SECTION BENDING MACHINES

MC150B

than 40 years manufacturing industrial machinery
SECTION BENDING MACHINES

The pipe and section bending machines Nargesa with two or three traction rollers, either hydraulic or mechanic system are ideal for making all kinds of bends, curves, shapes on different pipes and profiles no matter the material to be use: aluminium, stainless steel, mild steel, copper, galvanized pipe for making staircases, tube spirals, pipe flanges, greenhouses, railings, tables, chairs, doors and even windows. Hydraulic section bending machines are accurate when making bends on T-profiles, angles, U-profiles, round pipes and bars, square bars and pipes, flat bars. It is the kind of industrial machinery that will allow the user to have countless bending possibilities.

GET A QUOTE
Get a quote for your needs.

Please complete the following form. We’ll contact you in less than 24 hours.
Business days.

HOW IT WORKS VIDEO
Video on how the machine works.

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**MC150B**

- Two drive rollers.
- Diameter of axes: 40 mm.
- Useful axes length: 74 mm.
- Center distance between lower axes: 230 mm.
- Maximum capacity for bending round pipe: 2 inches or 50 mm.

**MC200**

- Two drive rollers.
- Diameter of axes: 40 mm.
- Useful axes length: 74 mm.
- Center distance between lower axes: 286 mm.
- Maximum capacity for bending round pipe: 2’1/2 inches or 63.5 mm.

**MC200H**

- Two drive rollers.
- Diameter of axes: 40 mm.
- Useful axes length: 74 mm.
- Center distance between lower axes: 286 mm.
- Maximum capacity for bending round pipe: 3’ inches or 76.2 mm.

**MC400**

- Three drive rollers.
- Diameter of axes: 40 mm.
- Useful axes length: 80 mm.
- Maximum capacity for bending round pipe: 2’1/2 inches or 63.5 mm.
- Independent bending regulation of the lower rollers.

**MC650**

- Three drive rollers.
- Diameter of axes: Inferiores 65 mm / Superior 80 mm.
- Useful axes length: 130 mm.
- Center distance between lower axes: 202 mm.
- Maximum capacity for bending round pipe: 4’ inches or 101.6 mm.
- Independent bending regulation of the lower rollers.
## BENDING CAPACITY

Sizes indicated in the following chart are estimated, they are closely related to pipe harness and quality.

<table>
<thead>
<tr>
<th>Section</th>
<th>MC150B</th>
<th>MC200</th>
<th>MC200H</th>
<th>MC400</th>
<th>MC650</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Size</td>
<td>Min. Radius</td>
<td>Size</td>
<td>Min. Radius</td>
<td>Size</td>
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<tr>
<td></td>
<td>50x10</td>
<td>300</td>
<td>50x10</td>
<td>300</td>
<td>50x10</td>
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<td>200</td>
<td>80x20</td>
<td>150</td>
<td>80x20</td>
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<td>30x30</td>
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<td>50x50x3</td>
<td>600</td>
<td>50x50x3</td>
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<td>40</td>
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<tr>
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<td>40x2*</td>
<td>300</td>
<td>40x2*</td>
<td>250</td>
<td>40x2*</td>
</tr>
<tr>
<td></td>
<td>50,8x3*</td>
<td>600</td>
<td>63,5x3*</td>
<td>500</td>
<td>63,5x3*</td>
</tr>
<tr>
<td></td>
<td>= 2&quot;x3*</td>
<td>600</td>
<td>= 2&quot;1/2x3*</td>
<td>500</td>
<td>= 2&quot;1/2x3*</td>
</tr>
</tbody>
</table>

* Optional rollers
The pipes and profiles pyramidal bending machine Nargses MC150B is made of machined steel, with two traction rollers, hardened gear transmission. Maximum capacity for bending round pipe: 2 inches or 50 mm.

> Diameter of axes: 40 mm.
> Useful axes length: 74 mm.
> Center distance between lower axes: 230 mm.
> Maximum capacity for bending round pipe: 2 inches or 50 mm.
> Bending regulation by the upper shaft, which allows to curve tube and profile dimensions and profiles of large diameter without deformation.
> We supply the section bending machine MC150B with 9 rollers and standard washers, that can be combined and make all kinds of profiles.
> Millimeter scale for bending in the upper shaft.
> Two working positions, horizontal and vertical in the same workbench.
> Correction rollers on the sides to control the bending deformation when making spirals and spiral staircases.
> Base cupboard for rollers and accessories.
> Motor Power: 0.75 KW / 1 HP.
> Voltage supply: 3 phased 230/400 V or 230 V 1 phased.
> For other voltages, contact the manufacturer.
> Rollers speed: 6 RPM

*All our products are manufactured in our facilities in Spain. The hydraulic and electrical components are all standard from the best leading European trademarks, with technical assistance all over the world: Rexroth, Bosch, Roquet, Schneider Electric, LG, Telemecanique, Pizzato etc...
• Tariff Item Code: 84622998
• Lower bench palletized to easily transport the machine to the workplace or store it in case of lacking space.
• The machine is shipped fully assembled.
• Pallet made of steel and 3 layer cardboard box suitable for seafreight.
• Optional: Fumigated wooden box NIMF15.

