, for hose diameter 19 x 33 mm
12201	NHP-1	Nylon nozzle holder, for hose diameter 25 x 39 mm
12202	NHP-2	Nylon nozzle holder, for hose diameter 32 x 48 mm

Order code	Description
12208	Rubber gasket for NHP-0
12207	Rubber gasket for NHP-3/4
12203	Rubber gasket for NHP-1
12204	Rubber gasket for NHP-2

Hose Couplings CQP



For abrasive blasting hoses with. Compatible with hose couplings CFT on CONTRACOR® abrasive blasting machines.

Material: nylon.

Delivery: rubber washer, screws, safety clip.

Hose Couplings CQT



For abrasive blasting hoses with. Compatible with hose couplings CFT on CONTRACOR® abrasive blasting machines.

Material: metal.

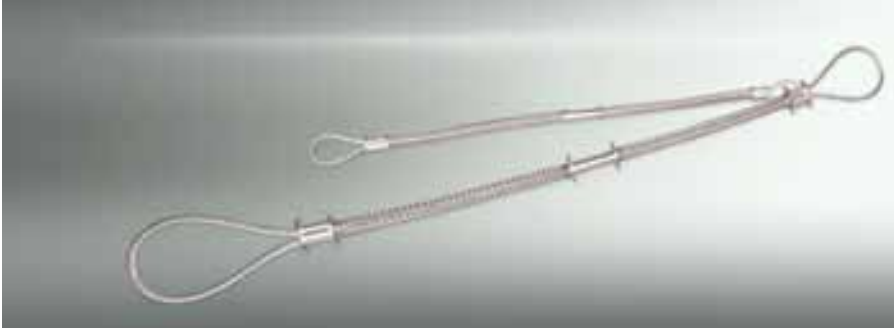
Delivery: rubber washer, screws, safety clip.

Order code	Model	Description
12309	CQP-0	Nylon hose coupling, for hose diameter 13 x 27 mm
12300	CQP-3/4	Nylon hose coupling, for hose diameter 19 x 33 mm
12301	CQP-1	Nylon hose coupling, for hose diameter 25 x 39 mm
12302	CQP-2	Nylon hose coupling, for hose diameter 32 x 48 mm

Order code	Model	Description
12319	CQT-0	Malleable iron hose couplings, zinc plated, yellow passivated, for hose diameter 13 x 27 mm
12311	CQT-1	Malleable iron hose couplings, zinc plated, yellow passivated, for hose diameter 25 x 39 mm
12312	CQT-2	Malleable iron hose couplings, zinc plated, yellow passivated, for hose diameter 32 x 48 mm

Order code	Description
10981	Rubber gasket for CQP-0 / CQT-0 / CFT-0
12307	Rubber gasket for CQP-3/4
12303	Rubber gasket for CQP-1 / CQP-2
10980	Rubber gasket for CQT-1 / CQT-2 / CFT-1

Blast Hose Whipcheck Safety Cables



Contracor® blast hose Whipcheck Safety Cables are used at all blast hoses for the safe holding of coupled connections in case of accidental separation.

The Whipcheck Safety Cables relieve the couplings of the weight of the hose and reduce the danger caused by hose couplings failure. The Cables also help keeping the blast hose from whipping about in the event of a coupling failure.

Hose couplings may separate from air and blast hoses for a variety of reasons:

- Coupling screws may lose their holding power due to internal wear on the hose tubing
- Use of improper coupling screws may interfere with the proper fit between couplings and hose
- Hose outer diameter may be too small for the coupling
- The continual strain caused by pulling hoses around job sites can weaken the coupling's grip on the hose
- Couplings can also have been damaged by vehicles or other equipment.

INSTRUCTIONS OF USE:

Attach blast hose safety cables at all coupled connections. Before connecting the couplings, pull back the spring-loaded loop, slip it over the blast hoses only (not the remote control lines).

Connect the hose coupling and slide the ends of the safety cable back until the cable is straight and the hose is slightly bent.

Whipcheck Safety Cables are strongly recommended by vertical applications, when air and blast hoses are suspended. Hose couplings are not designed to support the weight of the hose. Additional supports are required to relieve the added tension.

Constructed of corrosion resistant, high strength steel, Whipcheck Safety Cables may be installed on hose-to-hose and hose-to-fixed coupling connections.

Order code	Description
12321	Safety Cables up to 1" I.D.
12322	Safety Cables 1.1/4" – 3" I.D.



