

## Mark 4313 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 complete with a 90° Former set for 3/8" to 2"nb (3/8, 1/2", 3/4", 1" & 1"1/4, 1"1/2 & 2" nb) and all packed in a wooden box for easy storage and transport.

## Features

## Technical Specification

MODEL 4313

Hydraulic pressure pump kN 200

Motor kW 1.5

Weight kg 475

Container dimensions cm 178 x 78 x 67

### Gas & steam tubes

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 2.35 2.65 2.65 3.25 3.25 3.25 3.65 3.65 4.05 4.50 (150 medium, ISO R65)

Wall thickness DIN 2441 mm 2.9 3.25 3.25 4.05 4.05 4.05 4.50 4.50 4.85 5.40 (150 heavy, ISO R65)

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

### Accessories

Optional formers for 180°

In gas & steam tubes (" & mm)

Bending radii mm

Optional attachment for hairpin bends up to 180°

### Boilertubes

Optional  
formers for  
90° bends  
mm

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Bending radii  
mm

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**Polyethane  
covered  
tubes**

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Optional  
formers for  
90° bends "

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Bending radii  
mm

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**Construction  
tubes**

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Optional  
formers for  
90° bends "

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External  
dia/wall  
thickness mm

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Bending radii  
mm

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**Flat bars 8 x  
40mm**

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Extra bending  
jig curve up to  
180°

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Internal  
diameter mm

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Optional  
attachment  
for bends up  
to 180°

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Stroke  
adjustment

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