



**PORTABLE  
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.

The latest catalogue version is available for download on our web page

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## PORTABLE ABRASIVE BLASTING EQUIPMENT PACKAGES

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## Blast Machine and Safety Equipment Packages



\* Pictured above:  
BlastPack-200,  
SafePack-Aspect

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.

## 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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**PORTABLE ABRASIVE BLASTING  
MACHINES AND MACHINE SPARES**

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## Abrasive Blasting Machines



### 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 m<sup>2</sup>/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	10	10	10	10
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 consumption (m<sup>3</sup>/min)

Nozzle Diameter	Abrasive blasting	Plus hood	Plus 50% reserve	Minimum air input
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 <sup>3</sup> /min., at 8 bar pressure		4,2	6,6	9	11,6	16,1
Average output, m <sup>2</sup> /h	SA 2	10	15	21	28	37
	SA 2 <sup>1</sup> / <sub>2</sub>	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 <sup>1</sup> / <sub>2</sub>	58	51	46	42	40
	SA 3	78	68	62	56	54

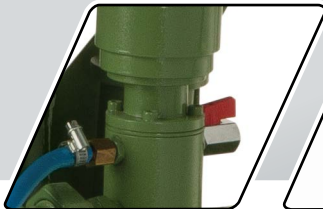


**DBS-25RC, DBS-50 RC  
(with remote control)**

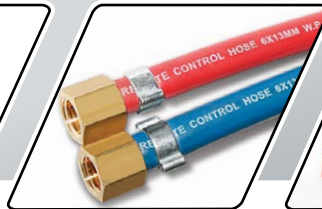


**OIL-MOISTURE  
SEPARATOR CAF-0\***

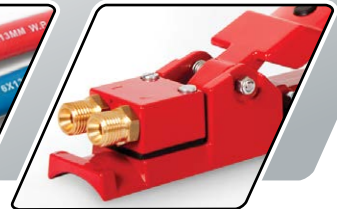
**RC Valve RCV-0**



**TWINLINE hose**



**Deadman handle**



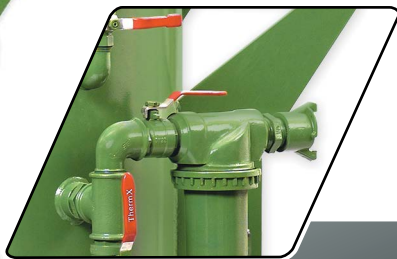
## Standard delivery:

DBS-25 RC (with remote control)	DBS-50 RC (with remote control)
<ul style="list-style-type: none"> <li>- 25-liter capacity tank</li> <li>- screen</li> <li>- cap</li> <li>- sand valve FSV-0</li> <li>- high-performance moisture separator CAF-0</li> <li>- quick hose couplings CFT-0</li> <li>- remote control device with a pneumatically-operated RC main valve, deadman handle, 5-meter twin-line hose, hose fittings</li> </ul>	<ul style="list-style-type: none"> <li>- 50-liter capacity tank</li> <li>- screen</li> <li>- cap</li> <li>- sand valve FSV-0</li> <li>- high-performance moisture separator CAF-0</li> <li>- quick hose couplings CFT-0</li> <li>- remote control device with a pneumatically-operated RC main valve, deadman handle, 5-meter twin-line hose, hose fittings</li> </ul>

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 9

## 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		DBS-200
<ul style="list-style-type: none"> <li>- 100 liter capacity tank</li> <li>- screen</li> <li>- cap</li> <li>- sand valve</li> <li>- high-performance moisture separator</li> <li>- inspection door</li> <li>- quick hose couplings</li> </ul>		<ul style="list-style-type: none"> <li>- 200 liter capacity tank</li> <li>- screen</li> <li>- cap</li> <li>- sand valve</li> <li>- high-performance moisture separator</li> <li>- inspection door</li> <li>- quick hose couplings</li> </ul>
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)



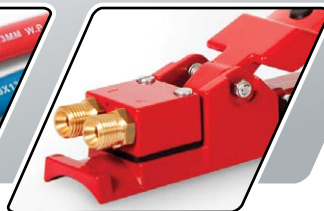
RC Valve RCV



TWINLINE hose



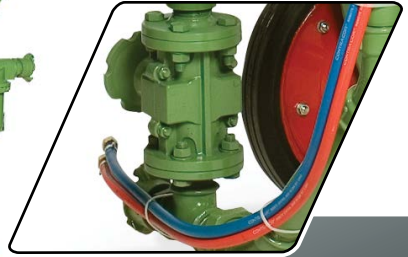
Deadman handle



### Standard delivery:

DBS-100 RC (with remote control)		DBS-200 RC (with remote control)	
<ul style="list-style-type: none"> <li>- 100-liter capacity tank</li> <li>- screen</li> <li>- cap</li> <li>- sand valve</li> <li>- high-performance moisture separator</li> <li>- inspection door</li> <li>- quick hose couplings CFT</li> <li>- remote control device with a pneumatically-operated RC main valve, deadman handle, 20-meter twin-line hose, hose fittings</li> </ul>		<ul style="list-style-type: none"> <li>- 200-liter capacity tank</li> <li>- screen</li> <li>- cap</li> <li>- sand valve</li> <li>- high-performance moisture separator</li> <li>- inspection door</li> <li>- quick hose couplings CFT</li> <li>- remote control device with a pneumatically-operated RC main valve, deadman handle, 20-meter twin-line hose, hose fittings</li> </ul>	
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)

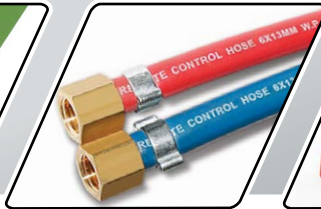


Special valve for steel abrasives SGV

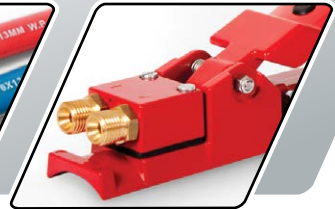
RC Valve RCV



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.

