



# Leabourn & Rose Ltd

Heavy Machine Tools

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## TECHNICAL DATA

| Description                     | TB050T                         |
|---------------------------------|--------------------------------|
| Bending Radii**                 | 10 ÷ 300 mm                    |
| Max Rotation Angle              | 210°                           |
| Max Bending Speed               | 1.25 & 2.5 rpm                 |
| Control                         | Electronic with Microprocessor |
| Number of Programs              | 30 x 9 Bends Each              |
| Overload System Control         | Yes                            |
| Voltage*                        | Three Phase 220 / 400 V        |
| Motor                           | 1.5 kW                         |
| Noise Level (machine operating) | < 70 dB                        |
| Upper Machine Body              | Aluminium Alloy                |
| Lower Machine Mainframe         | Welded Steel                   |
| Foot-switch Control             | Yes                            |
| Dimensions (w x h x l)          | 363 x 900 x 595 mm             |
| Weight                          | 130 kg                         |

\* Other voltages available upon request.

\*\* Special models for bending radii up to 500 mm (extended model) and up to 850 mm ("flipper" model) available upon request.

**050**  
**TOP BENDER®**

## MAXIMUM CAPACITY

Capacities based on materials with T.S. 42 Kg/mm<sup>2</sup> (psi 60.000) - Y.P. 25 Kg/mm<sup>2</sup> (psi 36.000)

| Section | Material                                 | Max Ø x wall thickness (mm) |
|---------|------------------------------------------|-----------------------------|
| ○       | Gas tubes                                | 2" Gas x 4                  |
| ○       | Standard Steel tubes                     | 60 x 3                      |
| ○       | Furniture tubes                          | 60 x 4                      |
| ○       | Hydraulic Steel ST35                     | 64 x 4                      |
| ○       | Stainless Steel AISI 304 - 316           | 64 x 3                      |
| ○       | Stainless Steel AISI 308 (food industry) | 60 x 4                      |
| ○       | Soft Brass                               | 60 x 4                      |
| ○       | Hard Copper & Aluminium                  | 64 x 4                      |
| ○       | Soft Copper                              | 64 x 4                      |
| ○       | Conduit tubes                            | 60 x 4                      |
| ○       | Mepla, Geberit and similar tubes         | 50 x 4                      |
| ●       | Mild Steel (EN: S275JO)                  | 35                          |
| ■       | Mild Steel (EN: S275JO)                  | 10 x 60                     |
| □       | Mild Steel (EN: S275JO)                  | 25 x 50 x 3                 |
| □       | Mild Steel (EN: S275JO)                  | 50 x 50 x 3                 |
| ■       | Mild Steel (EN: S275JO)                  | 30 x 30                     |
| └       | Mild Steel (EN: S275JO)                  | 50 x 50 x 6                 |
| └       | Mild Steel (EN: S275JO)                  | 40 x 20 x 6                 |



