ADVANCED BENDING TECHNOLOGIES inc.

Request a Quote 1-800-563-BEND

- Specialists in pipe, tube and structural steel shapes
- Leaders in low-deformation bending of structural beams and tubes for exposed architectural applications

Don't Assume It Can't Be Done... Until You Talk To Us!

www.Bending.net

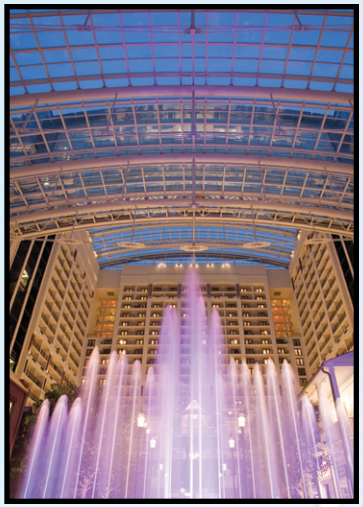
Pipe Bending

Induction Bending

Advanced Bending Technologies is a ISO 9001 certified supplier of Induction Bending services to customers in Western Canada and the US. High-precision bends in carbon, alloy, and stainless steels up to 48" (1067mm) in diameter are "standard procedure" for our highly experienced induction bending production team. Every bend produced by our Induction Bending team is thoroughly inspected. Critical information such as bend temperature, material hardness, ovality, and wall thinning are all measured and recorded by our experienced team of induction and high precision bend operators and QA technicians.

Our Induction Bending procedures comply with the following codes and standards:

- **ASME B31.1**
- **ASME B31.3**
- **CSA Z245.11-05**
- **TPA-IBS-98**
- **PFI ES-24**
- **CSA Z 662**



Cold Bending

Advanced Bending Technologies has extensive experience in high precision bends of pipe and tubing for a wide variety of products, from simple bending for hand rails and bicycle racks to high-precision bends for industrial piping systems. Our experienced staff provides high precision bends with everything from plain carbon steel to exotic alloys, including brass, aluminum, titanium, and stainless steel. Ongoing upgrading of our tooling and industrial piping bending equipment ensures that we keep pace with the ever-changing needs of our customers.

Roll Bending

- Standard pipe sizes up to NPS 10". Radii of 36" and larger, angles up to 360 degrees and beyond.

Rotary Draw Bender

- Standard pipe sizes up to NPS 10". Radii as tight as 2D, angles up to 180 degrees.

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Pipe Bending

Pipe ID (in)	Pipe OD (mm)	Min. Tube Wall (mm)	Center Line Radius 'R' (mm)	Min. 'C' (mm)
1/2	21.3	2	35-63	50
3/4	26.7	2	40-95	50
1	33.7	2	50-127	50
1 1/4	42.7	2.5	70-84-100	70
1 1/2	48.3	2.5	100-190	80
2	60.3	2.5	120-150-165-185-230-254-3D-5D	100
2 1/2	73	2.5	154-180-318-460-3D-5D	130
3	88.9	3	180-3D-5D	150
3 1/2	102	3	800-1500	170
4	114.3	3.5	340-600-3D-5D	170
5	141.3	4	425-760-3D-5D	200
6	168.3	4.5	505-760-900-3D-5D	240
8	219	5	500-1200-3D-5D	430

Tube Bending

Tube ID (in)	Tube OD (mm)	Min. Tube Wall (.mm)	Center Line Radius 'R' (mm)	Min. 'C' (mm)
1 1/2	38.1	2	50	50
1 3/4	44.5	2	90	80
2 1/4	57	2	120	140
3	76	2.5	154	130
4 1/4	108	3	220	270

1 x 1 Radii 4"-14" and up

1 1/2 x 1 1/2

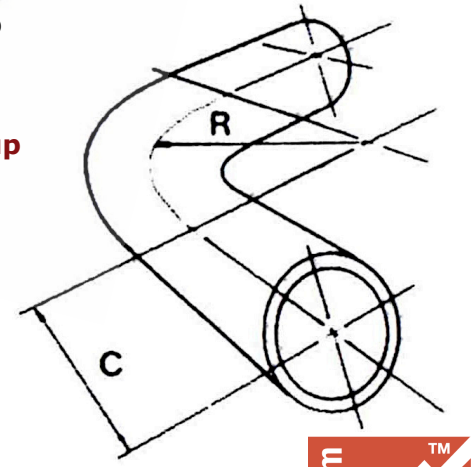
2 x 2

3 x 3 Radii 12"-24" and up

4 x 4

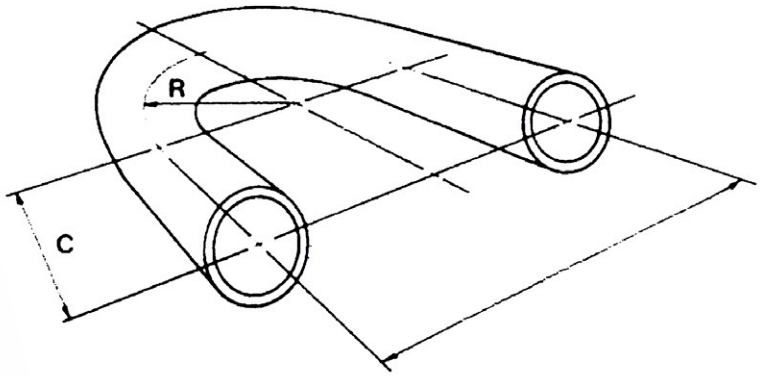
5 x 5

6 x 6 Radius 28" and up



Induction Bending-

All pipe sizes up to 48"



Note: Please call for any special requests as more options are available

Certified System™ ISO 9001