## FSV Metering Valve



The Contracor FSV flow control valve is designed for the precise metering of abrasive into the compressed air flow at the outlet of a blast machine.

### Design features

The 45° inclined FSV valve design affords uniform mixture of air and abrasive. The valve's durable control disks provide precise metering of an abrasive quantity. The service port allows the valve to be cleared of clogging. The Contracor FSV flow control valve is designed for working with mineral abrasives (slag).

Order code	Model	Description
10850	FSV	FSV Flow control valve 1.1/4"

## SVG Metering Valve, Rubber Pipe For SVG Valve



The Contracor SVG flow control valve is designed for the precise metering of abrasive into the compressed air flow at the outlet of a blast machine.

### Design features

The SVG valve is used for metering heavy or aggressive abrasive materials, such as steel shot and grit or aluminium oxide. The SVG design prevents the valve body from coming into contact with the abrasive stream. The abrasive stream only touches the rubber pipe, which may be quickly replaced when worn. The abrasive is metered by means of constricting the rubber pipe by a metering screw.

Order code	Model	Description
10860	SVG	SVG flow control valve for heavy or aggressive materials
10947		Rubber pipe for SVG valve, spare part

## Remote Control System For Blast Vessels



The remote control system is used by a single abrasive blasting operator for starting up and shutting down the blast machine. The remote control system comprises a remote control RCV valve and remote control DMH handle, which are connected by a twin hose.

### RCV remote control valve

The RCV remote control valve is used for controlling the compressed air feed to the machine while simultaneously controlling air blow-out from the machine. Both control functions run concurrently when the DMH handle is pressed or released by the abrasive blasting operator. Air is bled from the tank via a damper, which is included in the delivery set.

### DMH remote control handle

The DMH remote control handle is fastened to the nozzle and connected to the RCV remote control valve using a dual hose.

### Design features

The RCV remote control valve responds when the DMH handle is pressed. The blast machine's tank is pressurized and the abrasive blast cleaning process begins. When the DMH handle is released, the RCV remote control valve closes, the abrasive blast cleaning process terminates and the machine's tank depressurizes.

Order code	Model	Description
10870	RCV	RCV Remote control valve 1.1/4"
10880	DMH	DMH Remote control handle

## 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			

## 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			■



**HOSES FOR ABRASIVE BLASTING,  
REMOTE CONTROL HOSES**

[www.est.sk](http://www.est.sk)



## Blasting Hoses EXTRA BLAST



**ABRASION RESISTANCE**  
According to DIN 53516:  
Max. 60 mm<sup>3</sup>  
Avg. 52 mm<sup>3</sup>.

### 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 Hoses TWINLINE



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



**BLAST HOSE COUPLINGS,  
SAFETY CABLES**

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## Nozzle Holders, Nylon



Material: nylon.  
Thread 50 mm –  
suitable for the tread of  
CONTRACOR® nozzles.

For abrasive blasting hoses with. 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

## Blast Hose Quick Couplings



CQP material: nylon.  
CQT material: metal.

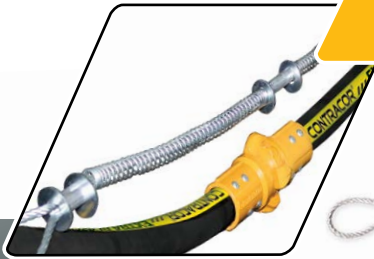
For abrasive blasting hoses with. Compatible with hose couplings CFT on CONTRACOR® abrasive blasting machines. Delivery: rubber washer, screws, safety clip.

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

## Hose Safety Cables



Corrosion resistant steel cables with plated springs and aluminium ferrules



### 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.

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.

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.



**BLAST NOZZLES**

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## Blast nozzles PERFORMER 400 PU PERFORMER 400 ALU-PU (tungsten carbide)



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

Performer is the latest development of high performance Venturi blast cleaning nozzles. New modern and highly wear resistant liners are equipped with a rugged and lightweight polyurethane jacket. Whether blasting with high aggressive Fused Aluminas, Silicon Carbides and Steel Grits or blasting with Expendable slag-based abrasives - in Contracor Performer nozzles range you will find the best suitable nozzle for your application. Performer nozzles are available in five sizes to achieve maximum productivity of abrasive blast cleaning system. You can select correct nozzle bore to suit compressed air supply and optimize blast media consumption.

### Nozzles PERFORMER 400 PU

Wear-resistant Venturi blasting nozzles made of tungsten carbide (TC). Service life: up 400 h.  
Cover: Polyurethane. Thread: Polyurethane, 50 mm for NHP nozzle holder. Entry size: 32 mm.

