



MACHINING



At J C Smale we are able to cater for all your machining needs. With a substantial range of machine shop equipment, experienced qualified operators and processes accredited to ISO9001:2008.

We are happy to quote on your repetition work or one-off machining jobs.

Capabilities

CNC LATHE	880 max turning diameter	 <p>CNC Turning</p>
	1960 max turning length	
CNC MACHING CENTRE	table size 6000 x 2050	
	x-axis travel 6200	
	y-axis travel 3000	
NC MILLING MACHINE	z-axis travel 1020	
	table size 550 x 2200	
	x-axis travel 1600	
	y-axis travel 700	
CENTRE LATHES	z-axis travel 700	
	1080 swing, 6000 between centres, 700 swing over saddle	
	700 swing, 2800 between centres, 450 swing over saddle	
	450 swing, 3000 between centres, 340 swing over saddle, gap bed	
VERTICAL BORING	450 swing, 2000 between centres, 350 swing over saddle, gap bed	 <p>Milling</p>
	2134 max diameter	
	1240 max height	



Vertical Boring



CNC MACHINING CENTRE



Centre Lathes



FABRICATION



J C SMALE
DESIGN & MANUFACTURING ENGINEERS

At J C Smale your fabrication needs are satisfied through our substantial and well equipped fabrication workshop. Our skilled and experienced staff have many years of experience in making all types of equipment and machinery.

With skills in many industries, production runs and projects, we can fabricate complicated stainless steel items for the mining industry through to the most basic formwork for construction.

Capabilities	
FABRICATION STANDARD	AS1554 & International Stds
WELDING	MIG up to 800amp
	TIG up to 350 amp
PLATE ROLLING	As required
GUILLOTINE	4000 x 12
	1000 x 16
COLD SAWS and BAND SAW	up to 450Ø
OVERHEAD CRANES	8 x cranes
	Up to 12 tonne
LIFTING	Up to 23 tonne
WORKSHOP SIZE	Over 2650m ²



Special Projects



Heavy Fabrication



Production runs



Fabrication Workshop

