

DEMOLITION EQUIPMENT



MS
MULTISYSTEM

MS MULTISYSTEM



VERSATILITY AND STRENGTH IN A SINGLE MACHINE

You have many jobs in various applications and using multiple attachments can be costly. The MS Multisystem is the most versatile attachment in BTI's demolition product line. When fitted with the correct jaw set, it can be used for almost any demolition job, from concrete crushing and recycling to the dismantling of metal structures and tanks. Our forged-rod cylinders and heat treated pins provide exceptional strength and reliability, giving you the highest-quality attachment available today.



FEATURES



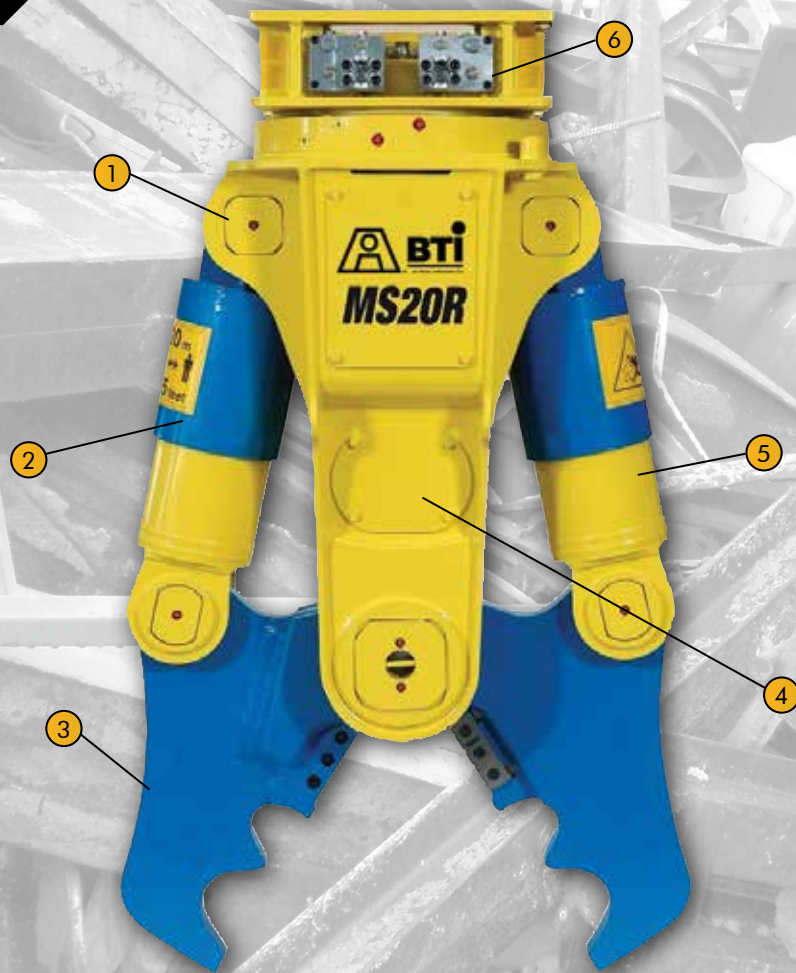
REC
RAIL CUTTER JAW SET



CC
COMBI CUTTER JAW SET



CP
PULVERIZER JAW SET



① EXCEPTIONAL WEAR RESISTANCE

Special heat-treated pins and bushings offer excellent wear resistance.

② MAXIMUM RELIABILITY

Forged rod, without any welding, assures you're getting the highest quality machine available today. Reversed cylinders and protection save the rod from external shocks during demolition.

③ INTERCHANGEABLE JAWS KITS

Choose the jaw kit that best suits your job. To facilitate the jaw replacement, a specialized bushing system keeps the two parts together.

④ FASTER CYCLE TIMES

Cylinders open and close quickly, guaranteed by the presence of a speed valve, which ensures high productivity.

⑤ HIGH POWER

Two powerful cylinders give this attachment enormous force to the tips.

⑥ ACCURATE POSITIONING

Hydraulic rotation keeps the attachment's position accurate in any working application. The double-row thrust bearing ensures safety.



