

SHINANO^{INC}

INDUSTRIAL TOOLS

The new standard in
pneumatic industrial tools.



SHINANO^{INC}
Quality Japanese Air Tools

Industrial Die Grinders

Rubberised Extension Tube

All LL series extended die grinders feature a rubberised section of the extension tube which provides extra grip and protection against scuffing of the work piece.



Model# SI-SG20E-6LL



Model# SI-SG20E-6L



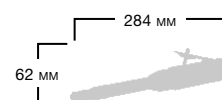
Model# SI-AG20E-6L

Industrial Extended Mini Die Grinder

Model# SI-SG20E-6LL

Collet/Spindle Size: 1/4"	Noise Level: 77.5 DBA (88.5 Pwr)
Free Speed: 28,000 RPM	Vibration: A: 3.2 M/S ²
Weight: 0.68 Kg	K: 0.81 M/S ²
Output: 180 Watts	Av Air Cons.: 2.5 CFM
	Max Air Cons.: 14.47 CFM

- Compact extended die grinder designed for heavy duty applications
- High Spec 1/4" collet ideal for large diameter or extended burrs
- Polymer body cover for increased vibration absorption
- 50 cm Silencer Hose and 1.35 m extended air line for reduced noise levels.
- Lever throttle with safety lock



Industrial Mini Die Grinder

Model# SI-SG20E-6L

Collet/Spindle Size: 1/4"	Noise Level: 75 DBA (86 Pwr)
Free Speed: 28,000 RPM	Vibration: A: 2.81 M/S ²
Weight: 0.38 Kg	K: 0.77 M/S ²
Output: 180 Watts	Av Air Cons.: 2.5 CFM
	Max Air Cons.: 14.47 CFM

- Compact size die grinder designed for heavy duty applications
- High Spec 1/4" collet ideal for large diameter or extended burrs
- Polymer body cover for increased vibration absorption
- 50 cm Silencer Hose and 1.35 m extended air line for reduced noise levels.
- Lever throttle with safety lock

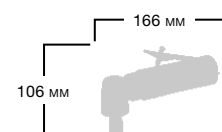


Industrial Mini Angle Die Grinder

Model# SI-AG20E-6L

Collet/Spindle Size: 1/4"	Noise Level: 75.5 DBA (86.5 Pwr)
Free Speed: 20,000 RPM	Vibration: A: 2.74 M/S ²
Weight: 0.57 Kg	K: 0.77 M/S ²
Output: 200 Watts	Av Air Cons.: 2.5 CFM
	Max Air Cons.: 14.47 CFM

- High durability nickel-chrom-moly gears
- Designed for heavy duty applications
- High Spec 1/4" collet ideal for large diameter or extended burrs
- 50 cm Silencer Hose and 1.35 m extended air line for reduced noise levels that also directs exhaust air away from the work piece.
- Lever throttle with safety lock



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High Spec Collet

Conventional die grinder collets grip the burr in only one location leaving it susceptible to the effects of "Centre Runout" vibration.

The High Spec Collet utilizes its entire length to grip the burr shank, aligning it with the centre of rotation. This reduces vibration which in turn improves control and comfort for the operator and extends the service life of the burr. This is particularly useful when using extended or oversize burrs.



Silencer Hose

In addition to significantly reduced noise levels, the 50 cm silencer hose will also ensure that moisture and oil that may be present in exhaust air are directed away from the work area.



High Precision Bearings & Gears

The Shinano Industrial range has been designed with new high tolerance bearings offering low noise and vibration levels and superior performance at high speeds.

Precisely ground transmission gears are made from high grade nickel-chromium molybdenum steel with a specialised hardening process.

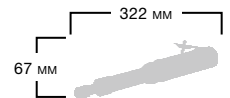
These high quality specifications allow for a more compact design while maintaining heavy duty performance.

Industrial Extended Die Grinder

Model# SI-SG60E-6LL

Collet/Spindle Size: 1/4"	Noise Level: 80.5 DBA (91.5 Pwr)
Free Speed: 25,000 RPM	Vibration: A: 4.28 M/S ²
Weight: 1.19 Kg	K: 0.92 M/S ²
Output: 650 Watts	Av Air Cons.: 4.9 CFM
	Max Air Cons.: 29.3 CFM

- High Spec 1/4" collet ideal for large diameter or extended burrs
- Designed for heavy duty deep hole applications
- Oversized motor for higher power
- 50 cm Silencer Hose and 1.35 m extended air line for reduced noise levels.
- Lever throttle with safety lock

