



ROTO TECH

PRECISION ROTARY SOLUTIONS

Roto Grind RIGIDLY PRECISE Rotary Grinding Tables

Engineered for superior precision and challenging substrates

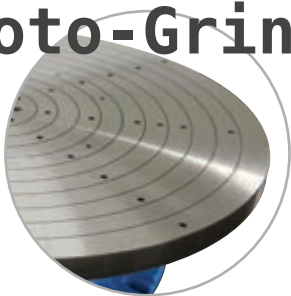
360° of Precision Rotary Grinding Solutions.

We manufacture Roto-Grind, the premiere Rotary Grinding Table. Roto-Grind has been manufactured in the USA since 1958 and is the preferred brand for high-tech, ultra-precise, hard material industries.

In addition to our standard stock units, we can custom design, engineer and build integrated grinding systems into your existing production processes.

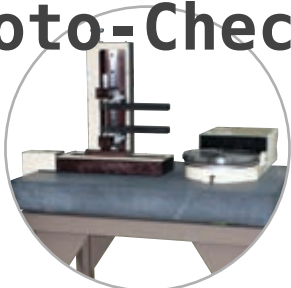


Roto-Grind • Precision Rotary Grinding Tables



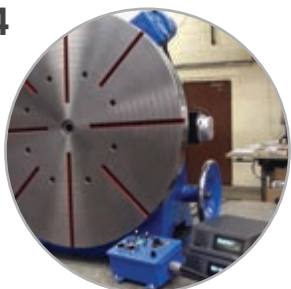
Roto-Grind Rotary Grinding Tables are the preferred brand for the high-tech, ultra-precise manufacturing processes required in aeronautics, electronics and computer component industries.

Roto-Check • Specialty Inspection Systems



A specialty inspection system built with the Roto-Grind Precision Rotary Grinding Table for specialized inspection of components or assemblies like brake rotors.

R⁴



• Rebuild • Retrofit • Recondition • Repair

With nearly a half century of precision rotary grinding experience, bring Roto Tech any make or model of rotary grinding table to upgrade to better-than-new condition.

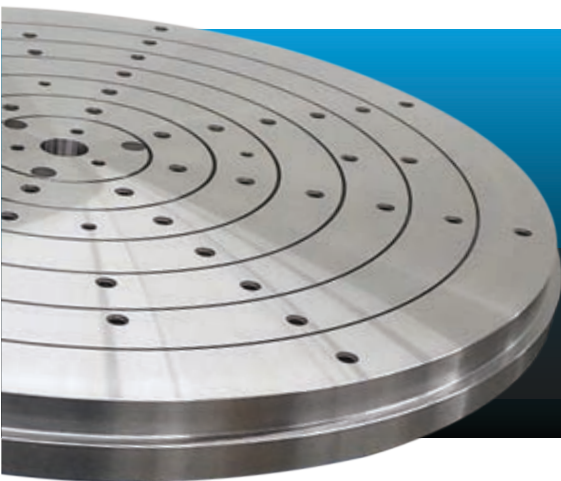


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Roto Grind STANDARD

Engineered for superior precision and challenging substrates



715V
Roto-Grind
STANDARD



307V
Roto-Grind
STANDARD



Visit the Roto-Grind
[STANDARD website](http://www.rototechinc.com)
page for more
information

Use your **STANDARD** Roto-Grind model to add versatility and enhance many CNC machines, including:

- Surface Grinders
- Vertical Machining Centers
- Jig Grinders
- EDM Machines

Achieve truer precision for these processes:

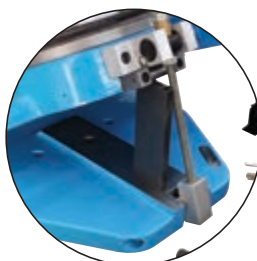
- OD - Outside Diameter Grinding
- Rotary Surface Grinding
- Lapping
- ID - Inside Diameter Grinding
- Cylindrical Grinding
- Tool Grinding

Available Options

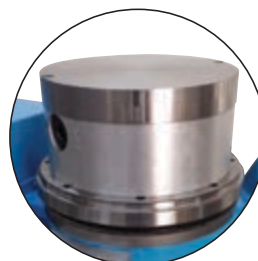
Air Purge	Sine Plate 0-45°
Air Bearings	Magnetic Chuck
Variable Speed Ranges	Heavy Duty Motor
24 Index Manual Shot Pin	Special Request Features



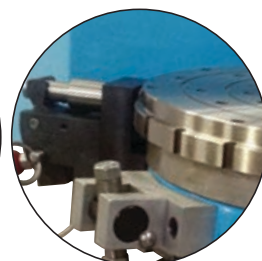
Motor
Controller



0-45° Sine
Plate Option

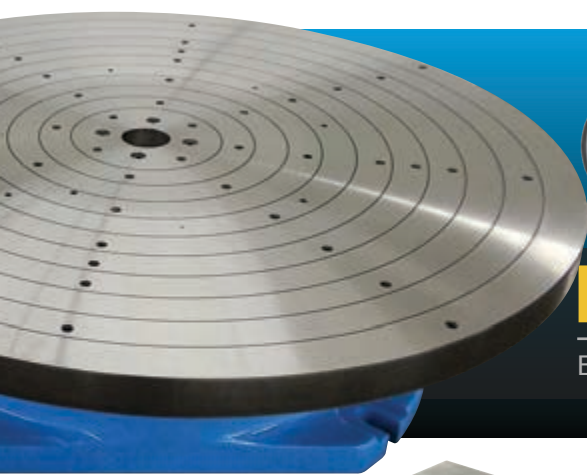


Magnetic
Chuck Option



24 Index
Manual Shot
Pin Option

MODEL	TABLE DIAMETER		TABLE HEIGHT		HOUSING LENGTH		RPM RANGE	ACCURACY	
	INCHES	MM	INCHES	MM	INCHES	MM		Concentricity	Table Top
307V	7.00	177.8	5.750	146.0	12.50	317.5	20-90	0.0001"	0.0001"
710V	10.00	254.0	5.750	146.0	13.50	343.0	10-60	0.0001"	0.0001"
712V	12.00	304.8	5.750	146.0	13.50	343.0	10-60	0.0001"	0.0001"
715V	15.00	381.0	6.000	152.4	13.50	343.0	0-35	0.0001"	0.0002"