Order code	Model	Description
13022	Performer 400 PUx6.5	Venturi nozzle, tungsten carbide, 6.5 mm x 130 mm
13023	Performer 400 PUx8.0	Venturi nozzle, tungsten carbide, 8.0 mm x 150 mm
13024	Performer 400 PUx9.5	Venturi nozzle, tungsten carbide, 9.5 mm x 170 mm
13025	Performer 400 PUx11.0	Venturi nozzle, tungsten carbide, 11.0 mm x 200 mm
13026	Performer 400 PUx12.5	Venturi nozzle, tungsten carbide, 12.5 mm x 210 mm

## Nozzles PERFORMER 400 ALU-PU

Wear-resistant Venturi blasting nozzles made of tungsten carbide (TC). Service life: up 400 h.  
Cover: Polyurethane. Thread: Aluminum, 50 mm for NHP nozzle holder. Entry size: 32 mm.

Order code	Model	Description
13062	Performer 400 ALU-PUx6.5	Venturi nozzle, tungsten carbide, 6.5 mm x 130 mm
13063	Performer 400 ALU-PUx8.0	Venturi nozzle, tungsten carbide, 8.0 mm x 150 mm
13064	Performer 400 ALU-PUx9.5	Venturi nozzle, tungsten carbide, 9.5 mm x 170 mm
13065	Performer 400 ALU-PUx11.0	Venturi nozzle, tungsten carbide, 11.0 mm x 200 mm
13066	Performer 400 ALU-PUx12.5	Venturi nozzle, tungsten carbide, 12.5 mm x 210 mm

## Blast nozzles PERFORMER 600 PU PERFORMER 600 ALU-PU (silicon carbide)



abrasive blast nozzles  
made from high-quality  
silicon carbide (SiC).

Performer is the latest development of high performance Venturi blast cleaning nozzles. New modern and highly wear resistant liners are equipped with a rugged and lightweight polyurethane jacket. Whether blasting with high aggressive Fused Aluminas, Silicon Carbides and Steel Grits or blasting with Expendable slag-based abrasives - in Contracor Performer nozzles range you will find the best suitable nozzle for your application. Performer nozzles are available in five sizes to achieve maximum productivity of abrasive blast cleaning system. You can select correct nozzle bore to suit compressed air supply and optimize blast media consumption.

### Nozzles PERFORMER 600 PU

Wear-resistant Venturi blasting nozzles made of silicon carbide (SiC). Service life: up 600 h.  
Cover: Polyurethane. Thread: Polyurethane, 50 mm for NHP nozzle holder. Entry size: 32 mm.

Order code	Model	Description
13032	Performer 600 PUx6.5	Venturi nozzle, silicon carbide, 6.5 mm x 130 mm
13033	Performer 600 PUx8.0	Venturi nozzle, silicon carbide, 8.0 mm x 150 mm
13034	Performer 600 PUx9.5	Venturi nozzle, silicon carbide, 9.5 mm x 170 mm
13035	Performer 600 PUx11.0	Venturi nozzle, silicon carbide, 11.0 mm x 200 mm
13036	Performer 600 PUx12.5	Venturi nozzle, silicon carbide, 12.5 mm x 210 mm

## Nozzles PERFORMER 600 ALU-PU

Wear-resistant Venturi blasting nozzles made of silicon carbide (SiC). Service life: up to 600 h.  
Cover: Polyurethane. Thread: Aluminum, 50 mm for NHP nozzle holder. Entry size: 32 mm.

Order code	Model	Description
13072	Performer 600 ALU-PUx6.5	Venturi nozzle, silicon carbide, 6.5 mm x 130 mm
13073	Performer 600 ALU-PUx8.0	Venturi nozzle, silicon carbide, 8.0 mm x 150 mm
13074	Performer 600 ALU-PUx9.5	Venturi nozzle, silicon carbide, 9.5 mm x 170 mm
13075	Performer 600 ALU-PUx11.0	Venturi nozzle, silicon carbide, 11.0 mm x 200 mm
13076	Performer 600 ALU-PUx12.5	Venturi nozzle, silicon carbide, 12.5 mm x 210 mm

## Blast nozzles PERFORMER 1000 ALU-PU (boron carbide)



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

Performer is the latest development of high performance Venturi blast cleaning nozzles. New modern and highly wear resistant liners are equipped with a rugged and lightweight polyurethane jacket. Whether blasting with high aggressive Fused Aluminas, Boron Carbides and Steel Grits or blasting with Expendable slag-based abrasives - in Contracor Performer nozzles range you will find the best suitable nozzle for your application. Performer nozzles are available in five sizes to achieve maximum productivity of abrasive blast cleaning system. You can select correct nozzle bore to suit compressed air supply and optimize blast media consumption.

### Nozzles PERFORMER 1000 ALU-PU

Wear-resistant Venturi blasting nozzles made of boron carbide (B4C). Service life: up 1000 h.  
Cover: Polyurethane. Thread: Aluminum, 50 mm for NHP nozzle holder. Entry size: 32 mm.

