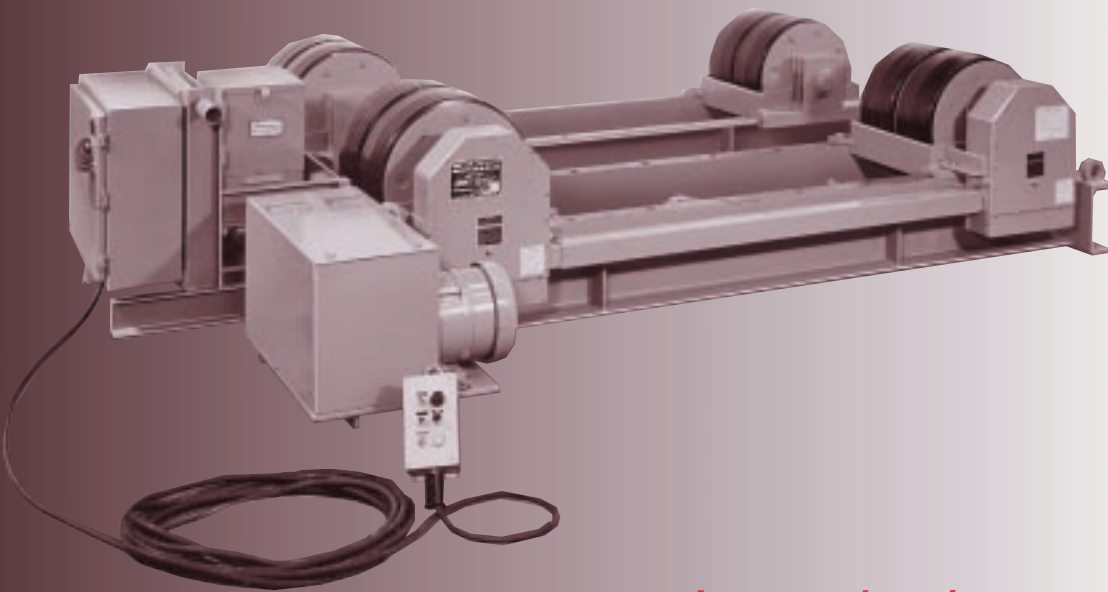
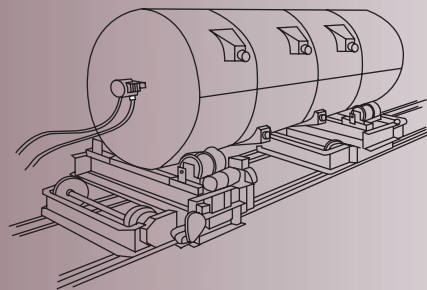

TURNING ROLLS



High Performance Turning Rolls



*A comprehensive range
of sizes and styles*



KOIKE ARONSON, INC.

