

**E. S. WALKER
MANUFACTURING**

since 1973



Hot Close Bend

**ROLLING, BENDING
FORMING, FABRICATION
MACHINING, HEAT TREATMENT**

TUBE, PIPE BENDING VARIOUS SECTIONS

in Stainless Steel, Aluminium, Brass, Copper and other alloys

AS-1228 complied with when required

CNC MANDREL BENDING

MANDREL BENDING

BOOSTER BENDING

INDUCTION BENDING

COMPRESSION BENDING

EMPTY BENDING

PRESS BENDING

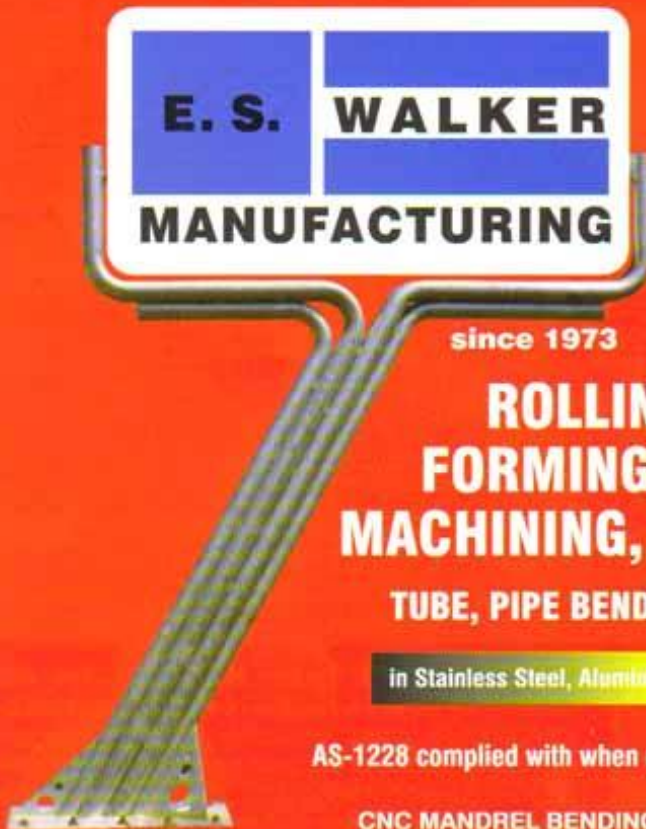
HOT CLOSE BENDING

ROLLING

END FORMING

SWAGING

EXPANDING



Stainless Steel Coil



Induction



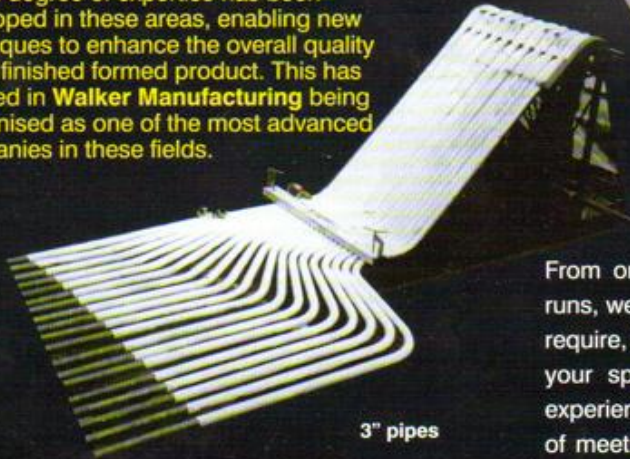
Mandrel



Swaging

Tube & Pipe Bending and Fabrication

Walker Manufacturing has been involved since 1973, in the bending, forming, fabrication and machining of different sections and materials. During this period, a high degree of expertise has been developed in these areas, enabling new techniques to enhance the overall quality of the finished formed product. This has resulted in **Walker Manufacturing** being recognised as one of the most advanced companies in these fields.



3" pipes



38.1Ø on 38.1CL radius bend
Tig welder

From one-off prototypes to long production runs, we have the ability to produce what you require, when you require it. Call or Fax us with your specific requirements, so one of our experienced staff can advise the best method of meeting your objectives.



CNC Mandrel Tube Bending, The CNC bending equipment is capable of manipulating tube and pipe accurately and repeatably from small to large quantity runs. One of the great benefits being your jobs program is kept on file in the machine so your next order is exactly the same as previously supplied.

Walker Manufacturing has the experience and equipment to fulfill all your bending requirements.



When it comes to bending, Walker Manufacturing is synonymous with versatility in meeting clients needs. Their Mandrel Bending machines have a capacity up to 200NB. A vast array of tooling is available for different size and radius bends. 1D bends are a particular area of specialty. Some machines are booster benders which reduce the thinning characteristics of the outer wall of bends, producing a bend which gives a longer life in service.



200 mm Mandrel Bender
bending 114 Ø x 2 mm stainless steel

Walker Manufacturing's Induction Bender has a capacity of 350NB Ø or 250 mm square, capable of bending different sections or radii from 3D to an infinite radius. This process heats a small ring of material, moves the material forward and quenches it before the heat travels along the material. A high quality bend results.



250 x 250 x 9 RHS



Induction
350 Nominal Bend

Rolling and Spiralling of tube is done on ring rolling machines. Walker Manufacturing has the capacity to roll rings on any thing from chair bases, roofing trusses, heating elements to spiral staircase handrails. They have also developed techniques to accurately guage the pitch and diameter of the spiral.



GENERAL Fabrication

Fabrication & Welding from high quality Tig, stick welding to Mig, silver solder and brazing. Fabrication from airport trolleys, shopfittings, structural steelwork or high performance exhausts. All work is undertaken by Walker Manufacturing's skilled tradesmen and their automated welding equipment, where appropriate.



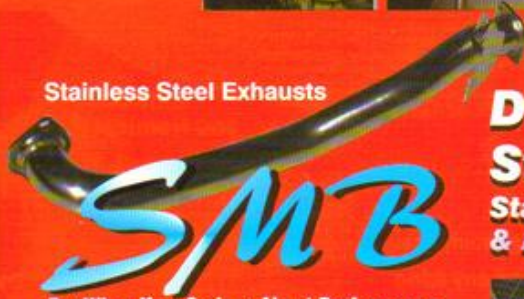
Robot welder

High Pressure
Natural Gas
Lines



Viewing Structure for Russian Space Shuttle

Stainless Steel Exhausts



For When Your Serious About Performance

DECORATIVE
Steel Mild Steel
Stainless Steel
& Aluminium



SIGN FRAMES



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Walker Manufacturing can advise you in the best method to achieve your design requirements. We then with the help of computer aided drafting and skilled tradesmen, have the capability to bend, fabricate and arrange for finishing to your requirements, with all bending and fabrication done in house, from 1 off jobs to large quantity production runs.

www.walker-manufacturing.com.au



Tapering

Swaging, either straight or tapered with the capability to reduce diameter or in most cases the ability to increase diameter, with a vast arrange of tooling. Speak to one of our staff today regarding your requirements.

Band saw, apart from their fully automatic horizontal band saws used for production cutting, Walker Manufacturing also has a selection of vertical band saws for applications requiring special angled cuts

Vertical Bandsaw 500mm Throat.



Walker Manufacturing has its own inhouse machine shop and toolroom for general machining jobs. Specialised or specific radius tooling can also be manufactured when required to meet your specific needs.



CNC Machining Centre, bending die
38.1Ø, 38.1 mm Radius and 76 mm
Wiper die being produced.



CNC Lathe, general turning jobs
Highest quality mandrels and rollers

E. S. WALKER

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Bending, Forming all types of sections, hollows or solids.