Order code	Model	Description
13082	Performer 1000 PUx6.5	Venturi nozzle, boron carbide, 6.5 mm x 130 mm
13083	Performer 1000 PUx8.0	Venturi nozzle, boron carbide, 8.0 mm x 150 mm
13084	Performer 1000 PUx9.5	Venturi nozzle, boron carbide, 9.5 mm x 170 mm
13085	Performer 1000 PUx11.0	Venturi nozzle, boron carbide, 11.0 mm x 200 mm
13086	Performer 1000 PUx12.5	Venturi nozzle, boron carbide, 12.5 mm x 210 mm

## Blast Nozzles CLASSIC TC Venturi Type



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

### Nozzles type RTC

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

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%.

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

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).

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%.

Service life: up 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).

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.

Service life: up 400 h. Cover: Aluminum / rubber. 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

## Blast Nozzles CLASSIC TC Short Type



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

### Nozzles type STC

Wear-resistant short Venturi blasting nozzles made of tungsten carbide (TC). Service life: up 400 h.  
Cover: Rubber. Thread: Rubber, 50 mm for NHP nozzle holder.

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 400 h.  
Cover: aluminum. Thread: aluminum, 50 mm for NHP nozzle holder. Entry size: 32 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

## Blast Nozzles CLASSIC TC Stick-up Type



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

### 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
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

### 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.

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

## Blast Nozzles CLASSIC B4C Venturi Type



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

### Nozzles type SBC

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

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.

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 UBC

Wear-resistant Venturi blasting nozzles made of boron carbide [B4C].

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. 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
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 DVBC

Wear-resistant Venturi blasting nozzles made of boron carbide [B4C].

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. 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

## Blast Nozzles CLASSIC B4C Stick-up Type



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

### Nozzles type GBC

Wear-resistant Venturi blasting nozzles made of boron carbide (B4C). Special designed for using with blast hose ID=25 mm. Service life: up to 1000 h. Cover: Aluminum.

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 type HBC

Wear-resistant Venturi blasting nozzles made of boron carbide (B4C). Special designed for using with blast hose ID=32 mm. Service life: up to 1000 h. Cover: 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

## Internal Pipe Blast Nozzles 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
12590	PTC-360°	Internal pipe blasting nozzle, tungsten carbide, 8.0mm x 75mm
29010007		Deflection tip for PTC- 360°, tungsten carbide (TC)

## Internal Pipe Blast Nozzles 360°L



Internal Pipe Blasting  
Nozzles Type PTC-360°



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
12595	PTC-360°L	Internal pipe blasting nozzle, tungsten carbide, 5.0 mm x 200 mm
29002001		Exchangeable deflection tip for PTC- 360°L, tungsten carbide (TC)

## Angle Blast Nozzles ATC



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.

### Characteristics

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.

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 Blast Nozzles BTC



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.

### Characteristics

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.

Order code	Model	Description
12581	BTC-6.5	Bending nozzle, tungsten carbide, angle 45°, 6.5 mm x 125 mm
12582	BTC-8.0	Bending nozzle, tungsten carbide, angle 45°, 8.0 mm x 125 mm
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

## Short Blast Nozzles NTC



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

### Characteristics

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

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 Injection Blast Attachment WBA



Water induction  
blast nozzles.



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.

### Designed to work with

any water matching abrasives, max. grain size 3,5 mm. Universal Water Blast Attachment. Sleeve made from high grade tungsten carbide. Fits all Contracor® blast nozzles. Jacket: Aluminum. Thread: 50-mm coarse aluminum thread.

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

## Water Injection Blast Nozzles WBN



Water induction  
blast nozzles.



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.

### Designed to work with

any water matching abrasives, max. grain size 3,5 mm. Water blast nozzles for wet blast applications. Made from high grade tungsten carbide. 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



**SPECIAL  
APPLICATION EQUIPMENT**

[www.est.sk](http://www.est.sk)

## Internal Pipe Blast Tool PBT-1



- 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 2" (50mm) to 12" (300mm) inner diameter. The PBT-1 consists of a tungsten-carbide nozzle in a venturi form with a tungsten-carbide circular deflection tip, which blasts abrasive media in a continuous circle pattern. The tungsten 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). With the centering collars PBT-1 can be used in the 3" (75mm) to 5" (125mm) I.D. pipe range. With centering carriage PBT-1 is adjustable to handle all diameters between 5" (125mm) and 12" (300mm) I.D.



### Standard delivery

Centering collars sets, centering carriage.

Order code	Model	Description
12630	PBT-1	Pipe blasting tool 3" (75mm) - 12" (300mm) with 12,5 mm nozzle and tungsten carbide (TC) deflection tip. Complete package incl. centering collars sets and centering carriage.

## Internal Pipe Blast Tool PBT-2 ROTOBlast



- For pipes 12" (304,8 mm) to 36" (914,4 mm) ID
- Variable feed and optimal rotation speed offers flexibility in cleaning rates for varying surface conditions
- Adjustable centering carriage for consistent blast pattern
- Use with standard blast machine

The PBT-2 ROTOBlast 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. It guaranteed considerable increases in productivity. The PBT-2 ROTOBlast consists of an adjustable centre carriage and a constant speed rotating blast head to produce a uniform cleaned blast surface. The carriage is infinitely adjustable from 12" (304,8mm) to 36" (914,4mm) inside diameter. The rotating head is driven by compressed air and two radially positioned blast nozzles. The adjustment of the feed allows a high operational flexibility with all degrees of corrosion of the inner surfaces. The PBT-2 ROTOBlast unit can be operated with nozzle sizes from 5.0mm to 9.5mm inner diameter.