OUTSIDE DIMENSIONS

PACKAGING CHARACTERISTICS

<table>
<thead>
<tr>
<th>OUTSIDE DIMENSIONS</th>
<th>OUTSIDE DIMENSIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width</td>
<td>700 mm</td>
</tr>
<tr>
<td>Depth</td>
<td>950 mm</td>
</tr>
<tr>
<td>Height</td>
<td>1150 mm</td>
</tr>
<tr>
<td>Volume</td>
<td>0.76 m³</td>
</tr>
<tr>
<td>Net Weight</td>
<td>270 Kg.</td>
</tr>
<tr>
<td>Gross Weight</td>
<td>280 Kg.</td>
</tr>
</tbody>
</table>

MC150B
It's equipped with 9 standard pieces, by means of which the user can work all kinds of profiles. Square, rectangular pipe, solid round and square bars. U Profile, T profile, angle, flat bar, edged flat bar...

Adjustable rollers, by washers with the size of profile or pipe which allows us to make bending to different pipe or profile sizes.

Steel rollers F1140 treated and rectified.
**OPTIONAL ACCESSORIES**

**Treated steel rollers**

Rollers made of Steel F-1140 and treated to 62 Rc. Suitable for bending all kind of round steel or stainless steel pipes.

*Always clean up the rollers well before using stainless steel not to get the pipe contaminated.*

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**Sustarin Rollers**

Rollers made of Sustarin to bend round stainless steel pipes, aluminium and delicate materials with thickness not bigger than 2.5mm.

*Sustarin rollers do not damage nor get the pipe contaminated.*

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### For tube

<table>
<thead>
<tr>
<th>mm</th>
<th>Weight</th>
<th>ISO mm</th>
<th>Weight</th>
<th>Inches Whitwort</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>(25+30)*</td>
<td>17,00 Kg.</td>
<td>(21,3+26,9)*</td>
<td>17,70 Kg.</td>
<td>(1/2&quot;+1&quot;1/4)* = (12,700 + 31,751 mm)</td>
<td>18,00 Kg.</td>
</tr>
<tr>
<td>(20+35)*</td>
<td>16,50 Kg.</td>
<td>(17,2+33,7)*</td>
<td>17,00 Kg.</td>
<td>(1&quot;+3/4&quot;)* = (25,401 + 19,051 mm)</td>
<td>18,50 Kg.</td>
</tr>
<tr>
<td>40</td>
<td>16,60 Kg.</td>
<td>42,4</td>
<td>16,00 Kg.</td>
<td>1&quot;1/2 = 38,101 mm</td>
<td>17,25 Kg.</td>
</tr>
<tr>
<td>50</td>
<td>14,25 Kg.</td>
<td>48,3</td>
<td>14,40 Kg.</td>
<td>2&quot; = 50,802 mm</td>
<td>13,60 Kg.</td>
</tr>
<tr>
<td>60</td>
<td>11,10 Kg.</td>
<td>60,3</td>
<td>11,15 Kg.</td>
<td>2&quot;1/2 = 63,502 mm</td>
<td>9,75 Kg.</td>
</tr>
<tr>
<td>70</td>
<td>76,1</td>
<td></td>
<td></td>
<td>3&quot; = 76,2 mm</td>
<td></td>
</tr>
</tbody>
</table>

*When the tube measurements are small, two measurements are added on the same roller.*

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### For tube in mm

<table>
<thead>
<tr>
<th>(25+30) - (20+35) - 33 - 40 - 43 - 50 - 50,8 - 60</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,5 Kg.</td>
<td></td>
</tr>
</tbody>
</table>

*When the tube measurements are small, two measurements are added on the same roller.*
OUR RANGE OF MACHINERY

- IRON WORKERS
- SECTION BENDING MACHINES
- NON-MANDREL PIPE BENDER
- HORIZONTAL PRESS BRAKES
- TWISTING/SCROLL BENDING MACHINES
- HYDRAULIC PRESS BRAKES
- HYDRAULIC SHEAR MACHINES
- GAS FORGES
- IRON EMMOSING MACHINES
- END WROUGHT IRON MACHINES
- BROACHING MACHINES
- POWER HAMMERS
- PRESSES FOR LOCKS
WARRANTY

Nargesa machines have 3 years warranty provided that the customer registers it in our website. Otherwise it would be only one year warranty. This one encloses any manufacturing default all along these 3 years for components. Any misuse is excluded from this condition. Labor, back and forth shipping and any eventual repair, are not included in this warranty.

Partner companies.

SHIPMENT EVERYWHERE

Nargesa will arrange transport up to final destination, whenever the customers asks for so. There is also the possibility for the customer to arrange the shipment himself with his own agency.

TECHNICAL ASSISTANCE

All our customers have access to technical support quickly and efficiently. 90% of incidences are solved out on the phone, mail, Skype or video-conferencing in less than 24 hours. In case of needing presencial technical assistance, we may as well send a technician to the customer’s facilities.