

# Swade-Sir™

M A C H I N E T O O L S E S T . 1 9 4 2

## 12B Tube Bending Machine

TYPE - COMPRESSION BENDER • MODEL - 12B



- Engineered from the highest quality materials
- Simple set up and operation
- Speed with accuracy
- Guaranteed workmanship
- After sales tooling service

Model 12B hand operated Tube Bending Machine is designed to bend medium to heavy wall steel and non-ferrous tube, nominal bore pipe, and section forms.

The machine is manufactured from high grade materials - semi steel body and former locking plate. All other components including formers are made from high quality steel.



Features include easy access for tube positioning and removal plus no clamping of tube or use of a mandrel is required.

Suitable for setting up a number of machines in banks for multiple bending operations.

The standard machine can be fitted with slide blocks and special tooling for bending square, angle or section formed materials.



**R.G. Swadesir International Pty Ltd**

259-265 Sydney Road Coburg 3058 Victoria Australia Tel: 03 9386 1326 Fax: 03 9386 1254  
<http://www.swadesir.com.au> Email: [infosupport@swadesir.com.au](mailto:infosupport@swadesir.com.au)

## 12B Tube Bending Machine

### SPECIFICATIONS

<b>Operation:</b>	Hand operated - Bench mounted Direction of bend right or left hand											
<b>Capacity:</b>	25mm x 3mm (1" x 10 swg) mild steel and non-ferrous materials 25mm x 3mm (1" x 10 swg) stainless steel 20mm (3/4") nominal bore pipe											
<b>Maximum Angle of Bend:</b>	180°											
<b>Maximum Radius:</b>	90mm (3 1/2") centre line radius											
<b>Minimum Radius:</b>	50mm (2") centre line radius											
<b>Standard Radius Formers :</b>	<table border="1"> <thead> <tr> <th>Former Size:</th> <th>Centre Line Radius:</th> </tr> </thead> <tbody> <tr> <td>16mm (5/8")</td> <td>90mm (3 1/2")</td> </tr> <tr> <td>20mm (3/4")</td> <td>90mm (3 1/2")</td> </tr> <tr> <td>22mm (7/8")</td> <td>90mm (3 1/2")</td> </tr> <tr> <td>25mm (1")</td> <td>90mm (3 1/2")</td> </tr> </tbody> </table>	Former Size:	Centre Line Radius:	16mm (5/8")	90mm (3 1/2")	20mm (3/4")	90mm (3 1/2")	22mm (7/8")	90mm (3 1/2")	25mm (1")	90mm (3 1/2")	
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<b>Overall Dimensions:</b>	470mm long x 450mm wide x 230mm high											
<b>Net Weight:</b>	Approximately 34kg											
<b>Additional Attachments:</b>	Special Formers Slide Blocks Section Form Tooling Angle Iron Tooling Square Form Tooling											
<b>After sales Service:</b>	A tool design service is available for special bending applications: such as thin wall tubing, angle iron, square and other extruded section materials											
<b>Spare Parts:</b>	Available from stock All specifications are subject to change without notice											

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