### Standard delivery

Three leg sets, 2 x NTC(F)-5.0 nozzles, 10 x spare leather washers.

Order code	Model	Description
12730	PBT-2 ROTOBlast	Pipe blasting tool 12" (304,8mm) - 36" (914,4mm). Complete package incl. three leg sets, 2 x NTC(F)-5.0 nozzles, 10 x spare leather washers
29003024	NTC(F)-5.0	Dia. 5.0 mm TC Blast nozzle for PBT-2 ROTOBlast
29003025	NTC(F)-6.5	Dia. 6.5 mm TC Blast nozzle for PBT-2 ROTOBlast
29003026	NTC(F)-8.0	Dia. 8.0 mm TC Blast nozzle for PBT-2 ROTOBlast
29003027	NTC(F)-9.5	Dia. 9.5mm TC Blast nozzle for PBT-2 ROTOBlast

## Closed Circuit Blast Tool EDUCT-O-MATIC



Hand-portable 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 2.5m<sup>3</sup>/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 allows 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.

### Standard delivery

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

## Portable Suction Blast Tool 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.

### Standard delivery

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



- 800 lumens, concentrated light cone
- Modern LED technology
- Light housing is specially designed for blast hose mounting
- Simple and fast exchange of the disposable glass
- Mounted ABL light will not interfere with the normal operation of DMH handle

The ABL blast light is designed for illuminating a working area during sandblast cleaning operations. The lamp runs on 12 volts and provides a bright concentrated light which can be directed at the working area. It utilizes an approximately 800-lumen bright LED module to produce a concentrated light cone.



The ABL blast light attaches to the sandblast hose and does not interfere with operation of the DMH handle. The operator does not have to hold the light in one hand in order for it to work effectively. The modern LED light runs on a 12 V DC battery or other 12 V DC source.

The lamp has a hermetically sealed design and is protected against dust and abrasive material. A stable and replaceable deflector glass protects the lamp against abrasive material damage. The disposable glass can be easily replaced once the rubber cover is removed. The LED light is supplied with a 1.5-m power cord.

### Standard delivery

Assembled 12V LED light with 1.5-m power cord.

Order code	Model	Description
29004000	ABL	LED Blast light, approx. 800 lumens, 12 V DC, incl. 1.5-m power cord.



**OPERATOR SAFETY EQUIPMENT**

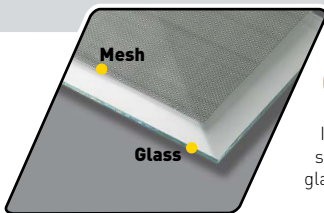
[www.est.sk](http://www.est.sk)

## Abrasive Blasting Helmet COMFORT



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

This very comfortable, lightweight and value-formoney 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.



### 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.

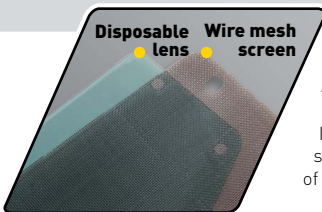
Order code	Model	Description
30000	COMFORT	Blast Helmet, durable nylon cape

## Abrasive Blasting Helmet ASPECT



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. The top of the cape is protected from ricochet of blast material by an extended window frame. The embedding of media between the lenses is prevented by an integral 1"-deep visor. Easy closing of the window through a slot which aligns the closing latch and tab. The cape is fixed to the bottom rim of the helmet via an adjustable ratchet buckle, which ensures a secure fit and easy replacement. High operator visibility and security are provided by two lenses and a wire mesh screen.

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.



### 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 50 pcs.

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



## Breathing Air Filter BAF

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.

## 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.



### 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.

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 Overall, HEAVY-DUTY



### Advantages

Both zip and velcro closure for double dust protection

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



Double-seamed for more durability



Cotton inner layer reduced leather pull in the knees



Elastic seals around the arms

Long sleeves leather gloves



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

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. Cert. to ISO14877:2002
30701	52 ( M )	Heavy-Duty Blast Overall, Leather / Cotton, incl. gloves. Cert. to ISO14877:2002
30702	54 ( L )	Heavy-Duty Blast Overall, Leather / Cotton, incl. gloves. Cert. to ISO14877:2002
30703	56 ( XL )	Heavy-Duty Blast Overall, Leather / Cotton, incl. gloves. Cert. to ISO14877:2002
30704	58 ( XXL )	Heavy-Duty Blast Overall, Leather / Cotton, incl. gloves. Cert. to ISO14877:2002
30705	60 ( XXXL )	Heavy-Duty Blast Overall, Leather / Cotton, incl. gloves. Cert. to ISO14877:2002
30710		Long sleeves leather gloves. Cert. to ISO14877:2002

## Blast Overall, STANDARD-DUTY



### Advantages

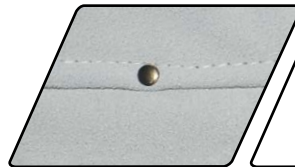
Both zip and velcro closure for double dust protection

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



Double-seamed for more durability

Long sleeves leather gloves



The Contracor standard-duty blast overall protect the operator from rebounding abrasive media. The front-side is protected by durable leather panels, while heavy-duty breathable cotton fabric on the back permits an air-flow, increasing operator comfort. The Contracor standard -duty blast overall is equipped with both zip and Velcro closures for double dust protection and fastenings around the arms and on the pants to keep out dust and abrasive. Double stitching on the overall ensures long service life.

