

- Cold Pipe Bending
- Sheet Metal Components
- Aerospace Defence
- Boilers and Pressure Vessels
- Chemical and Fertilizers
- Dairy and Food Processing
- Gas And Coal Gasification



M. K. INDUSTRIES



ABOUT US

MK INDUSTRIES preferred partner for quality & tailor made cold-formed stainless steel pipe fittings & joints for any industrial plant structures. MK industries enjoy most satisfied national and international clientele. It has completed and delivered challenging fabricating works specially for critical areas of Aerospace, defense, Aviation, Nuclear, Petro-Chemical, Dairy & food, Coal & gasification Sectors.

MK industries is an ISO 9001:2008 Certified company established with latest plant and machinery, updated time to time, have fully equipped Research and Development wing and Quality Control

INTERNATIONAL STANDARD

MK cold-formed SS pipe fittings are available under dimensional standards B 16.9, B 16.25, & BS 16.40, DIN 17440, MSS SP43 and others including ASTM, ASME, DIN, JIS, BIS, and SMS. These fittings match all the demands prescribed in these widely accepted standards all over India and abroad.

INSPECTION

MK cold-formed stainless steel pipe fittings are made as per the customers total need and are given to the third party inspection groups such as LRIS, EIL, Bureau Veritas, DIN, DAE, BAX Council, H & G, Power gas, UHDE etc. The products are delivered to any client only when the above third party inspection groups express their entire satisfaction.

MATERIALS

HANDLED MK cold-formed pipe fittings are made of stainless steel of all grades, AUSTINITIC / MARTENSITIC / FERRITIC / MS / CS Aluminum of various grades lxxx to 7xxx, Titanium and Titanium Alloys, Copper, Nickel and Nickel alloys, Inconel alloys of various grades, Hast alloys etc.

SIZES OFFERED

All varieties of pipe fittings Elbows (SR & LR) Bends (R--:1D to 20D & above), Tees, Reducers, Stub ends, Caps are offered in sizes 1/8" (3mm) upto 20" (500mm), NB pipes, Seamless / Welded, thickness 1 mm (schedule 5) upto 25 mm (Schedule 160).

SPECIALITIES

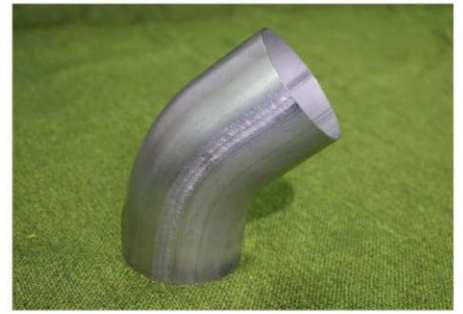
Apart from the above, MK also offers pipe-tube bending of any radius and thickness in metals referred above. Heat exchanger U tube bendings according to TEMA. Pipe and tube Coils as per the customers' size and specification. Press-parts and piping assemblies as per drawings using precision, dimensional and qualitative accuracy conforming to respective standards.

PROCESS

Cold-forming / Bending process for all materials are followed by optional requirements involving Heat Treatments, Radiography, etc.

ABOUT US

Pipe bending and fittings



Range : Pipe Size 1/2"X(12mm) to 48"X(1200mm)



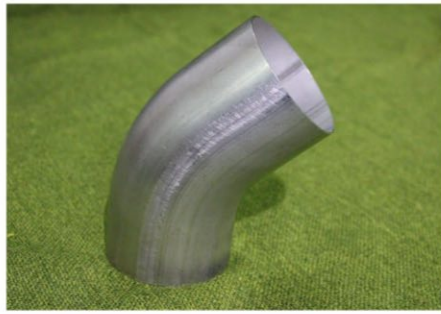
Long Radius Bends Range Pipe Size ½"X(12mm) to 36"X(900mm) Wall Thickness Upto 50mm



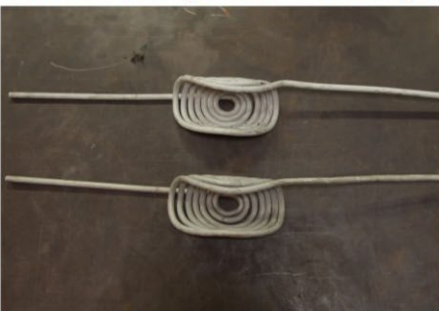
Headers and Manifolds



Pipe Bends , 3d Bends, 'U' Bends Range ¼" X(6mm) to 24" X(600mm) Wall Thickness up to 50mm



Heat Exchangers and Cooling Pipe Coils Range ¼" X(6mm) to 6" X(150mm) Wall Thickness up to 25mm



Aerospace Components



Special Process Sheet Metal Forming and Heat Treatments



Our Facilities

- **Tube/pipe bending range**
3mm OD to 600mm OD, Wall thickness 50mm in various materials in different shapes
- **NC pipe bending**
150mm to 600mm OD. (with very close dimensional accuracy for ovality, thinning, bend profile, flatness).
- **CNC pipe Bending**
CNC 3Dimensional Bending up to 150mm OD.
- **Section bending**
Section size 3mm to 300mm
- **Pipe rolling**
pipe size 3mm to 600mm
- **Sheet metal forming**
Hydraulic Presses 500tonne, 1000tonne, 2000tonne
Sheet metal components size 3000mm x 2000mm x 50 mm wall thick in various material.
Different forming technique used by us is Cold forming, hot forming, flow forming spinning, etc
- **Maximum size of work piece**
2000mm diameter. X 2000mm Long. (Large size can be under taken)
PIPE / TUBE BENDING UP TO 600MM DIA X 50mm wall thickness in any radius.
(Special requirements can be under taken)
- **Electric furnace**
Size 1000mm X 1000mm X 1100mm (for material stress relieving). Maximum Temperature 1150°C with controlled heating controller, recorder and printers
Air circulating fan for low temp alloys inside furnace
Air / waters quenching facilities
Calibrated by ERTL, approved by MSQA
- **Other facilities**
CNCTurning / drilling, Welding arc, GTAW, Argon arc welding, hydro testing, DP test
- **Material handling facility**
Jib crane 2tonnes EOT 3 tons 10 tons



Our Clients

L P S C - TRIVENDRUM / BANGALORE

G T R E - DRDO/DEFENCE

LARSEN & TOUBRO LTD -

ADVANCE SYSTEM LABORATORY -

BHARAT HEAVY ELECTRICAL LTD

HINDUSTAN AERONAUTICS LTD

RIECO INDUSTRIES LTD

GODREJ & BOYCE MFG CO LTD

BHARAT DYNAMICS LTD

AXTEL INDUSTRIES LTD



M. K. INDUSTRIES

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