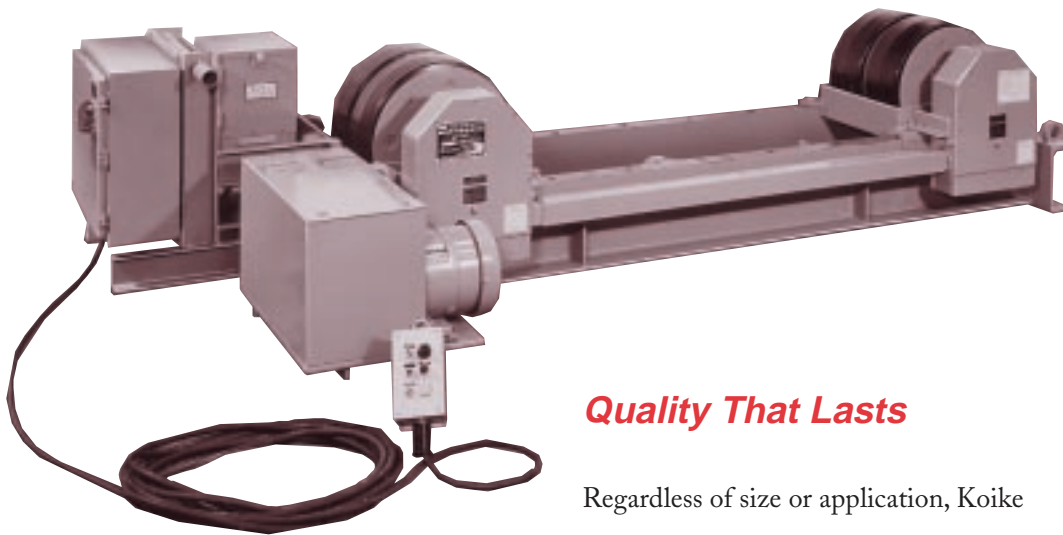


TURNING ROLLS



Koike Aronson Overload Disks

High Performance Turning Rolls



Features

- Koike Aronson Overload Disks, prevent even 200% loads from rupturing tires.
 - Accurately designed and proven to prevent tires from bulging over disks and shearing material from sides.
 - Disks do not contact loads that are within rated capacity.
- Tie-Rod Axles provide bend-proof use as large in diameter as the OD of the tire's steel rim. Guarantees perfect backlash-free gear mesh.
- All-steel, Timken Pillow Blocks, built expressly for Turning Rolls, have shock-load capacity *many times* the load rating.
 - Side-thrust capacity is equal to radial load capacity.
 - Lubricated for life.
- All-Steel Gearcase Final Drive is totally enclosed and lifetime lubricated. Self-locking aluminum-bronze Final Drive Wormgears are heat treated to 90,000 psi.
- Frame is supported at end cross-members for distortion-free use.
 - Precision center-distance settings assure alignment with minimum end-creep.
 - 3"x2" solid steel ways on Models sized 160 tons and over are so accurate they have been used as a lathe for machining.

Quality That Lasts

Regardless of size or application, Koike Aronson Turning Rolls are produced using proven design principles which results in reliable products that are built to last.

Offering the widest range of styles and capacities in the world, with many options available to customize your application, Koike Aronson Turning Rolls ensure continuous production with dependable performance.

Given Koike Aronson's commitment to engineering excellence, you can be assured of the highest quality features designed to meet your needs for high performance turning — over the long run.



Tie-Rod Axles guarantee perfect backlash-free gear mesh.



All-Steel Gearcase Final Drive is completely enclosed with lifetime lubrication.

Built-In Quality and Reliability— Over the Long Run

Benefits

We know the importance of minimizing downtime and improving production. That's why having the right turning equipment with the right features is so critical to staying online. Koike Aronson has the solution with features designed to keep production up and profits rolling in.

- SCR Electronic DC Drives are standard in Koike Aronson Turning Rolls. The solid-state silicon-controlled rectifier DC drive has no thyatron tubes to heat and deteriorate with age. Standard 30:1 range.
- Speed is held to 2% of set speed with IR compensation circuit. Reset accuracy is even closer with the Remote Potentiometer.
- Extra horsepower and tractive pull handles the eccentric load jobs and pull lap-seams and irregularities with no stalling or slow-down.
- Dynamic braking brings loads to quick, precise, smooth stops.
- Rapid Reverse as maximum top speed is instantly available. The weld speed set on the potentiometer is not disturbed.

Fully Equipped to Meet Your Needs

Our engineers are on call to help select the optimum solution from our wide range of styles and sizes of quality Koike Aronson Turning Rolls. Occasionally the need arises where special additions or modifications to a standard production model is desirable. Our experienced engineering staff is available to ensure you of the most reliable roll that fits your need exactly.