Order code	Size	Description
30740	50 ( S )	Standard-Duty Blast Overall, leather / Cotton, without gloves
30741	52 ( M )	Standard-Duty Blast Overall, leather / Cotton, without gloves
30742	54 ( L )	Standard-Duty Blast Overall, leather / Cotton, without gloves
30743	56 ( XL )	Standard-Duty Blast Overall, leather / Cotton, without gloves
30744	58 ( XXL )	Standard-Duty Blast Overall, leather / Cotton, without gloves
30745	60 ( XXXL )	Standard-Duty Blast Overall, leather / Cotton, without gloves
30750		Sandblast gloves (red)

## Blast Overall, SEASONAL



### Advantages

Both zip and velcro closure for double dust protection

Velcro closures around the arms and legs



- 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. Cert. to ISO14877:2002



## COMPRESSED AIR-LINE EQUIPMENT AND COMPONENTS

[www.est.sk](http://www.est.sk)

## Portable Moisture Extraction Systems MEX



**APPLICATION**  
Abrasive blast cleaning, paint spraying with a pneumatic drive, gunning, and construction and road works using pneumatic tools.

Moisture extraction systems MEX remove condensate and oil from the air stream during abrasive blast cleaning. Condensate and oils in the abrasive blast cleaning system lead to the caking of abrasive material and potential blocking of the metering valves, hoses and nozzles. Dry and cleaned compressed air prevents caking of abrasive material, increases performance and reduces maintenance costs. Moisture extraction systems MEX are an efficient means of removing up to 95% of condensate and oil which are commonly present in compressed air. Dry air prevents moist abrasive material, which would lead to increased wear, downtime and extra servicing.

The MEX-P aftercooler



is fitted with a pressure controller for controlling the air flow of the fan, and a filter and a lubricator to ensure the long service life of the pneumatic drive.

The MEX-E aftercooler



is fitted with a contactor starter with dampproof and dust-proof casing.

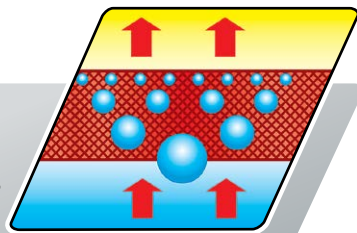
Moisture Extraction Systems MEX



are equipped with both cyclone and coalescing separators capable of eliminating up to 95% of condensed moisture from compressed air.

## Coalescence element

The compressed air inside the receiver passes through a mesh coalescing element. Moisture and oil are deposited on the grid coalescing element and, when confronted, form large drops, which under the action of gravity fall to the bottom of the filter.



## Designed for operation

With any brand of portable and stationary screw compressor unit. Compressed air flowing from a diesel compressor has a high temperature of approximately 90°C. At such a temperature, compressed air contains a large amount of moisture in the form of steam vapour. If an aftercooler and cyclone condensate separator are not used, compressed air can add up to 21.5 litres of water per hour into the system with a compressor operating at 5.7 m<sup>3</sup>/min capacity and a pressure of 7 bar. Moisture extraction systems MEX cool compressed air to a temperature 3° C - 10° C higher than the ambient temperature. Once the air is cooled, vapour moisture condenses and up to 95% of condensed moisture may be eliminated from the system.

## Functional characteristics

- durable full welded construction
- pneumatic or electric drive
- efficient cyclone separator
- distributing header to three or four ball valves
- pressure controller / filter / lubricator (MEX-P)
- contactor starter in sealed casing (MEX-E)
- lifting lugs and forklift slots

Technical data	MEX-E-1	MEX-E-2	MEX-E-3	MEX-P-1	MEX-P-2	MEX-P-3
Maximum working pressure, bar	12					
Capacity, m <sup>3</sup> /min	20	30	45	20	30	45
Voltage, V	380~ /50 Hz			-	-	-
Power, kW	0,135	0,820	0,830	-	-	-
Pressure of air motor min/max, bar	-			2 / 6		
Consumption of compressed air with min/max pressure of air motor, m <sup>3</sup> /min	-			0,6 / 1,4		
Thread connection, inlet	1½"	2"	3"	1½"	2"	3"
Thread connection, outlet	1x¾"	1x¾"	1x¾"	1x¾"	1x¾"	1x¾"
	1x1"	1x1¼"	1x1¼"	1x1"	1x1¼"	1x1¼"
	1x1¼"	1x1½"	2x1½"	1x1¼"	1x1½"	2x1½"

Order code	Model	Description
14380001	MEX-P-1	Moisture extraction system, capacity 20 m <sup>3</sup> /min, pneumatic drive
14380002	MEX-P-2	Moisture extraction system, capacity 30 m <sup>3</sup> /min, pneumatic drive
14380003	MEX-P-3	Moisture extraction system, capacity 45 m <sup>3</sup> /min, pneumatic drive
14380011	MEX-E-1	Moisture extraction system, capacity 20 m <sup>3</sup> /min, electric drive
14380012	MEX-E-2	Moisture extraction system, capacity 30 m <sup>3</sup> /min, electric drive
14380013	MEX-E-3	Moisture extraction system, capacity 45 m <sup>3</sup> /min, electric drive

## Portable Compressed Air Aftercoolers ACP/ACE



**APPLICATION**  
Abrasive blast cleaning, paint spraying with a pneumatic drive, gunning, and construction and road works using pneumatic tools.