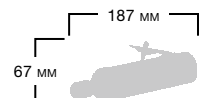


Industrial Die Grinder

Model# SI-SG60E-6L

Collet/Spindle Size: 1/4"	Noise Level: 81.5 DBA (92.5 Pwr)
Free Speed: 25,000 RPM	Vibration: A: 3.93 M/S ²
Weight: 0.71 Kg	K: 0.88 M/S ²
Output: 650 Watts	Av Air Cons.: 4.9 CFM
	Max Air Cons.: 29.3 CFM

- High Spec 1/4" collet ideal for large diameter or extended burrs
- Designed for heavy duty applications
- Oversized motor for higher power
- 50 cm Silencer Hose and 1.35 m extended air line for reduced noise levels.
- Lever throttle with safety lock



Industrial Die Grinders



Model# SI-AG2-C2P

Spindle Lock

Spindle lock button for quick and easy burr replacement.

High Precision Bearings & Gears

The Shinano Industrial range has been designed with new high tolerance bearings offering low noise and vibration levels and superior performance at high speeds.

Precisely ground transmission gears are made from high grade nickel-chromium molybdenum steel with a specialised hardening process.

These high quality specifications allow for a more compact design while maintaining heavy duty performance.



Model# SI-SG3-CL

Slimline Shaft

The mid-mounted bearing assembly and extended drive shaft design allows access to confined areas where heavy duty cutting power is needed.

High Spec Lubricants

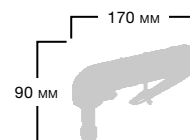
High Performance Moly-grease (EP 3%) provides excellent thermal stability and low frictional drag under constant high loads. The new lubricant provides superior protection against wear, as well as corrosion resistance, even when exposed to high levels of water vapor from air supply or the working environment.

Industrial Angle Die Grinder

Model# SI-AG2-C2P

Collet/Spindle Size:	1/4"	Noise Level:	84 DBA (95 Pwr)
Free Speed:	15,000 RPM	Vibration:	A: 7.97 M/S ²
Weight:	0.64 Kg		K: 1.28 M/S ²
Output:	240 Watts	Av Air Cons.:	3.1 CFM
		Max Air Cons.:	18.37 CFM

- 1/4" Angle Die Grinder with safety lever throttle
- Designed for heavy duty applications
- Lever throttle with safety lock
- Spindle lock button for easy burr replacement

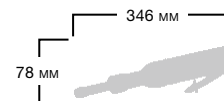


Industrial Straight Die Grinder

Model# SI-SG3-CL

Collet/Spindle Size:	1/4"	Noise Level:	83.5 DBA (94.5 Pwr)
Free Speed:	14,000 RPM	Vibration:	A: 2.86 M/S ²
Weight:	1.53 Kg		K: 0.78 M/S ²
Output:	520 Watts	Av Air Cons.:	2.2 CFM
		Max Air Cons.:	13.0 CFM

- 1/4" Straight Die Grinder with safety lever throttle
- Front exhaust port to clear swarf from work area
- Designed for heavy duty applications
- Oversized motor for higher power
- Lever throttle with safety lock



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Industrial Edge Cutter

The Shinano carbide tipped edge cutter is a superior edge finishing solution when compared to conventional edge grinding methods. It can quickly and easily machine consistent beveled or radiused edges that meet and exceed the IMO's PSPC regulations for surface preparation and is suitable for use on aluminium, structural grade steel and most types of stainless steel.



32 mm guide roller for easy and precise operation

The router head features three cutting tips for high stock removal. Each tip gives 8 cutting edges offering a long and economical service life.

Replaceable 150 mm high-grade steel Base Plate



Model# SI-4010L

High Precision Bearings

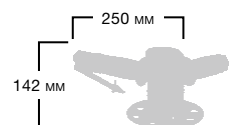
The Shinano Industrial range has been designed with new high tolerance bearings offering low noise and vibration levels and superior performance at high speeds.

Industrial Edge Cutter

Model# SI-4010L

Free Speed:	10,000 RPM	Noise Level:	87.8 DBA (101.4 Pwr)
Min. Corner Radius:	17 mm	Vibration:	A: 2.19 M/S ²
Max. Depth:	10 mm		K: 0.96 Pwr
Weight:	3.36 Kg	Av Air Cons.:	5.7 CFM
Output:	900 Watts	Max Air Cons.:	33.9 CFM

- Carbide tipped router ideal for machining PSPC compliant beveled or radiused edges
- 32 mm guide roller for easy and precise operation
- Replaceable 150 mm Base Plate
- Side handle exhaust
- Suited to welding preparation or general edge finishing
- Each of the three carbide tips feature 8 cutting edges, offering long service life



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Industrial Angle Grinders

Adjustable Silencer

The 4", 5" & 7" Industrial Angle Grinders feature front mounted 360 degree adjustable silencers. This enables directional control of exhaust air.

