

# ETM-90HD TUBE/PIPE BENDER

## 99 Bending Programs - Auto Cycle

### All Steel Construction

Heavier than other makes of tube benders for maximum versatility and safety. **NO Cast frame components!**

### Adjustable Bend Angle Preset

By means of PLC push button control with memory

**Manual - Automatic:** Auto function allows automatic bend & return with one command, programmable dwell time after bend/before return to allow part extraction

### Bends up to 180° in one Step Quick Change Tooling Wide Range of Bending Radii:

From 2.5" to 19" as tooling types permit

### Standard Accessories:

Service tools, main arbor, instruction manual (tooling optional)

Includes  
Calculation Screens  
& Limit warnings.  
Up to 99 programs  
and impressive  
cycle times.



**NEW  
TOUCH  
SCREEN!**



### SPECIFICATIONS:

Cycle Speed	3.5 seconds /90 no load
Max. Bend Angle	180 degrees + spring back
Speed Reduction	Oil Bath with solid stock gears
Motor Power	4.5 H.P. Self Braking TEFC 3 Phase 220V*
Weight	1,200 LBS without tooling

Machine Requires 220V Three Phase Power - To Run on single phase requires an ample sized Rotary Phase Converter at least with 10HP Rating Hard Starting load.

### MAXIMUM BENDING CAPACITY

Pipe	3" Sch. 40 or up to 2-1/2" Sch. 80 Pipe
Tube	3.5" x 0.216"
Round Bar	2"
Square Tube	2 1/2" x 2 1/2"



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