STEEL PROCESSING SERVICES

BRAKE PRESSING

With state-of-the-art technology, Rollco delivers repeatable accuracy and reliability in our brake pressing services, ensuring cost-effective solutions.

With cutting-edge equipment and expert craftsmanship, we deliver high-quality, bespoke steel components tailored to client needs. Our streamlined supply chain guarantees swift turnaround times, and we consistently meet our commitments.

Our comprehensive tooling inventory enables us to efficiently to accommodate a wide range of requirements, from straightforward bends to intricate shapes. This versatility accelerates setup and minimises adjustments, streamlining the bending process.

PROCESS

Press braking is a steel forming process used to accurately bend flat steel sheets or plates into precise angles and shapes. Steel press braking is widely used in industries like construction, manufacturing, automotive, heavy industry, and architecture.

CAPACITY

Our CNC machines boast a 550 tonne capacity, a six-metre bed, and a maximum capacity of 300 tonnes per metre. With a range of tooling options available, we can accommodate diverse project needs.

BRAKE PRESS CAPABILITY

The table below, based on 250-grade mild steel, showcases our capabilities and serves as a guide. Actual results may vary depending on the specific material and bend radii requirements.

Material Thickness	Min. Inside Radius	Min. Outside Leg	Plate Length					
			1000	2000	3000	4000	5000	6000
1.6mm	2.5	15						
3mm	3.2	17						
	5.7	25						
6mm	9.6	42						
8mm	9.6	49						
10mm	12.5	62						
	16.0	74						
12mm	12.5	66						
	16.5	78						
	22.0	98						
16mm	22.0	106						
20mm	35.0	170						
25mm	38.0	190						
	44.0	206						
	47.0	215						

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