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PRECISION ROTARY SOLUTIONS

Roto Grind HEAVY DUTY

Engineered for superior precision and challenging substrates



1012HD
Roto-Grind
HEAVY DUTY

The **HEAVY DUTY** Roto-Grind achieves the same ultra-precise results as the STANDARD model and engineered with added rigidity for very hard materials:

- Quartz
- Silicon Carbide
- Silicon
- Ceramics

Available Options

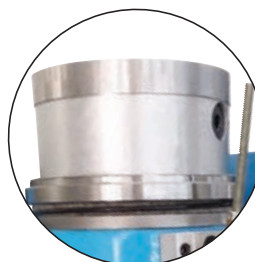
Air Purge	Motor & Drive Sizes
Air Bearings (for 710 models)	Magnetic Chuck
Variable Speed Ranges	Rotary Joint



Visit the Roto-Grind
[HEAVY DUTY website](https://www.rototechinc.com) for more information



Motor
Controller



Magnetic
Chuck Option



Air Bearings

MODEL	TABLE DIAMETER		TABLE		STANDARD	OPTIONAL	STANDARD	ACCURACY	
	INCHES	MM	INCHES	MM	Bearing/Seal	Motor Size	RPM Range	Concentricity	Table Top
HEAVY DUTY									
707-7	7.00	177.8	5.250	133.4	Roller/Felt	½ & ¾ HP	0-40	0.0001"	0.0001"
707-10	10.00	254.0	5.250	133.4	Roller/Felt	½ & ¾ HP	0-35	0.0001"	0.0001"
707-12	12.00	304.8	5.250	133.4	Roller/Felt	½ & ¾ HP	0-35	0.0001"	0.0001"
707-15	15.00	381.0	5.375	135.5	Roller/Felt	½ & ¾ HP	0-35	0.0001"	0.0002"
HEAVY DUTY AIR BEARING									
715-15	15.00	381.0	6.750	171.5	Air Bearing	¾ HP	0-35	0.0001"	0.0002"
715-18	18.00	457.0	7.000	177.8	Air Bearing	¾ HP	0-35	0.0001"	0.0002"
715-20	20.00	508.0	7.000	177.8	Air Bearing	¾ HP	0-35	0.0001"	0.0002"
715-22	22.00	558.0	7.250	184.2	Air Bearing	¾ HP	0-35	0.0001"	0.0002"
715-24	24.00	609.0	7.500	190.5	Air Bearing	¾ HP	3-35	0.0001"	0.0002"
HEAVY DUTY SPECIAL									
1012 HD	13.38	340.0	10.000	254.0	Duplex/Seal	Std 1 HP	10-175	0.0001"	0.0001"



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Roto Grind LOW BOY

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LB407V
Roto-Grind
LOW BOY

*Shown with Sine Plate
& Magnetic Chuck*

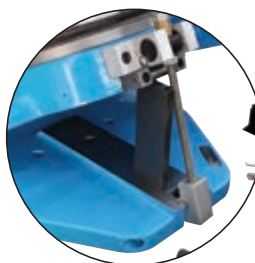
The **LOW BOY** Roto-Grind has all the quality craftsmanship of our STANDARD model but with a lower profile for low-clearance grinding applications

Available Options

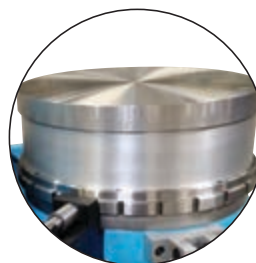
Air Purge	Sine Plate 0-45°
Air Bearings	Magnetic Chuck
Variable Speed Ranges	Special Request Features
24 Index Manual Shot Pin	Heavy Duty Motor
Rotary Joint	USA Craftsmanship



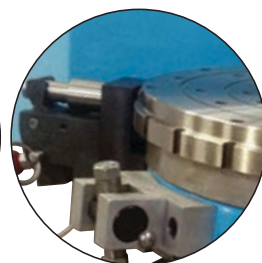
Visit the Roto-Grind
[LOW BOY website](#)
page for more
information



0-45° Sine
Plate Option



Magnetic
Chuck Option



24 Index
Manual Shot
Pin Option

MODEL	TABLE DIAMETER		TABLE HEIGHT		HOUSING LENGTH		RPM RANGE	ACCURACY	
	INCHES	MM	INCHES	MM	INCHES	MM		Concentricity	Table Top
LB407V	7.00	177.8	3.200	81.3	19.00	483.0	20-90	0.0001"	0.0001"
LB410V	10.00	254.0	3.200	81.3	22.00	559.0	10-60	0.0001"	0.0001"
LB412V	12.00	304.8	3.200	81.3	22.00	559.0	10-60	0.0001"	0.0001"
LB415V	15.00	381.0	3.400	86.4	22.00	559.0	0-35	0.0001"	0.0002"