OPERATOR SAFETY EQUIPMENT

part #5

COMFORT abrasive blasting helmet

COMFORT disposable lenses

In Comfort blast helmet regular glass, protected with a stainless steel wire mesh screen, is used as disposable lens. Replacement is easy and cheap, as a simple glass plate can be cut to size and used as replacement.



ADVANTAGES



1. Easy and sure locking window frame
2. Air flow indicator for safety
3. 6-point nylon suspension have quick and easy adjustments
4. Pressure regulator
5. Durable nylon cape
6. Handle for easy transportation
7. Exchangeable cotton neck seal

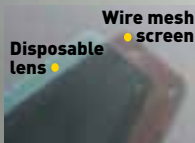
This very comfortable, lightweight and value-for-money hood is suitable for any kind of abrasive blasting work. Its design ensures constant airflow to the visor in order to prevent misting. The Comfort hood is equipped with a pressure regulator, an airflow indicator and a cape.

Order code	Model	Description
30000	COMFORT	Blast Helmet, durable nylon cape

ASPECT abrasive blasting helmet

ASPECT disposable lenses

In Aspect blast helmet disposable clear acetate lenses protected by a stainless steel wire mesh screen are used. Disposable lenses can be exchanged in a matter of seconds, and are available in practical packs with 50pcs.



ADVANTAGES



1. High operator visibility and security are provided by two lenses and a wire mesh screen
 - Fixed inner lens
 - Disposable lens
 - Wire mesh screen.
2. The robust, durable shell of the Aspect blast helmet ensures operator security and a long service life of the helmet, whilst an air baffle delivers a constant flow of air to the operator's head and face to reduce

fatigue, prevent misting and increase productivity and safety.

3. The top of the cape is protected from ricochet of blast material by an extended window frame
4. The embedding of media between the lenses is prevented by an integral 1"-deep visor.
5. Easy closing of the window through a slot which aligns the closing latch and tab.
6. The cape is fixed to the bottom rim of the helmet via an adjustable ratchet buckle, which ensures a secure fit and easy replacement.

This very comfortable, lightweight and value-for-money helmet is suitable for any kind of abrasive blasting work.

The helmet is designed with a wide viewing window. This is an important feature when the operator's movement is limited, e.g. in blasting rooms, while cleaning the internal surfaces of reservoirs, holds, etc.

Two lenses and wire mesh screen preserve the operator's clear view of the work surface and protects the operator from dust and abrasive in the ambient air:

A replaceable fixed inner lens securely fits inside a molded rubber gasket.

A displacement lens protects the inner lens from frosting and can be easily replaced.

A wire mesh screen protects from blast media ricochet. Its design ensures constant airflow to the visor in order to prevent misting. The Aspect helmet is equipped with a pressure regulator, an airflow indicator and a durable cape.

Order code	Model	Description
30600	ASPECT	Blast Helmet, durable nylon cape
30602		Disposable lenses, pack 50 pcs.

Breathing Air Filter BAF

Air Filter Replacement Cartridge ACF



Replacement cartridges for the ACF breathing air filter. The cartridge should be replaced after ca. 450 hours of operation. A filter only needs to be bought once. The cartridge alone is subject to regular replacement. The frequency of cartridge replacement depends on the quality of air supplied to the hood.



Designed to be used for supplying clean air to the blasting hood.

The BAF filter is designed to remove condensate, oil and up to 98% of particles having a size of 0,5 microns less.

The BAF breathing air filter is equipped with a pressure regulator, a pressure gauge, a safety valve and a drain valve.

The filter can be retrofit to work for two or more operators.

WARNING!

The BAF filter does not remove carbon monoxide (CO) and other toxic gases.

HOW THE CARTRIDGE WORKS:

Carded cotton removes macro particles.

Activated alumina absorbs oil and moisture.

Activated charcoal removes odors and moisture.

Felt material removes macro particles.

Carded cotton additionally removes macro particles.

Respiratory felt at final stage acts as final filter before air is transferred to operator (B).

Water is removed by vortex action of air in outer cylinder.



Order code	Model	Description
30400	BAF-1	Air Filter. Complete package incl. 2 outputs, pressure regulator, drain valve, safety valve
30401	ACF	Air Filter Cartridge

Breathing Air Conditioner CCT

The output temperature of the CCT air conditioner is up to $\pm 20^{\circ}\text{C}$ below or above the input temperature.