Model# SI-AG4-A2L



Spindle Lock

The 2", 4", 5" & 7" Industrial Angle Grinders feature a Spindle lock button for quick and easy grinding disc replacement.

Model# SI-AG2-U2P



High Spec Lubricants

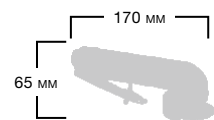
High Performance Moly-grease (EP 3%) provides excellent thermal stability and low frictional drag under constant high loads. The new lubricant provides superior protection against wear, as well as corrosion resistance, even when exposed to high levels of water vapor from air supply or the working environment.

Industrial 2" Angle Grinder

Model# SI-AG2-U2P

Disc Size:	50 MM	Noise Level:	83 DBA (95 Pwr)
Spindle Size:	9.5 x 1.4" 28 UNF	Vibration:	A: 7.97 M/S ²
Free Speed:	15,000 RPM		K: 1.28 M/S ²
Weight:	0.64 Kg	Av Air Cons.:	3.1 CFM
Output:	240 Watts	Max Air Cons.:	18.4 CFM

- 2" Disc grinder with safety lever throttle
- Spindle lock button for easy grinding disc replacement
- Slimline gearbox for increased user visibility
- Uses 2" Abrasive Pads and Grinding Discs
- Includes three 50 MM Abrasive Pads, Backing Pad and Grinding Disc



Industrial 4" Angle Grinder

Model# SI-AG4-A2L

Disc Size:	100 MM	Noise Level:	84 DBA (95 Pwr)
Spindle Size:	5/8" x M8/1.25 MM	Vibration:	A: 5.54 M/S ²
Free Speed:	13,500 RPM		K: 4.51 M/S ²
Weight:	1.89 Kg	Av Air Cons.:	3.2 CFM
Output:	600 Watts	Max Air Cons.:	19 CFM

- 4" Disc grinder with safety lever throttle
- 360 degree adjustable silencer
- Spindle lock button for easy grinding disc replacement
- High quality nickel-chromium molybdenum steel gears with specialised hardening process for outstanding service life
- Slimline gearbox for increased user visibility
- Speed governed for optimal disc RPM



Low Profile Gearbox

Low Profile gearbox greatly increases the operators view of the work area.



Model# SI-AG5-E3L

Governed Motor

Speed governed motor delivers both higher torque levels and optimal disc RPM for optimum grinding performance.



Model# SI-AG7-E5L

High Precision Bearings & Gears

The Shinano Industrial range has been designed with new high tolerance bearings offering low noise and vibration levels and superior performance at high speeds.

Precisely ground transmission gears are made from high grade nickel-chromium molybdenum steel with a specialised hardening process.

These high quality specifications allow for a more compact design while maintaining heavy duty performance.

Industrial 5" Angle Grinder

Model# SI-AG5-E3L

Disc Size:	125 MM	Noise Level:	85.5 DBA (96.5 Pwr)
Spindle Size:	22 x M14 2 MM	Vibration:	A: 2.49 M/S ² K: 6.22 M/S ²
Free Speed:	12,000 RPM		
Weight:	2.08 Kg	Av Air Cons.:	5.2 CFM
Output:	800 Watts	Max Air Cons.:	31.1 CFM

- 5" Disc grinder with safety lever throttle
- 360 degree adjustable silencer
- Spindle lock button for easy grinding disc replacement
- High quality nickel-chromium molybdenum steel gears with specialised hardening process for outstanding service life
- Slimline gearbox for increased user visibility
- Speed governed for optimal disc RPM



Industrial 7" Angle Grinder

Model# SI-AG7-E5L

Disc Size:	180 MM	Noise Level:	84.5 DBA (95.5 Pwr)
Spindle Size:	22 x 5/8" 11 UNC	Vibration:	A: 6.65 M/S ² K: 2.14 M/S ²
Free Speed:	7,600 RPM		
Weight:	3.3 Kg	Av Air Cons.:	3.1 CFM
Output:	1000 Watts	Max Air Cons.:	18 CFM

- 7" Disc grinder with safety lever throttle
- 360 degree adjustable silencer
- Spindle lock button for easy grinding disc replacement
- High quality nickel-chromium molybdenum steel gears with specialised hardening process for outstanding service life
- Slimline gearbox for increased user visibility
- Speed governed for optimal disc RPM



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 **Gamer**