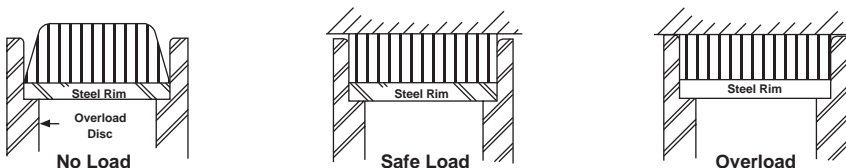
Options



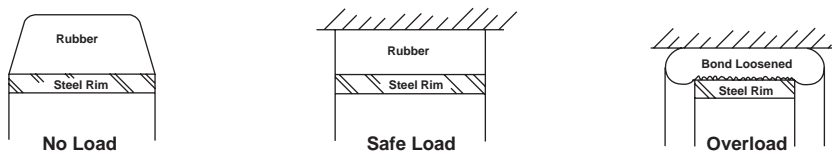
NEMA-12 Dust Tight Electricals.

- Foot Power Control (FPC)
For-Stop-Rev foot switch in place of, or in addition to, the remote pushbutton pendant.
- Foot Speed Control (FSC)
Foot operated spring-return-to-stop accelerator in a 20' remote foot switch that bypasses the potentiometer in the standard control. Allows varied speed during welding. For irregular-gap welds.
- Tachometer (TVD)
Electric tachometer generator and indicator on remote cable. 4-Digit 5/8" LED display in Inches-Per-MInute. All speeds accurate to 2%.
- Backlash Control (BC)
Axle at motor end of Driver has wormgear final drive both ends and wormshafts joined through spur transfer gear with Taper-Lock Hubs. Can be adjusted for Zero Backlash.
- Dual Common Driveshaft (DCD)
Eliminates need of changing torque tubes for different C-D. Large Hex driveshaft and chain torque transfer avoids shafts passing through gearboxes and eliminates keyways that cause trouble.
- Constant Centerline (CCL)
Changes C-D settings equally from both ends, keeping any size vessel always on center of roll frame.

Koike Aronson Turning Rolls



Ordinary Turning Rolls



Specifications

The standard line of Koike Aronson Turning Rolls represent the widest range of sizes, capacities, and styles in the world. The Comprehensive Load and Specification table below will quickly indicate the dimensions and capacities of each model.

