

The new Octagon SplitStone product series!

Benefits of hydraulic SplitStone stone splitter to customer:

Work smarter not harder! SplitStone – quicker, safer and more effective!

SplitStone unit is mounted to excavator or crane boom or any other suitable hydraulic boom for secondary splitting and over size boulder breaking, especially in areas where the use of explosives is restricted.

S120 - S200 series is available in different sizes of wedges, 45 – 102 mm (1¾" - 4"). Wedging depth is 400 mm – 1200 mm. (1200 mm with S200)

Recommended connection to excavator is with a ball joint. Hydraulic quick coupling is fast and effortless. This connection enables controlling the SplitStone device with excavator controls and reducing employee time!

SplitStone can also be used with hanging cable or chain connection.

If required, a separate or integrated pressure booster is available too! **The new Octagon has integrated pressure booster with “back boosting” and central greasing with grease tank!**

Note. horizontal splitting is also possible!

S120-150 Octagon (Integrated central lubrication and pressure booster, hanging coupling) **Page 2/9**

The New Octagon S120BCL-45-400





The new Octagon SplitStone S150 model with 51-800 wedge! With two push 400 + 400 mm.



New Octagon S150BCL-51-500



New Octagon S200BCL-89-1200

S200 (Integrated central lubrication, ball joint and wedging depth 600 mm)

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S200 (Integrated central lubrication, ball joint and wedging depth 1200 mm)

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Technical data

S 120 *

Drilling hole	Drilling distance of holes	Min. drilling depth	Splitting deep	Height of wedge**	Weight of wedge***	Recommended pressure in, from actuator	Recommended flow in****	Recommended excavator or crane	Teoretic power of splitting*****
mm/in	(mm)		(mm)	(mm)	(kg)	(bar)	(l/min)	(t)	(t)
45 / 1 3/4"	200-400	800	400	1500-1800	100 - 180	270 - 320	min. 9 max. 13	3+	550-650

S 120BCL Octagon (With pressure booster with “back boosting” and central lubrication)

Drilling hole	Drilling distance of holes	Min. drilling depth	Splitting deep	Height of wedge**	Weight of wedge***	Recommended pressure in, from actuator	Recommended flow in	Recommended excavator or crane	Teoretic power of splitting*****
mm/in	(mm)		(mm)	(mm)	(kg)	(bar)	(l/min)	(t)	(t)
45 / 1 3/4"	300-500	800	400	1700-2000	170 - 250	min. 150	min. 50	3+	740

* Note! Without booster types need flow adjustment valve in actuator!

** Height depend the type of wedge and coupling. This is estimate height of wedge. Height will depend the options like coupling ring, ball coupling, quick coupling etc.

*** Estimate weight of wedge. Weight will depend the options like coupling ring, ball coupling, quick coupling etc.

**** Adjust a flow by actuator or wedge own valves. See the user manual or special instructions.

***** Theoretical power with specific angle of wedge and coefficient on fiction.

Technical data

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S 150 *

Drilling hole	Drilling distance of holes	Min. drilling depth	Splitting deep	Height of wedge**	Weight of wedge***	Recommended pressure in, from actuator	Recommended flow in****	Recommended excavator or crane	Teoretic power of splitting*****
mm/in	(mm)	(mm)	(mm)	(mm)	(kg)	(bar)	(l/min)	(t)	(t)
51 / 2"	300-600	900	500	1800-2100	180 - 270	200 - 320	min. 13 max. 17	3+	580-920
51 / 2"	300-600	1200	800	2200-2500	200 - 290	220 - 320	min. 13 max. 17	5+	640-920
57 / 2 ¼"	300-600	900	500	1800-2100	200 - 290	220 - 320	min. 13 max. 17	3+	640-920
64 / 2 ½"	300-600	1000	600	1900-2200	230 - 320	230 - 320	min. 13 max. 17	5+	670-920
76 / 3"	300-600	1000	600	1900-2200	250 - 340	230 - 320	min. 13 max. 17	5+	670-920