ACP/ACE aftercoolers of compressed air remove condensate and oil from the air stream during abrasive blast cleaning. Condensate and oils in the abrasive blast cleaning system lead to the caking of abrasive material and potential blocking of the metering valves, hoses and nozzles. Dry and cleaned compressed air prevents caking of abrasive material, increases performance and reduces maintenance costs. ACP/ACE coolers of compressed air are an efficient means of removing up to 95% of condensate and oil which are commonly present in compressed air. Dry air prevents moist abrasive material, which would lead to increased wear, downtime and extra servicing.

The ACP aftercooler



is fitted with a pressure controller for controlling the air flow of the fan, and a filter and a lubricator to ensure the long service life of the pneumatic drive.

The ACE aftercooler



is fitted with a contactor starter with dampproof and dust-proof casing.

ACP/ACE aftercooler



are fitted with an efficient cyclone separator capable of eliminating up to 95% of condensed moisture from compressed air.

## Designed for operation

With any brand of portable and stationary screw compressor unit. Compressed air flowing from a diesel compressor has a high temperature of approximately 90°C. At such a temperature, compressed air contains a large amount of moisture in the form of steam vapour. If an aftercooler and cyclone condensate separator are not used, compressed air can add up to 21.5 litres of water per hour into the system with a compressor operating at 5.7 m<sup>3</sup>/min capacity and a pressure of 7 bar. ACP/ACE aftercoolers of compressed air cool compressed air to a temperature 3° C - 10° C higher than the ambient temperature. Once the air is cooled, vapour moisture condenses and up to 95% of condensed moisture may be eliminated from the system.

## Functional characteristics

- portable design
- pneumatic or electric drive
- efficient cyclone separator
- distributing header to three or four ball valves
- pressure controller / filter / lubricator (ACP)
- contactor starter in sealed casing (ACE)
- inflated wheels

Technical data	ACE-1	ACE-2	ACE-3	ACP-1	ACP-2	ACP-3
Maximum working pressure, bar	12					
Capacity, m <sup>3</sup> /min	8	14	20	8	14	20
Voltage, V	380~ /50 Hz			-	-	-
Power, kW	0,3	0,9	0,7	-	-	-
Pressure of air motor min/max, bar	-			2 / 6		
Consumption of compressed air with min/max pressure of air motor, m <sup>3</sup> /min	-			0,6 / 1,4		
Thread connection, inlet	1½"	2"	3"	1½"	2"	3"
Thread connection, outlet	1x¾" 1x1" 1x1¼"	1x¾" 1x1¼" 1x1½"	1x¾" 1x1¼" 2x1½"	1x¾" 1x1" 1x1¼"	1x¾" 1x1¼" 1x1½"	1x¾" 1x1¼" 2x1½"

Order code	Model	Description
14390001	ACP-1	Compressed air aftercooler, capacity 8 m <sup>3</sup> /min, pneumatic drive
14390002	ACP-2	Compressed air aftercooler, capacity 14 m <sup>3</sup> /min, pneumatic drive
14390003	ACP-3	Compressed air aftercooler, capacity 20 m <sup>3</sup> /min, pneumatic drive
14390011	ACE-1	Compressed air aftercooler, capacity 8 m <sup>3</sup> /min, electric drive
14390012	ACE-2	Compressed air aftercooler, capacity 14 m <sup>3</sup> /min, electric drive
14390013	ACE-3	Compressed air aftercooler, capacity 20 m <sup>3</sup> /min, electric drive

## Portable High Volume Coalescent Filters CK

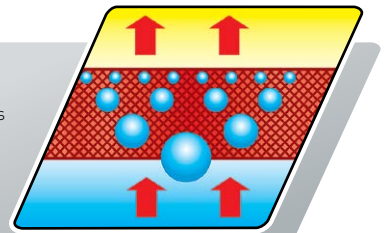


**APPLICATION**  
Designed for use with portable compressors in conjunction with a conventional particulate air filter CAF-3 installed at the blast machine inlet.

Portable high volume coalescent filters CK-50/150/250 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.

### Coalescence element

Portable 50/150/250-litre capacity high volume coalescent filter CK removes water from compressed air supply for multiple blast machines. As moist air enters the CK, 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.



### Standard delivery

50/150/250 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.

