

BARRACUDA™ Self-Rotating Nozzle

Model BC-K
2 to 20 Kpsi
4 to 13 gpm

Patent 5,909,848



*BC-K Centrifugal Braking Swivel
Integral Rotating Head
Dump Gun by others
AP4 Nozzle Tips*

Put real power in your hand-held waterblasting gun, with rotation speed control, excellent quality jets and no-leak seal. The **Barracuda** has been the pros' choice since 1999. Choose between 2-jet or 4-jet models. All are rated at 20 Kpsi, with adaptors for use on lower pressure guns with pipe threads.



Quality and power is less expensive in the long run

Powerful jets, rotate for effective coverage

Specifications

Model	MAWP	Flow Max.	Flow Rating	Length	Diameter	Inlet	Adaptors											
BC-K	20 Kpsi 1380 bar	15 gpm 57 lpm	0.43 Cv	7.8 in. 20 cm	1.8 in. 4.6 cm	9/16 MP	3/8, 1/2 npt											
BC-K Jetting - Flow in gpm																		
Press.		Nozzle ID, in.																
Kpsi	.018	.020	.022	.024	.026	.029	.032	.035	.038	.042	.047	.052	.057	.063	.069	.075		
2	2-Jet - Model BC-K-P4										8.4	9.7	10.8					
3	Use AP4 Nozzle, pg. 47										6.2	7.5	8.8	10.3	11.8			
4											5.8	7.2	8.7	10.1	11.9	13.7		
5											6.5	8.1	9.7	11.3	13.3			
10											5.5	6.5	7.6	9.2	11.4			
15											4.4	5.5	6.7	8.0	9.4			
20											4.4	5.1	6.4	7.7				
2	4-Jet - Model BC-K-P2										7.7	9.2	10.6					
3	Use AP2 Nozzle, pg. 47										5.8	6.9	7.9	9.4	11.2			
4											5.6	6.7	7.9	9.2	10.9	13.0		
5											5.1	6.3	7.5	8.9	10.3	12.1		
10											5.2	6.1	7.2	8.8	10.6			
15	4.3	5.2	6.3	7.5	8.8													
20	4.9	6.1	7.3															

- Replacable nozzle tips
- Rotation speed control
1000 to 2000 rpm
- Recommended use
2-Jet - Thick deposits
4-Jet - Thin, hard coatings
- 3-Minute high pressure
seal replacement
- Proven durability and
performance since 1999
- Maintenance kits and
supplies page 51



AF 065-M9P6, P8 Adaptors

Adaptors available to connect the **BC-K** to 3/8 or 1/2 npt guns.

Surface prep to white metal NACE No. 5/SSPC-SP12 standard

Tired of maintaining powered rotary guns? Save money and improve productivity with the **Barracuda BC-UH** self-rotating 40 Kpsi gun nozzle. Ultra-high pressure waterjetting has become the standard method of coating removal because of its economy and environmental advantages.

Model BC-UH
20 to 40 Kpsi
3.5 to 7 gpm



*BC-UH Centrifugal
Braking Swivel
Integral Rotating Head
OS7 Sapphire Nozzle Tips*

- Replacable sapphire nozzle tips
- Rotation speed control
1000 to 2000 rpm
- Model **BC-UH** - 20 to 40 Kpsi
- Only weighs 3 lb
- Durable stainless steel construction
- Maintenance kits, supplies, page 53

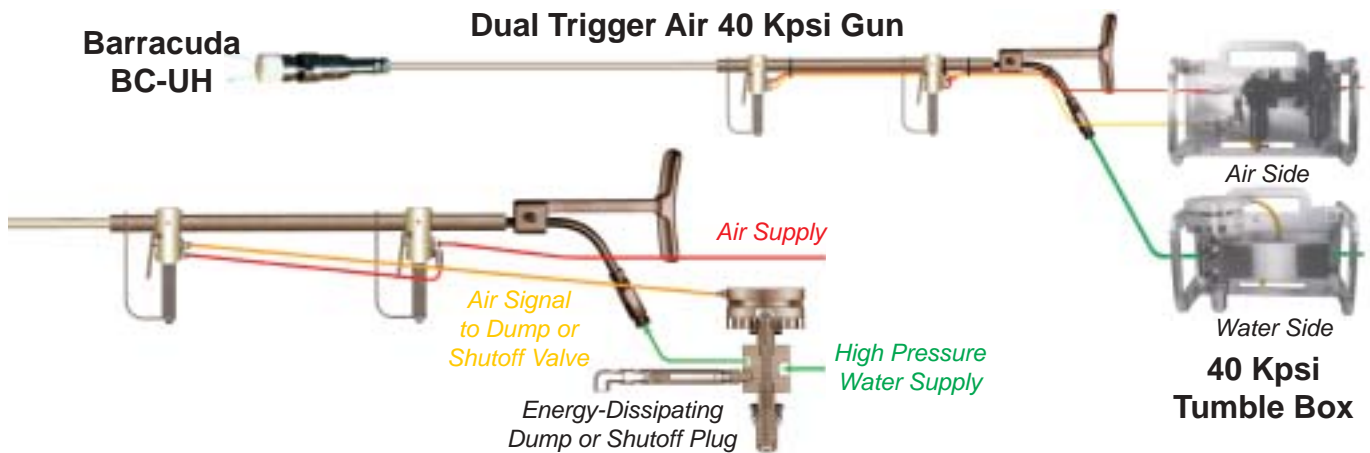
Specifications

Model	MAWP	Flow Max.	Flow Rating	Length	Diameter	Inlet
BC-UH	40 Kpsi 2760 bar	10 gpm 38 lpm	0.43 Cv	7.8 in. 20 cm	1.8 in. 4.6 cm	9/16 HP

BC-UH Jetting - Flow in gpm										
Press.	Nozzle ID, in.									
	.016	.017	.018	.019	.020	.021	.022	.023	.024	
28			4.1	4.5	5.0	5.5	6.0	6.6	7.1	
32		3.9	4.4	4.8	5.4	5.9	6.5			
36	3.6	4.1	4.6	5.1	5.6	6.2				
40	3.8	4.3	4.8	5.4	6.0					

Use OS7 Nozzles, pg. 47

Two BC-UH's - One Pump



If two or more guns are operated on a single pump, provisions must be made to control the sudden change in flow when one is shut off. If dump guns were used, then pressure would be lost to both guns. In that case the operator who doesn't expect loss of pressure will probably fall down due to loss of jet reaction thrust. So different equipment must be used.

The operator must activate both triggers in order to send an air signal to open the valve and send high pressure water to the gun. When either trigger is let go, the valve will respond to loss of air, closing the high pressure water ports to the gun. The tumble box illustrated above is called an "air-operated multi-mode flow control valve" by its manufacturer. It can be operated with an energy dissipating dump or plug for dry shutoff. Dry shutoff mode is recommended for intensifier style pumps, or other designs that provide for handling the excess flow when one gun is shut off. A separate tumble box is required for each gun operated.

Guns and tumble boxes can be found in the catalogue section 'Guns, Foot valves and Accessories'.