

# HYDRAULIC TUBE EXPANSION TOOLS



TUBE TOOLS



Manufacturer & Exporter of:

Tube Cleaners, Flexible shafts, Tube Expanders,  
Tube Tools, Brushes, Cutters, Tapping Machines, Hydraulic  
Tube Expansion system, Tube Pulling System, Torque Wrench,  
Spring Balancer, Torque Multiplier, Nut Splitter & Accessories.



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# HYTUBEX:

## HYDRAULIC TUBE EXPANSION SYSTEM:

### FEATURES:

1. Silent during use .In comparison electric and pneumatic tube expansion systems are noisy.
2. Drive communicates with the pump via 9v DC remote control. This ensures safety & eliminates the need of electrical
3. Compact, therefore easy to use inside boiler drums.
4. Compatibility- Same power pack for all 4 drives to expand 5/8” OD to 4” OD tube.
5. Very high Torque developed- can expand large diameter, thick wall tubes in thick tube sheets easily.
6. Long life + low maintenance.
7. Boiler erections get completed in record time.
8. Can be use for long working hours because drive is unaffected by heat.
9. Dual drive power pack is available to connect 2 drives to single power pack to cut down tube expansion time by further 50%.
10. Microprocessor controls on the pump automate the expansion cycle. Trip, pause & reverse times for the drive are adjustable. No need for repeated manual STOP/ START of the drive during expansion cycle- Complete automatic.

The hydraulic pump supplied with hydraulic drive incorporates the latest state of the technology resulting in a subcompact pump developing 100 bar pressure. The system is mounted on four wheels for on site manoeuvrability. Expansion of tubes is regulated by adjusting pressure setting pump. Once required amount of wall thinning is achieved the drive trips automatically.



HYDRAULIC PUMP BHEP-500

	Hydraulic Pump Model		
	BHEP-300	BHEP-500	BHEP-1000
Oil tank capacity ( Litres)	30	80	138
Hydraulic Oil	SAE VG 68	SAE VG 68	SAE VG 68
Net Weight (Kgs)	80	100	220
Maximum Working Pressure (bar)	100	100	100
Electrical Motors	3 hp., Single phase	5 hp., Three phase	10hp., Three phase
Voltage	230v / 110v	415V	415V
Overall Dimensions (mm)	610 x 270 x 985	820 x 470 x985	1775 x 550 x 1200
Standard Hose Size (Length)	½”(10 mtrs.)	½”(10 mtrs.)	½”(10 mtrs.)



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## HYDRAULIC DRIVES



Tube Expansion Range				DRIVE		Drive No Load Speed (RPM)	Drive Weight Kgs.
Steel Tube O.D.		Copper Tube I.D.		Model No.	Square Socket Inch	With BHEP-300/500/1000	
Mm	Inch	Mm	Inch				
15-25	5/8-1	25-38	1-1.1/2	BHED-3	3/8	620/954/800	9.6
19-38	3/4-1.1/2	32-64	1.1/4-2.5	BHED-4	3/8 & 1/2	350/480/400	9.7
38-76	1.1/2-3	50-102	2-4	BHED-5	1/2 & 3/4	62/84/70	11.0
50-102	2-4	-	-	BHED-6	3/4 & 1	40/62/54	11.5

## ACCESSORIES FOR EXPANSION SYSTEM

### HYDRAULIC HOSE

Model No.	Hydraulic Hose (Qty x Size x Length) (Mtrs.)
BHE/HS/1210/2	2 x 1/2" x 10
BHE/HS/5815/2	2 x 5/8" x 15
BHE/HS/5820/2	2 x 5/8" x 20
BHE/HS/1210/4	4 x 1/2" x 10
BHE/HS/5815/4	4 x 5/8" x 15
BHE/HS/5820/4	4 x 5/8" x 20



### SUPPLY CABLE

Model No.	Supply Cable Length (Mtrs.)
BHE/SC/15	15
BHE/SC/20	20
BHE/SC/25	25





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## HYDRAULIC DRIVE SOCKET

Model No.	Square (Size)
BHE/DS/38	3/8"
BHE/DS/12	1/2"
BHE/DS/34	3/4"
BHE/DS/1	1"



### FINE TUNE TO OUR OTHER PRODUCTS:

- TUBE CLEANING EQUIPMENTS
- FLEXIBLE SHAFTS
- TUBE EXPANDER
- VERNON TYPE TUBE EXPANDER
- FLEXIBLE SHAFT GRINDER
- CONCRETE MIXING VIBRATORS
- PNEUMATIC TAPPING MACHINE
- CONSTRUCTION EQUIPMENTS
- RUST REMOVAL MACHINES
- WIRE BRUSHES
- TOOL HEAD CUTTERS (15 Roller, 3 Rollers etc.)
- SUGAR GRADE WIRE BRUSHES
- BRUSHES FOR TYRE TUBE VALVE BUFFING
- TWISTED IN WIRE BRUSHES

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