

## Mark 4013 Hydraulic Tip-up Wing Head Tube Bending Machine



The MARK range of machines are portable, quick to use, robust, and come with a 10year warranty to compliment their European manufacture and build quality.

They are ideal for site work, boiler room construction, oil rig applications and industrial uses where you are bending Gas or Black pipe (BS1387, DIN2440, ASTM A53, EN 10255). And Hydraulic pipe with a wall thickness over 3mm.

The MARK range utilises a reliable single hydraulic circuit system thus removing the need to pump the ram to return as it is spring loaded for ease of use. They also have an innovative handle and piston design to maximise the cylinder stroke, which optimises operator effort and thus reduces fatigue.

This bender comes packed in a wooden box for easy storage and transport.?

## Features

## Technical Specification

MODEL	4013									
Hydraulic pressure pump kN	200									
Motor kW	0									
Weight kg	465									
Container dimensions cm	178 x 78 x 67									
<b>Gas &amp; steam tubes</b>										
Standard formers for 90° bends "	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	2	$2\frac{1}{2}$	3	4
External diameter mm	17.2	21.3	26.9	33.7	42.4	48.3	60.3	76.1	88.9	114.3
Wall thickness DIN 2440 mm (150 medium, ISO R65)	2.35	2.65	2.65	3.25	3.25	3.25	3.65	3.65	4.05	4.50
Wall thickness DIN 2441 mm (150 heavy, ISO R65)	2.9	3.25	3.25	4.05	4.05	4.05	4.50	4.50	4.85	5.40
Bending radii mm	45	50	65	100	130	150	200	320	380	600
Standard accessories	10 formers 4 bending blocks with dowel pins 1 straightener and 2 extension ram									

## Options

- Pivot Stand
- Special Attachment for 180° bends in Flat Bar
- Special Attachment for Harpin Bends in Gas and Steam Tubes
- 90° Formers
  - Polyethene Covered Tubes – Special 90° formers for 3/8-2" (radii 100-270mm) tubes
  - Boilertubes – Special 90° formers for 25/21-76/70mm boiler tubes
  - Construction Tubes – Special 90° formers for 1/2 -1 1/4" (21.3 x 1.75 – 42.5 x 2mm) tubes
- 180° Formers for Gas and Steam Tubes
  - Special 180° Formers for 3/8–2" (17.2-60.3mm) tubes