The CCT breathing air conditioner is designed for use with all blast helmets Comfort, Aspect, Commander and Panorama. It functions according to the principle of airflow separation and intended for heating or cooling breathing air which travels from the breathing air filter to the blast helmets.

Order code	Model	Description
30305	CCT	Air conditioner cold /hot for blast helmets COMFORT and ASPECT

Breathing Air Hose BAH



For connection between blasting hood and airline filter BAF.

CHARACTERISTICS.

Special thick-wall hose made from non-toxic materials. Thick-walls prevents the hose from buckling and pinching.

Order code	Model	Description
30909	BAH	Breathing air hose 9x15mm, with mounted fittings, 20 m. Roll
30900	BAH	Breathing air hose 9x15mm, with mounted fittings, 40 m. Roll

Seasonal Light-Duty Blast Overall

ADVANTAGES

Both zip and velcro closure for double dust protection



Fastenings on the pants prevent the entry of dust under the clothing



- Weighs and costs less than Contracor heavy-duty blast overall.
- Nylon and cotton construction is easily machine washable.
- Comfortable to use in the summer time or in the countries with hot climate

The Contracor light-duty blast overall protects the operator from rebounding abrasive media.

It is an inexpensive substitute for a heavy-duty overall, especially for short-term work or non-blast personnel working intermittently at a blast site. Through its lighter weight, the light-duty overall is more comfortable to wear in hot climates and in summer. The nylon and cotton fabrics are easily machine washable. After a job involving toxic elements, discarding a light-duty overall is more economically sensible than throwing a heavy-duty overall away.

Order code	Size	Description
30730	50 (S)	Light-Duty Blast Overall, Nylon / Cotton
30731	52 (M)	Light-Duty Blast Overall, Nylon / Cotton
30732	54 (L)	Light-Duty Blast Overall, Nylon / Cotton
30733	56 (XL)	Light-Duty Blast Overall, Nylon / Cotton
30734	58 (XXL)	Light-Duty Blast Overall, Nylon / Cotton
30735	60 (XXXL)	Light-Duty Blast Overall, Nylon / Cotton
30710		Long sleeves leather gloves

Heavy-Duty Blast Overall

ADVANTAGES

Both zip and velcro closure for double dust protection



Fastenings on the pants prevent the entry of dust under the clothing



Elastic seals around the arms



Double-seamed for more durability



Double-seamed for more durability



Long sleeves leather gloves



- Durable leather panels protect arms and legs, while durable breathable cotton back improves operator comfort.
- Adjustable straps on cuffs help keep dust and abrasive at bay for any operator.
- Double stitching for long service life
- Gauntlet gloves protect hands and wrist

The Contracor heavy-duty blast overall with gauntlet-style leather gloves protect the operator from rebounding

abrasive media. The arms and legs are protected by durable leather panels, while heavy-duty breathable cotton fabric on the back permits an air-flow, increasing operator comfort. The Contracor heavy-duty blast overall is equipped with both zip and Velcro closures for double dust protection, elastic seals around the arms and fastenings on the pants to keep out dust and abrasive.

Double stitching on the overall ensures long service life.

Order code	Size	Description
30700	50 (S)	Heavy-Duty Blast Overall, Leather / Cotton, incl. gloves
30701	52 (M)	Heavy-Duty Blast Overall, Leather / Cotton, incl. gloves
30702	54 (L)	Heavy-Duty Blast Overall, Leather / Cotton, incl. gloves
30703	56 (XL)	Heavy-Duty Blast Overall, Leather / Cotton, incl. gloves
30704	58 (XXL)	Heavy-Duty Blast Overall, Leather / Cotton, incl. gloves
30705	60 (XXXL)	Heavy-Duty Blast Overall, Leather / Cotton, incl. gloves
30710		Long sleeves leather gloves



SPECIAL APPLICATION EQUIPMENT

part #6

PBT-1 Internal Pipe Blasting Tool



Heavy-duty and Low Maintenance



- For pipes 3" (75MM) – 12" (300MM) ID
- Adjustable centering carriage for consistent blast pattern
- Use with standard blast machine

The PBT-1 pipe cleaning tool is an ideal companion to clean blast pipes from 3" (75mm) to 12" (300mm) inner diameter.

The PBT-1 consists of a boron carbide (B_4C) nozzle in a short venturi form with a boron carbide circular deflection tip, which blasts abrasive media in a continuous circle pattern. The boron carbide materials ensure low wear and a long service life.

Centering collars and carriage allow fitting the PBT-1 to any pipe with an inner diameter between 3" (75mm) and 12" (300mm).