Technical data	CK-50	CK-150	CK-250
Maximum working pressure, bar	12		
Capacity, m <sup>3</sup> /min	20	30	45
Vessel volume, Litre	50	150	250
Thread connection, inlet	1½"	2"	2x1½"
Thread connection, outlet	1½"	2"	2x1½"

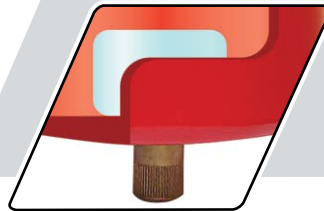
Order code	Model	Description
13150100	CK-50	Portable high volume coalescent filter, capacity 20 m <sup>3</sup> /min
13150150	CK-150	Portable high volume coalescent filter, capacity 30 m <sup>3</sup> /min
13150250	CK-250	Portable high volume coalescent filter, capacity 45 m <sup>3</sup> /min



## Centrifugal Separators 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.

### Automatic Condensate Drain



Aerodynamically designed vortex generator vanes for greater efficiency.

### APPLICATION

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.

### Vortex Generator-Vane



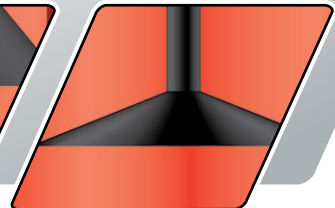
Aerodynamically designed vortex generator vanes for greater efficiency.

### 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.

## Standard delivery

Robust aluminium housing. Efficient automatic drain.

Technical data	CS-2	CS-3	CS-4	CS-5
Max. working pressure, bar	12			
Capacity, m <sup>3</sup> /min	5,5	9,0	12,5	24,0
Air connection size	1"	1¼"	1½"	2"

Order code	Model	Description
11011	CS-2	Centrifugal separator 1" BSP
11012	CS-3	Centrifugal separator 1¼" BSP
11013	CS-4	Centrifugal separator 1½" BSP
11014	CS-5	Centrifugal separator 2" BSP



## Hoses For Compressed Air



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).

Special build for heavy duty applications such as sandblasting.

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

## Air Couplings, Power Clamps, Fittings



### Quick-release air hose connection, for hose I.D. $\leq 1"$ (25mm)

For quick-release air hose connection to the compressor's quick-release couplings.

View	Order code	Description
	50017	Compressed air coupling, for hose I.D. = 3/8" (10mm)
	50018	Compressed air coupling, for hose I.D. = 1/2" (13mm)
	50019	Compressed air coupling, for hose I.D. = 3/4" (19mm)
	50020	Compressed air coupling, for hose I.D. = 1" (25mm)

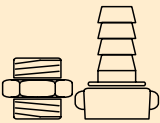
### Male thread stem, for hose I.D. $\geq 1.1/4"$

For fixed air hose connection to the compressor's output ball valves.

View	Order code	Description
	50024	Male thread stem 1.1/4" for hose ID=32mm, for hose I.D. = 1.1/4" (32mm)
	50025	Male thread stem 1.1/2" for hose ID=38mm, for hose I.D. = 1.1/2" (38mm)
	50026	Male thread stem 2" for hose ID=53mm, for hose I.D. = 2" (50mm)

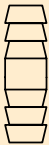
## Quick-release connecting set, for hose I.D. $\geq$ 1.1/4"

For quick-release air hose connection to the compressor's output ball valves.

View	Order code	Description
	<b>Quick-release connecting set 1.1/4"</b>	
	50027	Connecting nipple 1.1/4" x RD 46 x 1/6", for ball valve internal thread 1.1/4"
	50021	Connecting stem 1.1/4" x wing nut RD 46 x 1/6", for hose I.D. = 1.1/4" (32mm)
	<b>Quick-release connecting set 1.1/2"</b>	
	50028	Connecting nipple 1.1/2" x RD 55 x 1/6", for ball valve internal thread 1.1/2"
	50022	Connecting stem 1.1/2" x wing nut RD 55 x 1/6", for hose I.D. = 1.1/2" (38mm)
	<b>Quick-release connecting set 2"</b>	
	50029	Connecting nipple 2" x RD 75 x 1/6", for ball valve internal thread 2"
	50023	Connecting stem 2" x wing nut RD 75 x 1/6", for hose I.D. = 2" (50mm)

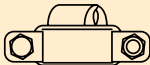
## Hose mender

For connecting two hoses with the same diameter or repairing a damaged hose.

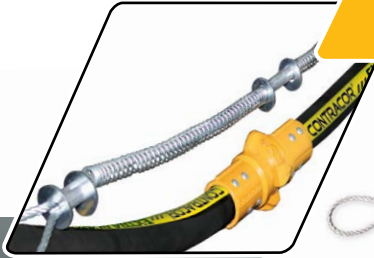
View	Order code	Description
	50030	Hose mender, for hose I.D. = 1/2" (13mm)
	50031	Hose mender, for hose I.D. = 3/4" (19mm)
	50032	Hose mender, for hose I.D. = 1" (25mm)
	50033	Hose mender, for hose I.D. = 1.1/4" (32mm)
	50034	Hose mender, for hose I.D. = 1.1/2" (38mm)
	50035	Hose mender, for hose I.D. = 2" (50mm)

## Heavy duty double bolt clamps

For ensuring a tight seal and preventing leaks.

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

## Hose Safety Cables



Corrosion resistant steel cables with plated springs and aluminium ferrules



### 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.

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.

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.



**MEASUREMENT EQUIPMENT**

[www.est.sk](http://www.est.sk)

## 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.

### 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.

Order code	Model	Description
70510	SRC-GRIT	Surface Roughness Comparator, GRIT
70500	SRC-SHOT	Surface Roughness Comparator, SHOT



## **Contracor GmbH**

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