

# 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

	<b>BMS 100</b> Brokk 200, 300		<b>BMS 140</b> Brokk 500, 520D		<b>BMS 250-H</b> Brokk 900		
<b>Length*</b>	1600 mm	63 in	2156 mm	84.9 in	2615 mm	103 in	
<b>Width**</b>	236 mm	9.3 in	380 mm	15 in	550 mm	21.6 in	
<b>Height*</b>	530 mm	20.9 in	645 mm	25.4 in	875 mm	34.4 in	
<b>Jaw opening</b>	175 mm	6.9 in	270 mm	10.6 in	355 mm	14 in	
<b>Cutting depth, approx.</b>	200 mm	7.9 in	290 mm	11.4 in	395 mm	15.6 in	
<b>Weight</b>	380 kg	838 lbs	645 kg	1422 lbs	1360 kg	2998 lbs	
<b>Connection pressure, min</b>	200 bar	2901 psi	250 bar	2626 psi	250 bar	3626 psi	
<b>Connection pressure, max</b>	250 bar	3626 psi	300 bar	4351 psi	300 bar	4351 psi	
<b>Oil flow</b>	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	
<b>Cutting force</b>	524 kN/66 t	118 x 10 <sup>3</sup> lbf	700 kN/88 t	157 x 10 <sup>3</sup> lbf	1018 kN/138 t	229 x 10 <sup>3</sup> lbf	
<b>Time to open, approx.</b>	1.8 sec		1.9 sec		3 sec		
<b>Time to close, approx.</b>	2.4 sec		3.5 sec		2.4 sec		
<b>Cutting capacity</b>	<b>Solid round</b>	30 mm	1.2 in	40 mm	1.6 in	55 mm	2.2 in
	<b>Pipe Ø</b>	114x4 mm	4.5x0.15 in	127x6 mm	5x0.2 in	178x6 mm	7x0.2 in
	<b>Plate</b>	6 mm	0.2 in	8 mm	0.3 in	12 mm	0.5 in
	<b>I beam</b>	IPE120		IPE200		IPE240	
	<b>HEA beam</b>	HEA100		HEA120		HEA200	
	<b>HEB beam</b>	-		HEB80		HEB120	
	<b>Angle bar</b>	L 120x8 mm	L 4.7x0.3 in	L160x02 mm	L 6.3x0.4 in	L140x12 mm	L 5.5x0.5 in

\*With mounting plate

\*\*With fully opened jaw