

METAL SHEARS

BMS 100 · BMS 140 · BMS 250-H

Our wide range of metal shears allows you to cut steel of varying sizes, and are especially popular in recycling applications. The metal shears are ideal for quick and efficient cutting of pipes, bars, beams and other structures.



BMS 100

- Replaceable cutting and breaking tips
- Demolition of contaminated structures in chemical and nuclear plants
- Rotator with continuous rotation

	BMS 100 Brokk 200*, 300*		BMS 140 Brokk 500*, 520D		BMS 250-H Brokk 900		
Length*	1600 mm	63 in	2156 mm	84.9 in	2615 mm	103 in	
Width**	236 mm	9.3 in	380 mm	15 in	550 mm	21.6 in	
Height*	530 mm	20.9 in	645 mm	25.4 in	875 mm	34.4 in	
Jaw opening	175 mm	6.9 in	270 mm	10.6 in	355 mm	14 in	
Cutting depth, approx.	200 mm	7.9 in	290 mm	11.4 in	395 mm	15.6 in	
Weight	380 kg	838 lbs	645 kg	1422 lbs	1360 kg	2998 lbs	
Connection pressure, min	200 bar	2901 psi	250 bar	2626 psi	250 bar	3626 psi	
Connection pressure, max	250 bar	3626 psi	300 bar	4351 psi	300 bar	4351 psi	
Oil flow	60-100 l/min	15.9-26.4 gal/ min	90-120 l/min	23.8-31.7 gal/ min	90-110 l/min	23.8-29.1 gal/ min	
Cutting force	524 kN/66 †	118 x 10³ lbf	700 kN/88 †	157 x 10³ lbf	1018 kN/138 †	229 x 10³ lbf	
Time to open, approx.	1.8 sec		1.9 sec		3 sec		
Time to close, approx.	2.4 sec		3.5 sec		2.4 sec		
Cutting capacity	Solid round	30 mm	1.2 in	40 mm	1.6 in	55 mm	2.2 in
	Pipe Ø	114x4 mm	4.5x0.15 in	127x6 mm	5x0.2 in	178x6 mm	7x0.2 in
	Plate	6 mm	0.2 in	8 mm	0.3 in	12 mm	0.5 in
	I beam	IPE120		IPE200		IPE240	
	HEA beam	HEA100		HEA120		HEA200	
	HEB beam	-		HEB80		HEB120	
	Angle bar	L 120x8 mm	L 4.7x0.3 in	L160x02 mm	L 6.3x0.4 in	L140x12 mm	L 5.5x0.5 in

Requires one extra hydraulic function.

*With mounting plate

**With fully opened jaw