When used without centering collars, the PBT-1 can clean pipes with an I.D. of 2 1/2" (63mm).

With the centering collars PBT-1 can be used in the 3" to 5" I.D. pipe range.

With centering carriage PBT-1 is adjustable to handle all diameters between 5" and 12" I.D.

COMPLETE PACKAGE:

centering collars sets, centering carriage, wrenches set.

Order code	Model	Description
12600	PBT-1	Pipe blasting tool 3" (75mm) – 12" (300mm) with 12,5 mm nozzle and boron carbide (B_4C) deflection tip. Complete package incl. centering collars sets, centering carriage, wrenches set.

PBT-2 Internal Pipe Blasting Tool

Heavy-duty and Low Maintenance



- For pipes 12" (300 mm) to 36" (900 mm) ID
- Air motor control offers flexibility in cleaning rates for varying surface conditions
- Adjustable centering carriage for consistent blast pattern
- Use with standard blast machine

The PBT-2 is an accessory for all Contracor blast machines that allows easy cleaning of the internal surface of steel pipes. It is durable, portable, and most of all, easy to use, allowing considerable increases in productivity.

The PBT-2 consists of an adjustable centre carriage on which a pneumatically driven motor is mounted,

which rotates the blast head to produce a uniform cleaned blast surface.

The carriage is infinitely adjustable from 12" (300mm) to 36" (900mm) inside diameter.

The motor is driven by compressed air. The rotational speed is infinitely variable, allowing high operational flexibility with all degrees of corrosion of the inner surfaces.

The PBT-2 unit can be operated with nozzle sizes from 5.0mm to 9.5mm inner diameter.

COMPLETE PACKAGE:

PBT-2, two leg sets (short leg set 12"-20" and long leg set 24"-36"), 2 x PBN-6.5 nozzles, wrenches set.

Order code	Model	Description
12700	PBT-2	Pipe blasting tool 12" (300mm) – 36" (900mm) Complete package incl. two leg sets (short leg set 12"-20" and long leg set 24"-36"), 2 x PBN-6.5 nozzles, wrenches set.
12701	PBN-5.0	Dia. 5.0 mm B4C Blast nozzle for PBT-2
12702	PBN-6.5	Dia. 6.5 mm B4C Blast nozzle for PBT-2
12703	PBN-8.0	Dia. 8.0 mm B4C Blast nozzle for PBT-2
12704	PBN-9.5	Dia. 9.5mm B4C Blast nozzle for PBT-2

Educt-O-Matic closed-circuit blast tool



The Educt-O-Matic is the compact hand-portable closed-circuit blast tool, which can be transported everywhere and required just 2.5m³/min of air at 6bar. Blasting and media recovery are controlled just with one trigger. Media recovery is initiated by slightly pulling the trigger, while pulling the trigger fully starts the suction blast system.

Abrasive is stored in a compact conical hopper from

where it is metered into the blast apparatus.

Abrasive is drawn into the mixing chamber of the Educt-O-Matic by the high speed airstream, where it is mixed with air, and is then propelled out of the nozzle. The blast head is adjustable and swivels to allow blasting at any angle. Abrasive and dust are captured in the rubber attachment. Reusable abrasive is drawn back to the hopper, whereas broken abrasive and dust are directed to the dust bag.

An area about 30mm wide can easily be cleaned with an Educt-O-Matic.

When finished with blasting, just release the trigger to half-way for two to three seconds, and the vacuum recovers the remaining dust and abrasive.

Vacuuming is stopped by fully releasing the trigger.

The Educt-O-Matic works best with steel or iron grit. Dust and broken abrasive are captured in a simple cotton bag.

COMPLETE PACKAGE:

EDUCT-O-MATIC, 6 attachments and dust bag.

Order code	Model	Description
12800	Educt-O-Matic	Hand-portable closed-circuit blast tool. Complete package incl. 6 attachments and dust bag

Power Gun



- **Lightweight, portable and easily transportable tool**
- **Suitable for use with all media containers, or even straight out of the bag**
- **Simple work principle – just plunge the suction lance into the container of abrasive and pull the trigger**
- **Easy to use and maintain**

The Contracor Power Gun is a suction blast tool ideally suited to small jobs or locations with limited air supplies. Thanks to its light weight and compact

dimensions, the Contracor Power Gun can be used in places where erecting a conventional pressure blast machine would be awkward or inconvenient.

