

## PB SERIES HYDRAULIC PIPE BENDERS (MADE IN JAPAN)



### FEATURES

The PB-10N & PB-15N Benders were designed to bend various sizes and various thickness of steel pipes without wrinkles.

An aluminium alloy frame makes this bender lighter so that it can be easily carried to the job site.

Bending shoes are designed to bend gas pipe or steel electrical conduit - listed in the charts below. For use with any 700-bar hydraulic single-acting high-pressure pump. Refer Section "C" of the Electrical catalogue.

**PLEASE NOTE:** Hydraulic Pump & Bending shoes are sold separately - unless otherwise indicated

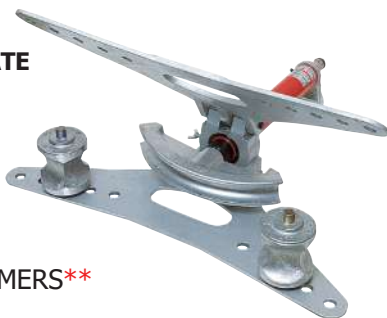
### SUITABLE CONDUITS & PIPES

Model No.	PB-10N	PB-15N
<b>Thin steel conduit (A)</b>	A15 (5/8", 16mm) to A51 (2", 50mm) to 90° in one shot	A15 (5/8", 16mm) to A51 (2", 50mm) to 90° in one shot
<b>Gas Pipe (SGP)</b>	SGP15 (1/2", 21.3mm) to SGP50 (2", 60.3mm) to 90° in one shot	SGP15 (1/2", 21.3mm) to SGP100 (4", 114.3mm)

### SPECIFICATIONS

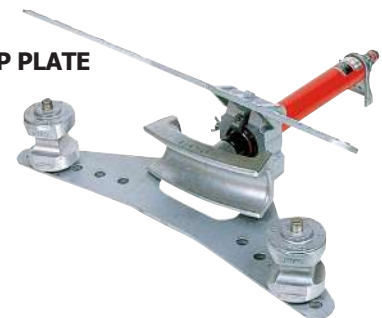
Model No.	PB-10N	PB-15N
<b>Capacity</b>	15-50mm (1/2 - 2") Nominal Bore Pipe	15-100mm (1/2 - 4") Nominal Bore Pipe
<b>Oil volume required</b>	400cc	595cc
<b>Output force</b>	108kN	162kN
<b>Ram stroke</b>	250mm	250mm
<b>Size</b>	780mm Wide	900mm Wide
<b>Weight</b>	18.6kg (W/O PIVOT SHOES and BENDER SHOE)	28.8kg (W/O PIVOT SHOES and BENDER SHOE)
<b>INCLUDES:</b>	Frame, Cylinder, Pivot shoes (2 pieces) and Angle gauge	Frame, Cylinder, Pivot shoes (2 pieces) and Angle gauge

HINGED TOP PLATE



**MODEL NO.**  
PB-10N  
PB-10N INC FORMERS\*\*

HINGED TOP PLATE



**MODEL NO.**  
PB-15N

### BENDING SHOES STEEL CONDUIT

Model No.	(mm) OD	Suits Model
<b>A15</b>	15.9	<b>PB10N/15N</b>
<b>B16</b>	21.0	<b>PB10N/15N</b>
<b>A25</b>	25.4	<b>PB10N/15N</b>
<b>A31</b>	31.8	<b>PB10N/15N</b>
<b>B36</b>	41.9	<b>PB10N/15N</b>
<b>A51</b>	50.8	<b>PB10N/15N</b>
<b>*A63</b>	63.5	<b>PB15N</b>
<b>*A75</b>	76.2	<b>PB15N</b>

\* Segmented bending required to produce a 90° bend

### BENDING SHOES GAS PIPE

Model No.	(mm) OD	Suits Model
<b>**SGP-15 - 1/2" GAS</b>	21.3	<b>PB10N/15N</b>
<b>**SGP-20 - 3/4" GAS</b>	26.9	<b>PB10N/15N</b>
<b>**SGP-25 - 1" GAS</b>	33.7	<b>PB10N/15N</b>
<b>**SGP-32 - 1 1/4" GAS</b>	42.2	<b>PB10N/15N</b>
<b>**SGP-40 - 1 1/2" GAS</b>	48.3	<b>PB10N/15N</b>
<b>**SGP-50 - 2" GAS</b>	60.3	<b>PB10N/15N</b>
<b>*SGP-65 - 2 1/2" GAS</b>	76.3	<b>PB15N</b>
<b>*SGP-80 - 3" GAS</b>	89.1	<b>PB15N</b>
<b>*SGP-90 - 3 1/2" GAS</b>	101.6	<b>PB15N</b>
<b>*SGP-100 - 4" GAS</b>	114.3	<b>PB15N</b>

J HOLE MAKING & BENDING

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