

# PANDJIRIS, INC

5151 Northrup • St. Louis, MO 63110 • (314) 776-6893

## 50,000 LB HEAD AND TAILSTOCK POSITIONER (MODEL HTS-500)

The **Model HTS-500 Head and Tailstock Positioner** is a quality Head and Tailstock designed to support and rotate 50,000 pounds. The frames are rigid box section, all welded construction. Additional rigidity is accomplished by utilizing oversize anti-friction bearings and by having a welded connection between table and kingpin. The table is driven by an A.C. Brakemotor, through roller chain and sprockets to a high efficiency worm reducer and a final spur gear stage.

Supporting Capacity ..... 50,000 pounds total, 25,000 pounds each end at 12" maximum overhang from face of table.

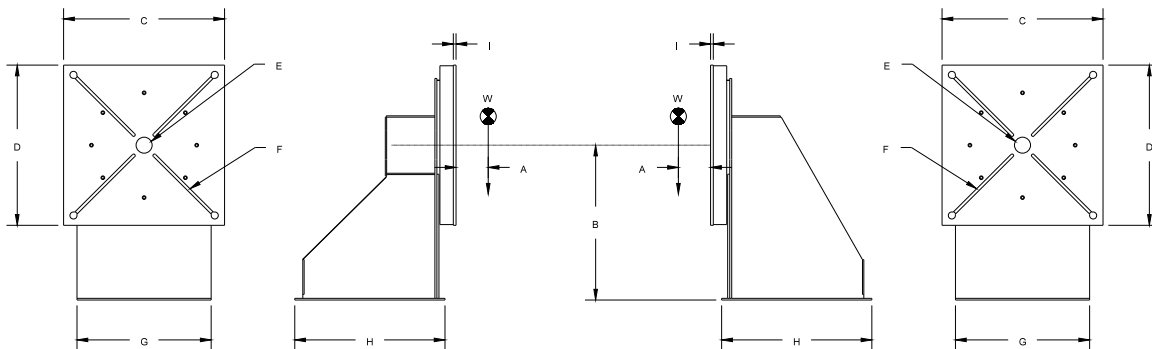
Rotation Torque ..... 300,000 inch pounds.

Rotation Motor ..... 7-1/2 H.P. A.C. Brakemotor.

Rotation Speed ..... .85 RPM constant speed.

Net Weight ..... Headstock 6,700 lbs, Tailstock 4,000 lbs.

Electricals ..... 230/460 volt, three phase, 60 cycle input with 115 volt control circuits and conforms to the National Electrical Code. Thermal overload protection in reversing starter. Momentary push button controls for "Forward-Reverse" are contained in a pendant station with 25 ft. of rubber covered cable.



A	Overhung C.G.	12"	G	Width	HS	50"
B	Rotation Centerline	58"			TS	50"
C	Table	60"	H	Length	HS	56"
D	Table	60"			TS	56"
E	Pilot Hole	6" x 1/4"	I	Table Thickness	3/4"	
F	(4) "T" Slots to accept Standard ANSI 1" "T" Nut		W	Weight Capacity Each/Total	25,000/50,000	

**Terms:** Pandjiris, Inc. standard terms and conditions apply, f.o.b. Factory, St. Louis, Missouri, or designated ship point.

**Delivery:** Consult Factory.

### PRICE LIST

For Bulletin No. : HTS-76/593  
Effective Date : June 1, 1995  
Page Number : H-11

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## MODEL HTS-500 HEAD AND TAILSTOCK Optional Accessories For Variable Speed HTS-500

For variable speed .030 to .50 RPM, 230-460 Volts,  
Single Phase, 60 Hz

Foot switch with compatible plug for Forward/Stop/Reverse  
(speed potentiometer on hand pendant)

Foot switch, Fast-Slow with compatible plug

Preset digital tachometer with compatible plug reads speed in RPM

Dialweld®, (shows linear speed in IPM for diameter set on diameter selector.  
Dial diameter to be welded, dial weld speed, table RPM is automatically  
set to weld diameter at selected welding speed) digital  
meter with compatible plug reads IPM or CmPM

Tach feedback for precision speed control

For special voltages

25' Extension Cable with compatible plugs for standard  
pendants and accessories

Model 600 PT Copper Welding Ground

Model 1200 PT Copper Welding Ground

Welding grounds available on constant speed and variable speed units.

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For Bulletin No. : HTS-76/593  
Effective Date : Oct. 28, 1999  
Page Number : H-12