The Power Gun can be used with all common blast media, to clean or etch metal, glass, stone or other hardwearing surfaces.

To operate the Power Gun, just connect it to a compressed air source, and submerge the suction lance to which the abrasive hose is connected partially into a container of blast media.

To commence blasting, simply depress the lever on the Power Gun. The tool operates according to Bernoulli's principle, where a low-pressure area is created by the compressed air rushing past the abrasive-injection point, where the abrasive hose is connected to the gun. This low-pressure area draws abrasive into the airstream, where mixing takes place. The air-abrasive mix is then exhausted out of the gun and strikes the blasting surface.

COMPLETE PACKAGE:

Power Gun, suction lance and 5m suction hose with hose clamps.

Order code	Model	Description
12900	Power Gun	Portable suction type blast tool. Complete package incl. suction lance and 5m suction hose

Blast Light ABL



- **Rubber Light Body for durability and reduced weight**
- **Integrated hose clamp for fast mounting on the blast hose**
- **20-watt Halogen Bulb provides bright light to the work surface**
- **Multiple power source capabilities to match your work environment**

The 12V DC ABL Blast Light attaches to the blast hose providing illumination to the work surface when working in low-light areas.

A 20-watt halogen bulb can be powered by either a 12-volt DC battery or a 230V to 12V DC transformer, allowing for versatility in work environments. The long-lasting bulb is protected by a thick replaceable lens and rubber Light Body for lasting durability. The compact ABL Light Body has integrated hose clamp allowing for direct attachment to the blast hose and a 5 meter rubberized power cord.

COMPLETE PACKAGE:

Blast Light with integrated hose clamp, 20W -12V DC halogen bulb, 5m. power cord.

Order code	Model	Description
12250	ABL	Blast Light, 20W, 12V DC, incl. 5m. power cord



COMPRESSED AIR PREPARATION

part #7

Compressed Air Aftercoolers Type ACP / ACE



Aftercoolers are an economical way to remove up to 70% of water vapor and cool compressed air to usable for blasting applications levels.



The compressed air discharged from an air compressor screw is hot - approx. 90°C. Compressed air at these temperatures contains large quantities of water in vapor form. As the compressed air cools, this water vapor condenses into a liquid form.

Just as example, without aftercooler, a 5,7 m³/min compressor operating at 7 bar introduces 170 liter of water into the compressed air system each day.

Contracor® compressed air aftercoolers ACE and ACP are designed to cool the air to within 2.7°C to 11°C of ambient air temperature. As the compressed air cools, up to 70% of the water vapor present condenses to a liquid and can be removed from the system.

CS type moisture separator installed at the discharge of the aftercooler removes most of the liquid moisture and solids from the compressed air.

	ACP	ACE
Max. working pressure, bar	16	16
Max. air flow, m³/min	12,6	12,6
Motor connection	Air max. 6.0 bar	3 x 380 V~
Motor power, kW	0,65 [5 bar]	0,75
Air connection size	2"	2"

Order code	Description
11001	Compressed air aftercoolers type ACP. Complete package incl. pneumatic motor with impeller, pressure regulator, CS-5 centrifugal separator.
11002	Compressed air aftercoolers type ACE. Complete package incl. electric motor with impeller (without motor switch), CS-5 centrifugal separator.

Centrifugal Separator Type CS



Centrifugal separators type CS are a most effective solution to remove up to 99% of the liquid condensate present in the compressed air network. CS separators type allow extremely reliable centrifuge operation and do not require any maintenance.

VORTEX GENERATOR-VANE

Aerodynamically designed vortex generator vanes for greater efficiency.

VORTEX GENERATOR-CONE

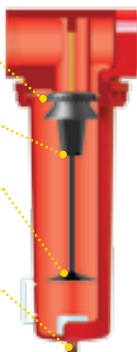
Conical profile for enhanced vortex effect.

CYCLONE ARRESTOR

Special profile designed to improve separator efficiency and prevent re-entrainment of separated water.

AUTOMATIC CONDENSATE DRAIN

Aerodynamically designed vortex generator vanes for greater efficiency.



AREAS OF USE:

Installation downstream of aftercoolers, air receivers, refrigeration dryers etc... Designed to remove up to 99% of liquid condensate in the compressed air by very low maintenance costs.

STANDARD DELIVERY:

Robust aluminium housing. Efficient automatic drain.

