

HB-451

Portable hydraulic tube bender for soft inch copper tube in sturdy plastic carrying case.

Supplied with:

7 shoes for $\frac{1}{4}$ " , $\frac{5}{16}$ " , $\frac{3}{8}$ " , $\frac{1}{2}$ " , $\frac{5}{8}$ " , $\frac{3}{4}$ " , $\frac{7}{8}$ "
OD sizes

3 counter formers:

10 mm - 12 mm to use for $\frac{1}{4}$ " , $\frac{5}{16}$ " and $\frac{3}{8}$ "
14 mm - 17 mm to use for $\frac{1}{2}$ " and $\frac{5}{8}$ "
18 mm - 22 mm to use for $\frac{3}{4}$ " and $\frac{7}{8}$ "

Bends: - Annealed copper tube of max 22 mm x 1,5 mm
- Annealed stainless steel pipe of max 22 mm x 1,2 mm
- Bonderized steel pipe of max 22 mm x 2 mm

Bend radius for size	$\frac{1}{4}$ "	=	31 mm
Bend radius for size	$\frac{5}{16}$ "	=	31 mm
Bend radius for size	$\frac{3}{8}$ "	=	31 mm
Bend radius for size	$\frac{1}{2}$ "	=	34 mm
Bend radius for size	$\frac{5}{8}$ "	=	49 mm
Bend radius for size	$\frac{3}{4}$ "	=	80 mm
Bend radius for size	$\frac{7}{8}$ "	=	88 mm

HB-451M

Portable hydraulic tube bender for soft metric copper tube in sturdy plastic carrying case.

Supplied with:

7 shoes for 10 mm, 12 mm, 14 mm, 16 mm, 18 mm, 20 mm and 22 mm OD sizes

3 counter formers: 10 mm - 12 mm
14 mm - 17 mm
18 mm - 22 mm

Bend radius for size	10 mm	=	31 mm
Bend radius for size	12 mm	=	34 mm
Bend radius for size	14 mm	=	41 mm
Bend radius for size	16 mm	=	49 mm
Bend radius for size	18 mm	=	72 mm
Bend radius for size	20 mm	=	80 mm
Bend radius for size	22 mm	=	88 mm

FEATURES

- Light alloy high-resistance die-cast block.
- Die-cast aluminium shoes.
- Galvanised iron back-dies with die-cast aluminium parts.
- High resistance light alloy die-cast pump lever.
- Compact and easy to handle.
- Highly efficient: works with minimal effort even when handling large cross sections.
- Interchangeable quick-coupled counter formers.