CR
CRUSHER JAW SET



PSH
PLATE SHEAR JAW SET



SH
SHEAR JAW SET

DATA

General Specifications	Units	MS15R	MS20R	MS30R	MS40R	MS60R	MS130R
Weight of Unit* with: Crusher Jaw Set	lb	3,638	4,960	6,063	10,031	14,330	30,865
	kg	1650	2250	2750	4550	6500	14000
Pulverizer Jaw Set	lb	3,748	5,071	6,393	10,251	15,432	-
	kg	1700	2300	2900	4650	7000	
Shear Jaw Set	lb	3,748	4,960	6,283	10,031	14,550	30,865
	kg	1700	2250	2850	4550	6600	14000
Combi Cutter Jaw Set	lb	3,748	5,071	6,393	10,362	14,550	-
	kg	1700	2300	2900	4700	6600	
Plate Shear Jaw Set	lb	-	4,740	5,842	9,480	13,228	-
	kg		2150	2650	4300	6000	
Rail Cutter Jaw Set	lb	-	-	6,834	-	-	-
	kg			3100			
Working Pressure Range	psi bar	4,641 - 5,076 320 - 350	4,641 - 5,076 320 - 350	4,641 - 5,076 320 - 350	4,641 - 5,076 320 - 350	4,641 - 5,076 320 - 350	4,641 - 5,076 320 - 350
Oil Flow Required	gpm l/min	34 - 40 130 - 150	40 - 53 150 - 200	53 - 66 200 - 250	66 - 79 250 - 300	74 - 85 280 - 320	159 - 212 600 - 800
Open Time	second	6.6	2.6	2.4	4.2	6.6	9.96
Close Time	second	5.3	2.5	2.9	4.3	5.3	3.82
Cycles/min at Maximum Oil Flow	cycle	12	11.8	11.1	7.1	5	4.4
Cylinder Output Force	lb tonne	242,508 110	242,508 110	319,670 145	473,993 215	544,541 247	873,030 396
Recommended Carrier Weight - 2nd member	lb tonne	22,050 - 33,100 10 - 15	26,400 - 39,700 12 - 18	33,000 - 52,950 15 - 24	52,900 - 66,150 24 - 30	66,150 - 110,250 30 - 50	176,300 - 246,600 80 - 120
Recommended Carrier Weight - 3rd member	lb tonne	33,050 - 46,800 15 - 21	39,600 - 55,150 18 - 25	55,100 - 77,150 25 - 35	77,150 - 110,250 35 - 50	110,250 - 165,350 50 - 75	264,500 - 352,800 120 - 160

* Tensile strength Rm – 53,000 psi
All dimensions and specifications are approximate and subject to change without notice.

General Specifications	Units	MS15R	MS20R	MS30R	MS40R	MS60R	MS130R
Maximum Opening (A)	Crusher Jaw Set	in / mm	29.5 / 750	32.3 / 820	35.4 / 900	47.2 / 1200	98.4 / 2500
	Pulverizer Jaw Set	in / mm	25.6 / 650	28.7 / 730	34.4 / 875	37.4 / 950	49.2 / 1250
	Shear Jaw Set	in / mm	13.0 / 330	17.5 / 445	19.1 / 485	24.4 / 620	34.4 / 875
	Combi Cutter Jaw Set	in / mm	27.6 / 700	27.6 / 700	32.5 / 825	42.3 / 1075	54.5 / 1385
	Plate Shear Jaw Set	in / mm	-	8.9 / 225	8.9 / 225	11.2 / 285	15.7 / 400
	Rail Cutter Jaw Set	in / mm	-	-	9.6 / 245	-	-
Jaw Depth (B)	Crusher Jaw Set	in / mm	26.6 / 675	26 / 660	30.9 / 785	40 / 1015	45.7 / 1160
	Pulverizer Jaw Set	in / mm	23.6 / 600	24.4 / 620	30.7 / 780	33.5 / 850	35.6 / 905
	Shear Jaw Set	in / mm	18.7 / 475	18.9 / 480	20.1 / 510	27 / 685	31.1 / 790
	Combi Cutter Jaw Set	in / mm	25.6 / 650	26.4 / 670	33.1 / 840	40.6 / 1030	44.1 / 1120
	Plate Shear Jaw Set	in / mm	-	14.8 / 375	14.8 / 375	18.3 / 465	28.7 / 730
	Rail Cutter Jaw Set	in / mm	-	-	-	-	-
Height (C)	Crusher Jaw Set	in / mm	73.2 / 1860	81.1 / 2060	88.2 / 2240	119.9 / 3045	128.1 / 3255
	Pulverizer Jaw Set	in / mm	72.0 / 1830	79.5 / 2020	89 / 2260	116.1 / 2950	121.9 / 3095
	Shear Jaw Set	in / mm	70.9 / 1800	78.3 / 1990	81.5 / 2070	112 / 2845	124.6 / 3165
	Combi Cutter Jaw Set	in / mm	73.2 / 1860	82.7 / 2100	87.4 / 2220	120.9 / 3070	132.1 / 3355
	Plate Shear Jaw Set	in / mm	-	82.1 / 2085	85 / 2160	106.5 / 2705	121.7 / 3090
	Rail Cutter Jaw Set	in / mm	-	-	68.9 / 1750	-	-
Cutting Table (Shear Jaw Set)	Rod	in / mm	1.8 / 45	2.2 / 55	2.4 / 60	3.1 / 80	3.5 / 90
	Tube	in / mm	-	n/a	n/a	n/a	n/a
		in / mm	7.9 / 200	9.8 / 250	13 / 330	17.7 / 450	19.7 / 500
	HEA	in / mm	5.5 / 140	6.3 / 160	7.9 / 200	12.6 / 320	12.6 / 320
	Plate	in / mm	0.4 / 10	0.5 / 12	0.6 / 14	0.7 / 18	0.8 / 20
	L Profile	in mm	N/A	n/a	n/a	5.9 x 0.7 150 x 18	7.9 x 0.9 200 x 24
		in mm	N/A	n/a	n/a	2.0 x 5.9 x 5.9 50 x 150 x 150	n/a
	Rail	in mm	N/A	n/a	n/a	n/a	standard

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