	CS-2	CS-3	CS-4	CS-5
Air connection size	1"	1.1/4"	1.1/2"	2"
Max. air flow, m³/min	5,5	9	12,5	24
Max. working pressure, bar	12	12	12	12

Order code	Model	Description
11011	CS-2	Centrifugal separator 1" BSP
11012	CS-3	Centrifugal separator 1.1/4" BSP
11013	CS-4	Centrifugal separator 1.1/2" BSP
11014	CS-5	Centrifugal separator 2" BSP

Portable High Volume Coalescent Filter Type CK-50



Portable high volume coalescent filters CK-50 are a most effective solution to remove up to 95% of the liquid condensate and dirt particles, down to 10 microns, from compressed air supply. Specially designed for portable use by sandblasting applications.



OPERATION:



Portable 50-litre capacity high volume coalescent filter CK-50 removes water from compressed air supply for multiple blast machines.

As moist air enters the CK-50, it moves up inside the chamber passing through a fine mesh stainless steel filter element that causes the water vapour and oil to coalesce into larger

drops that fall to the bottom of the filter. Most particulate material, down to 10 microns, gets trapped in the filter mesh.

AREAS OF USE:

Designed for use with portable compressors in conjunction with a conventional particulate air filter CAF-3 installed at the blast machine inlet.

STANDARD DELIVERY:

- 50 litre volume steel tank
- Stainless steel coalescent element
- Safety valve
- Manual drain valve

ADVANTAGES:

- Simple design, special for field use.
- Lower purchase and operating costs than by refrigerated or chemical drying systems.
- Cleaning with water only required for maintenance.

	CK-50
Air connection size	1.1/2"
Max. air flow, m³/min	22
Max. working pressure, bar 12	12

Order code	Model	Description
50100	CK-50	Portable high volume coalescent filter incl. safety valve, drain valve, quick connection couplings

Compressed air coupling SKG



Order code	Description
50017	Compressed air coupling, for 10 mm hose I.D, SKG-10
50018	Compressed air coupling, for 13 mm hose I.D, SKG-13
50019	Compressed air coupling, for 19 mm hose I.D, SKG-19
50020	Compressed air coupling, for 25 mm hose I.D, SKG-25

Order code	Description
50027	Connecting nipple 1.1/4" x RD 46 x 1/6"
50028	Connecting nipple 1.1/2" x RD 55 x 1/6"
50029	Connecting nipple 2" x RD 75 x 1/6"

Connecting Nipple



Connecting Set- Stem



Order code	Description
50021	Connecting set- stem 1.1/4" x wing nut RD 46 x 1/6"
50022	Connecting set- stem 1.1/2" x wing nut RD 55 x 1/6"
50023	Connecting set- stem 2" x wing nut RD 75 x 1/6"

Order code	Description
50024	Male thread stem 1.1/4" for hose ID=32mm
50025	Male thread stem 1.1/2" for hose ID=38mm
50026	Male thread stem 2" for hose ID=53mm

Male Thread stem



Hose Menders



Order code	Description
50030	Hose menders 1/2"
50031	Hose menders 3/4"
50032	Hose menders 1"
50033	Hose menders 1.1/4"
50034	Hose menders 1.1/2"
50035	Hose menders 2"

Order code	Description
50010	Hose clamp 1/2" x (20-29 mm)
50011	Hose clamp 3/4" x (28-34 mm)
50012	Hose clamp 1" x (32-40 mm)
50014	Hose clamp 1.1/4" x (39-49 mm)
50015	Hose clamp 1.1/2" x (48-60 mm)
50016	Hose clamp 2" x (60-76 mm)

Hose Clamp





MEASUREMENT EQUIPMENT

part #8

Surface Roughness Comparator GRIT



A precision nickel comparator plate which conforms to International Standard ISO 8503 for grit and shot blast surface roughness comparison measurement.

Comparators allow the estimation of surface roughness by touch and sight. They are split into four sections, each with a different and defined roughness.

The grit version is split into sections equivalent to 25, 60, 100 and 150 microns.

Order code	Model	Description
70510	SRC-GRIT	Surface Roughness Comparator, Grit

Order code	Model	Description
70500	SRC-SHOT	Surface Roughness Comparator, Shot

Surface Roughness Comparator SHOT



A precision nickel comparator plate which conforms to International Standard ISO 8503 for grit and shot blast surface roughness comparison measurement.

Comparators allow the estimation of surface roughness by touch and sight. They are split into four sections, each with a different and defined roughness.

The shot version is split into sections equivalent to 25, 40, 70 and 100 microns.

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