

PRESS BRAKE

Process

Press Brake machines are a common and economical means of forming plate into various shapes. Our machines are fitted with the latest technology ensuring repeatability and accuracy is assured.

Capacity

Our CNC machines have a capacity of 550 tonnes, with a six meter bed, and a maximum capacity of 300 tonnes per meter.

Various tooling is available to ensure most requirements are accommodated.

The following table, which is based on 250 grade mild steel, is an indication of our capability, and may vary dependant on material and bend radii required.

PRESS BRAKE CAPACITY

Material Thickness	Minimum inside radius	Minimum outside leg	Plate length					
			1000	2000	3000	4000	5000	6000
1.6 mm	2.5	15						
3 mm	3.2	17						
	5.7	25						
6 mm	9.6	42						
8 mm	9.6	49						
10 mm	12.5	62						
	16	74						
12 mm	12.5	66						
	16.5	78						
	22	98						
16 mm	22	106						
20 mm	35	170						
25 mm	38	190						
	44	206						
	47	215						