Comprehensive Load Capacity and Specifications														
Driver & Idler Type	Pipe Rolls	Unit Frame	Tilting Turning Rolls	Trac Tred	Load Carrying Capacity				Tractive Pull Lbs @ Wheel OD	HP	Speed Range IPM	Wheels Size	Kind	Standard Diameter Range
					Per Unit Lbs	1 Idler Tons	2 Idlers Tons	3 Idlers Tons						
—	PRD3	—	—	—	3,000	3	4 1/2	—	1,200	1/3	40-1.4	12x3 1/2	Rubber	3 1/2"-40"
—	—	—	WRU3PT	—	3,000	—	—	—	1,200	1/2	48-1.6	12x4	R or S	6"-54"
—	WPR5	—	—	—	5,000	—	—	—	1,200	1/3	50-2	12x4	R or S	3"-72"
—	WPR4WD	—	—	—	5,000	—	—	—	1,800	1/2	50-2	12x4	R or S	3"-72"
—	—	WRU5	—	—	5,000	—	—	—	1,800	3/4	50-2	12x4	R or S	3"-72"
—	—	—	WRU5PT	—	5,000	—	—	—	1,800	3/4	50-2	12x4	R or S	3"-72"
WRD5	—	—	—	—	5,000	5	7 1/2	7 1/2	1,200	1/2	50-2	12x4	Rubber	6"-13'
—	—	—	—	T1D	6,000	6	9	9	1,100	3/4	80-3	—	TracTred	3'-16'
—	—	WRU10	—	—	10,000	—	—	—	1,800	3/4	50-2	12x4	R or S	3"-72"
—	—	—	WRU10PT	—	10,000	—	—	—	1,800	3/4	50-2	12x4	R or S	15"-72"
WRD10	—	—	—	—	10,000	10	15	15	1,800	3/4	50-2	12x4 1/2	Rubber	6"-13'
WSD10	—	—	—	—	10,000	10	15	15	1,800	3/4	50-2	12	Steel	6"-13'
—	—	—	—	T2D	12,000	12	18	18	1,100	3/4	80-3	—	TracTred	3'-16'
WRD15	—	—	—	—	15,000	15	20	20	2,400	1	50-2	12x4	Rubber	6"-13'
—	—	—	—	T3D	18,000	18	27	27	2,000	1 1/2	74-2.5	—	TracTred	4'-16'
—	—	WRU20	—	—	20,000	—	—	—	1,800	3/4	50-2	12x4	R or S	3"-72"
—	—	—	WRU20PT	—	20,000	—	—	—	1,800	3/4	50-2	12x4	R or S	15"-72"
WRD20	—	—	—	—	20,000	20	30	30	3,000	1 1/2	50-2	12x4	Rubber	6"-13'
WSD20	—	—	—	—	20,000	20	30	30	3,000	1 1/2	50-2	12	Steel	6'-13'
—	—	WRU30	—	—	30,000	—	—	—	3,000	1 1/2	50-2	16x4	R or S	4"-13'
—	—	—	WRU30PT	—	30,000	—	—	—	3,000	1 1/2	50-2	16x4	R or S	4'-13'
WRD30	—	—	—	—	30,000	30	45	—	6,000	2	40-1.4	20x6	Rubber	8"-18'
WRD40	—	—	—	—	40,000	40	60	—	6,000	2	40-1.4	20x8	Rubber	8"-18'
WSD40	—	—	—	—	40,000	40	60	—	6,000	2	40-1.4	20	Steel	8"-18'
WRD60	—	—	—	—	60,000	60	90	—	9,000	3	40-1.4	20x6	Rubber	8"-18'
WSD60	—	—	—	—	60,000	60	90	—	9,000	3	40-1.4	20	Steel	8"-18'
WRD80	—	—	—	—	80,000	80	120	—	10,000	3	35-1.2	20x8	Rubber	8"-18'
WSD80	—	—	—	—	80,000	80	120	—	10,000	3	35-1.2	20	Steel	8"-18'
WRD90	—	—	—	—	90,000	90	135	—	10,000	3	35-1.2	20x6	Rubber	8"-18'
WSD90	—	—	—	—	90,000	90	135	—	10,000	3	35-1.2	20	Steel	8"-18'
WRD120	—	—	—	—	120,000	120	160	—	16,000	5	35-1.2	20x8	Rubber	8"-18'
WSD120	—	—	—	—	120,000	120	160	—	16,000	5	35-1.2	20	Steel	8"-18'
WRD160	—	—	—	—	160,000	160	180	—	16,000	5	35-1.2	20x8	Urethane	8"-18'
WSD160	—	—	—	—	160,000	160	180	—	16,000	5	35-1.2	20	Steel	8"-18'
WRD200	—	—	—	—	200,000	200	200	—	16,000	5	35-1.2	20x8	Urethane	8"-18'
WSD200	—	—	—	—	200,000	200	200	—	16,000	5	35-1.2	20	Steel	8"-18'
WSD300	—	—	—	—	300,000	300	—	—	25,000	10	48-8	28	Steel	2'-20'
WSD400	—	—	—	—	400,000	400	—	—	38,000	15	48-8	28	Steel	2'-20'
WSD600	—	—	—	—	600,000	600	—	—	38,000	15	48-8	30	Steel	3'-16'
WSD800	—	—	—	—	800,000	800	—	—	50,000	20	48-8	30	Steel	5'-25'
WSD800HT	—	—	—	—	800,000	800	—	—	62,500	25	48-8	30	Steel	5'-20'
WSD800TD	—	—	—	—	800,000	800	—	—	75,000	30	48-8	30	Steel	5'-20'
WSDRW1200	—	—	—	—	600 Tons	1200	—	—	120,000	40	40-.6	55	Steel	2'-36'

Sold By:



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