

FT Series

FLOOR TURNABLES



There are two basic types of Floor Turntables provided by Koike Aronson Inc. / Ransome. A free standing "A" frame and free standing column design are used depending on size and capacity.

Machine capacities of 2,500 Lbs. and less utilize the "A" frame design. The "A" frame type turntable has a hollow spindle and uses pre-loaded tapered roller bearings. The bearing housing and main support "A" frame house the motor and gear reducer below the table, with no protrusions to prevent interference or damage to parts or equipment.

Machine capacities of 6,000 Lbs. and more utilize the free standing column design. The column design floor turntable uses a large diameter slew ring bearing and center column for supporting the load. Table deflection is reduced, while direct drive to the gear teeth on the bearing reduces maintenance.

All Koike Aronson Inc. / Ransome floor turntables are variable speed rotation using variable frequency inverter drives for smooth acceleration and deceleration control. Koike Aronson, Inc. / Ransome rotation axis are repeatable within ± 0.005 Inches per Inch of radius, with a consistent load, speed and direction.

Capacities from 250 to 40,000 pounds

Features

- 360° powered rotation
- NEMA 12 Electricals
- Spur gear final drive on rotation axis
- Low voltage hand control pendants
- 50:1 Variable speed drives
- AC brake motors



Standard hand pendant provided with all models



Optional foot switch controls available



KOIKE ARONSON, INC. / RANSOME

Specifications

Floor Turntables

Model	FT250	FT500	FT1000	FT2500	FT6000	FT10000	FT20000	FT40000
Load Capacity	250 Lbs.	500 Lbs.	1,000 Lbs	2,500 Lbs.	6,000 Lbs	10,000 Lbs	20,000 Lbs	40,000 Lbs
Allowable load eccentricity	3"	6"	6"	6"	12"	12"	12"	12"
Rotation speed (RPM)	.07 - 3.7	.04 - 2.0	.04 - 2.0	.02 - 1.0	.02 - 1.0	.02 - 1.0	.02 - 1.0	0.1 - 0.5
Motor (HP)	1/4HP	1/4HP	1/2HP	3/4HP	3/4HP	3/4HP	1HP	1HP
Height from floor	14"	24"	24"	24"	24"	24"	24"	28"
Rotation bearing type	Timken w/spindle	Timken w/spindle	Timken w/spindle	Timken w/spindle	Slew Ring	Slew Ring	Slew Ring	Slew Ring
Ground current (Amps)	1,500	1,500	1,500	2,000	2,000	2,000	2,000	2,000
Table Size	16" Dia. Machined	30" Dia. Machined	30" Dia. Machined	42" Dia. Machined	60" Dia.	60" Dia	60" Dia	72" Dia
Table Thickness	3/8"	5/8"	5/8"	5/8"	3/4"	3/4"	1"	1"

***All dimensions are for reference only and subject to change without notice.

