

Headstock - Tailstock

Positioners

Weld Plus offers two models of head and tailstock positioners to help you maximize production. Koike-Aronson head and tailstock positioners enable full rotation through the horizontal axis, especially adaptable to longer structures, to manipulate loads into the most convenient working positions. This enables welding with the critical download and horizontal accessibility.



HS2VF Variable Speed Headstock

Capacity: 2,500 lbs., Center of Gravity 6" Overhang, 12" Off- Center.

Rotation: 1.0 to .01 RPM @ 30,000 lbIn, 3/4 Hp 100:1 AC Variable Frequency Drive, Dynamic Brake, Rapid Traverse.

Table: A4ST30 30" x 30" x 1 3/4" 4-slot Table, 3/4-10 Nuts.

Chassis: Horizontal rotation axis height of 27 3/4" 2 1/2" Dia. Spindle, 1,500 amps ground current conduction.

Electricals: Nema 12 dust-tight electricals, safety disconnect switch, 24V controls. 12' remote dust-tight pendant with 10-Turn Potentiometer, Forward/Reverse, Rapid Traverse and Emergency Stop pushbuttons.

Primary Voltage: 460/3/60

TS2 Tailstock Positioner

Capacity: 2,500 lbs., Center of Gravity 6" Overhang

Rotation: Free Wheeling - No Gears or Motors.

Table: A4ST30 30" x 30" x 1 3/4" 4-slot Table, 3/4-10 Nuts.

Chassis: Horizontal rotation axis height of 27 3/4" 2 1/2" Dia. Spindle, 1,500 amps ground current conduction



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KOIKE-ARONSON

HS4VF Headstock Positioner

Capacity: 4,500 lbs., Center of Gravity 6" Overhang, 12" Off- Center.

Rotation: 1.2 to .012 RPM @ 54,000 lbn, 3 Hp 100:1 AC Variable Frequency Drive, Dynamic Brake, Rapid Traverse.

Table: A4ST30 30" x 30" x 1 3/4" 4-slot Table, 3/4-10 Nuts.

Chassis: Horizontal rotation axis height of 27 3/4", 2 1/2" Dia. Spindle, 1,500 amps ground current conduction.

Electricals: Nema 12 dust-tight electricals, safety disconnect switch, 24V controls. 12' remote dust-tight pendant with 10-Turn Potentiometer, Forward/Reverse, Rapid Traverse and Emergency Stop pushbuttons.

Primary Voltage: 460/3/60

TS4 Tailstock Positioner

Capacity: 4,500 lbs., Center of Gravity 6" Overhang.

Rotation: Free Wheeling

Table: A4ST30 30" x 30" x 1 3/4" 4-slot Table, 3/4-10 Nuts.

Chassis: Horizontal rotation axis height of 27 3/4" 2 1/2" Dia. Spindle, 1,500 amps ground current conduction.

Electricals: None. Not powered



Head and tail units are rated for overhanging loads. Determine the weight and how far ahead of the table the Center of Gravity (CG) of the workpiece will be, then select the proper model.

The headstock must also assure adequate rotational torque. Determine the distance that the load's CG will be from the rotational axis, then multiply this distance (in inches) by the pounds of the load weight to find the "Lbs.-In." torque requirement.

