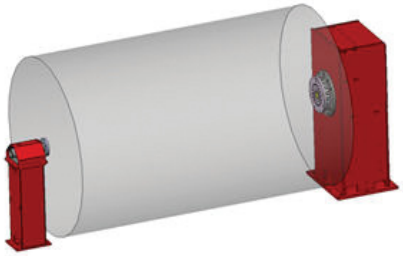
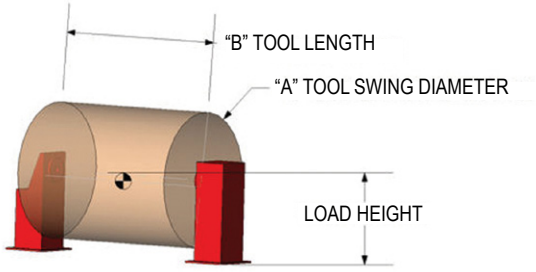
HEADSTOCK/TAILSTOCK POSITIONERS

Headstock/Tailstock Positioner

Headstock and tailstock positioners are ideal for parts that require repositioning during the weld cycle. Part rotation is servo driven, allowing robot and workpiece coordinated motion. Headstock and tailstock positioners can be configured to handle a wide range of part sizes from 1,000-kilograms to 10,000 plus kilograms.

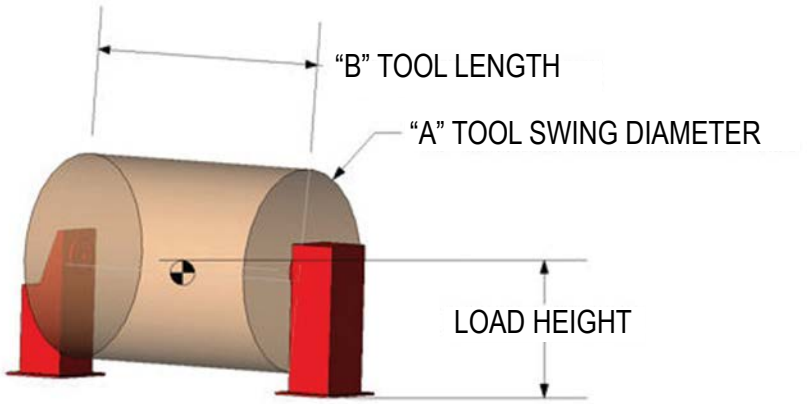
	HT-2 (RV110)	HT-4 (RV320E)	HT-7.5 (RD320C)
Maximum weight capacity	1,000-kilograms	1,800-kilograms	2,100-kilograms
Maximum tool length	2.5-meters	3.0-meters	3.0-meters
Maximum swing diameter	1.25-meters	1.50-meters	1.50-meters
Centerline height	.75-meters to 1.25-meters	.75-meters to 1.25-meters	.75-meters to 1.25-meters
Servo motor size required	8Nm, tapered shaft, 4000 rpm, brake	12Nm, straight shaft, 3000 rpm, brake	12Nm, straight shaft, 3000 rpm, brake
Allowable tool out of balance torque	250Nm	425Nm	750Nm
180-degree index time	1.8-seconds	2.5-seconds	3.1-seconds
Tailstock bearing	Single pillow block (dual available)	Single pillow block (dual available)	Dual bearing standard
Weld ground	Rotary ground	Rotary ground	Rotary ground or through tailstock





HEADSTOCK/TAILSTOCK POSITIONERS

	HT-7.5 Plus (RD320C, 3:1)	HT-17 Plus (RV900C, 3:1)	HT-20 Plus (RD320E)
Maximum weight capacity	3,750-kilograms	6,800-kilograms	9,000-kilograms
Maximum tool length	3.0-meters	4.0-meters	4.0-meters
Maximum swing diameter	2.0-meters	2.5-meters	2.5-meters
Centerline height	1.0-meters to 1.5-meters	1.0-meters to 1.5-meters	1.0-meters to 2.0-meters
Servo motor size required	12Nm, straight shaft, 3000 rpm, brake	22Nm, straight shaft, 3000 rpm, brake	12Nm, straight shaft, 4000 rpm, brake
Allowable tool out of balance torque	1500Nm	2200Nm	3000Nm
180-degree index time	8.0-seconds	8.0-seconds	10.0-seconds
Tailstock bearing	Dual bearing standard	Dual bearing standard	Dual bearing standard
Weld ground	Rotary ground or through tailstock	Rotary ground	Rotary ground



8900 HARRISON ST., DAVENPORT, IA 52806
PHONE: 563.445.5600 FAX: 563.445.5699
WWW.GENESIS-SYSTEMS.COM