



WINEMA AGENCIES

2/5 Percy Drive, Brendale QLD 4500

Ph:+61 7 3889 7622 Fx:+61 7 3889 7621

ABN 88 094 338 431

www.winema.com.au

BITE-ME COLLET PULLERS



The all new BP-1000 series of collet type pullers from Winema are designed with the latest technology to quickly and efficiently remove tubes and stubs from heat exchangers, condensers, chillers and other tubular pressure vessels.

Available in two styles, Double Acting & Automatic Gas Return, the BP pullers offer the best power to weight ratio available. With the ability to develop 9 tons of pulling force with a stroke of 150mm as standard they are also the most compact. The BP Collet Puller pulls tubes from 15.8 mm O.D. to 25.4mm O.D. from the tube sheet thickness up to 50.8mm.

Features

- Compact and lightweight design
- Rapid cylinder stroke for unmatched productivity and seamless operation
- Floating collet design for extended tool life
- Adjustable nose piece
- Detachable single or double actuation control handle
- Ergonomically designed for ease of use
- Can be used with standard high pressure (10,000psi) hydraulic pumps

Inclusions

All BP-1000 are supplied complete with Jaw Set and Draw Bolt (size to be specified)
One each 3/4" and 1" Nose Pieces

Options

Electrically powered hydraulic power pack
Pneumatically operated hydraulic power pack
Optional stroke sizes of 75mm and 225mm available

Consumables



TUBE O.D.	TUBE GAGE	GRIPPER SET	MIN ENTER DIM AFTER EXP.	MAX ENTER DIM AFTER EXP.	DRAW MANDREL	NOSE PIECE
5/8	16-17	BP-1000-17-056-16	12,85 mm (0,506")	13,85 mm (0,545")	BP-1000-16-058	BP-1000-14-058
	18-19	BP-1000-17-056-18	13,60 mm (0,535")	14,60 mm (0,574")		
	20-21	BP-1000-17-056-20	14,30 mm (0,562")	15,30 mm (0,602")		
	22-23	BP-1000-17-056-22	14,60 mm (0,576")	15,65 mm (0,616")		
3/4	16-17	BP-1000-17-075-16	16,05 mm (0,631")	17,05 mm (0,671")	BP-1000-16-075	BP-1000-14-075
	18-19	BP-1000-17-075-18	16,90 mm (0,665")	17,90 mm (0,704")		
	20-21	BP-1000-17-075-20	17,60 mm (0,692")	18,60 mm (0,732")		
	22-23	BP-1000-17-075-22	17,95 mm (0,706")	18,95 mm (0,746")		
7/8	16-17	BP-1000-17-087-16	19,20 mm (0,755")	20,20 mm (0,795")	BP-1000-16-087	BP-1000-14-087
	18-19	BP-1000-17-087-18	20,00 mm (0,787")	21,00 mm (0,826")		
	20-21	BP-1000-17-087-20	20,70 mm (0,815")	21,70 mm (0,854")		
	22-23	BP-1000-17-087-22	21,05 mm (0,828")	22,05 mm (0,868")		
1	16-17	BP-1000-17-100-16	22,40 mm (0,881")	23,40 mm (0,921")	BP-1000-16-100	BP-1000-14-100
	18-19	BP-1000-17-100-18	23,20 mm (0,913")	24,20 mm (0,952")		
	20-21	BP-1000-17-100-20	23,90 mm (0,941")	24,90 mm (0,980")		
	22-23	BP-1000-17-100-22	24,70 mm (0,972")	25,70 mm (1,011")		

Specifications

Stroke	Standard: Optional:	150mm 75mm and 225mm
Pulling Force	Standard:	9 metric tons
Length	Double Acting: Gas Return:	415mm O/A 465mm O/A
Weight	Double Acting: Gas Return:	7.95kg 8.40kg
Capacity	Tube Tube Sheet	15.8mm to 25.4mm Tube OD up to 50.8 mm