S 150BCL Octagon (With pressure booster with “back boosting” and central lubrication)

Drilling hole	Drilling distance of holes	Min. drilling depth	Splitting deep	Height of wedge**	Weight of wedge***	Recommended pressure in, from actuator	Recommended flow in	Recommended excavator or crane	Teoretic power of splitting*****
mm/in	(mm)	(mm)	(mm)	(mm)	(kg)	(bar)	(l/min)	(t)	(t)
51 / 2"	300-600	900	500	1900-2200	270 - 350	min. 100	min. 50	3+	1300
51 / 2"	300-600	1200	800	2200-2500	280 - 360	min. 100	min. 50	5+	1300
57 / 2 ¼"	300-600	900	500	1900-2200	280 - 360	min. 100	min. 50	3+	1300
64 / 2 ½"	300-600	1000	600	2000-2300	290 - 370	min. 100	min. 50	3+	1300
64 / 2 ½"	300-600	1400	1000	2300-2600	310 - 380	min. 100	min. 50	5+	1300
76 / 3"	300-600	1000	600	1900-2200	250 - 340	min. 100	min. 50	5+	1300
76 / 3"	300-600	1400	1000	2300-2600	310 - 380	min. 100	min. 50	5+	1300

* Note! Without booster types need flow adjustment valve in actuator!

** Height depend the type of wedge and coupling. This is estimate height of wedge. Height will depend the options like coupling ring, ball coupling, quick coupling etc.

*** Estimate weight of wedge. Weight will depend the options like coupling ring, ball coupling, quick coupling etc.

**** Adjust a flow by actuator or wedge own valves. See the user manual or special instructions.

***** Theoretical power with specific angle of wedge and coefficient on fiction.

Technical data

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S 200 *

Drilling hole	Drilling distance of holes	Min. drilling depth	Splitting deep	Height of wedge**	Weight of wedge***	Recommended pressure in, from actuator	Recommended flow in****	Recommended excavator or crane	Teoretic power of splitting*****
mm/in	(mm)	(mm)	(mm)	(mm)	(kg)	(bar)	(l/min)	(t)	(t)
76 / 3"	400-700	1100	600	2000-2400	400 - 500	200 - 250	min. 23 max. 35	8+	1000-1300
89 / 3 ½"	400-600	1100	600	2000-2400	420 - 520	200 - 250	min. 23 max. 35	8+	1000-1300
89 / 3 ½"	400-600	1800	1200	2500-2900	320 - 580	240 - 260	min. 23 max. 35	10+	1200-1400
102 / 4"	400-600	2000	1500	2800-3200	360 - 620	270 - 300	min. 23 max. 35	12 +	1200-1400

S 200BCL Octagon (With pressure booster with "back boosting and central lubrication)

Drilling hole	Drilling distance of holes	Min. drilling depth	Splitting deep	Height of wedge**	Weight of wedge***	Recommended pressure in, from actuator	Recommended flow in****	Recommended excavator or crane	Teoretic power of splitting*****
mm/in	(mm)	(mm)	(mm)	(mm)	(kg)	(bar)	(l/min)	(t)	(t)
76 / 3"	400-700	1100	600	2100-2500	420 - 520	min. 100	min. 23	8+	2300
89 / 3 ½"	400-700	1100	600	2100-2500	560 - 640	min. 100	min. 50	8+	2300
89 / 3 ½"	400-700	1800	1200	2700-3100	620 - 700	min. 150	min. 50	10+	2300
102 / 4"	400-600	2000	1500	3000-3400	670 - 750	min. 150	min. 50	12+	2300

* Note! Need flow and pressure adjustment valve in actuator!

** Height depend the type of wedge and coupling. This is estimate height of wedge. Height will depend the options like coupling ring, ball coupling, quick coupling etc.

*** Estimate weight of wedge. Weight will depend the options like coupling ring, ball coupling, quick coupling, central lubrication etc.

**** Adjust a flow by actuator or wedge own valves. See the user manual or special instructions.

***** Theoretical power with specific angle of wedge and coefficient on fiction.