

Prices as of 18/6/2015 Subject to change without notice.

Noob Grinders

Designed around the needs of the home hobbyist knifemaker, this grinder has applications across a far greater market. Available in a variety of packages to suit your individual needs, application and budget. Capable of running contact wheels from 1/4" to 10" mounted on quick change tooling mounts. This grinder is ideally suited to anyone who wants a head start into knife-making. In the manufacture of the Noob Grinder every possible cost has been reduced, whilst every effort made to maximize the usability and versatility of this fantastic machine. The grinders are supplied unpainted, and some basic assembly is required. For budget models, an electrician is required to provide and install switches and wiring.

Specifications

Belt size 2 x 48" , 50 x 1220mm

Recommended Motor RPM: 2800

Recommended Motor size 1HP

Drive Shaft Size: 19mm

Motor Frame: D80

Drive wheel size: 100mm

Belt tension: Gas Strut

Tracking: Screw adjustment

Standard Accessories

Tooling arm with four way universal Platen and contact wheel attachment. Allows easy conversion between Flat Platen, 2" Contact wheels, 3" contact wheels and slack belt

Basic Toolrest

Optional Accessories

Double wheel small wheel attachments, allowing the use of two small wheels in one simple unit. Small Wheels available up to 45mm

Large wheel mounting arm. Large wheels available up to 250mm

Universal tool rest for use with all attachments.

Pedestal Mount Plinth with tilt mechanism allowing horizontal operation.

Surface Grinder Attachment.



Noob Grinder Packages



<u>Part Number</u>	<u>Description</u>	<u>Price including GST</u>
NOOB1	Basic Noob Grinder including all contact wheels and Front 4 position platen . The Grinder comes with a basic toolrest, but no motor. Bench Mount	\$760.00
NOOB1BK	Basic Noob Grinder including all contact wheels and Front 4 position platen . The Grinder comes with a basic toolrest, and fixed speed motor. 1 Horse Power At this stage this grinder is provided as a kit and an electrician is required to wire and fit and install a suitable switch. Soon to be available wired to plug and play. Price will vary accordingly. Mounting Pedestal not included. (Bench mount)	\$970.00
NOOB1VS	Knifemakers know that variable speed, makes a grinder, and the Noob Grinder with Variable speed is the recommended knifemaking choice. This kit includes the basic Noob Grinder including all wheels and Front 4 position platen . The Grinder comes with a basic toolrest, and variable speed motor. 1 Horse Power. At this stage this grinder is provided as a kit and an electrician is required to wire however all wiring is provided. Mounting Pedestal not included. (Bench mount).	\$1475.00
NOOB1.5VS	UPGRADE TO NOOB1VS to 1.5Horse Power Motor and VFD (capable of running motors up to 3 Horse Power)	\$1595.00
NOOB1DEL	The Deluxe Kit. Includes: Noob Grinder 1HP Variable speed Motor 1HP IP65 rated VFD (Variable speed control) Wiring Harness, ready to connect. Mounting Pedestal for horizontal and vertical operation. Universal Tool Rest, for horizontal and vertical operation. Small wheel attachment complete with 3/4" (20mm) and 1" (25mm) Contact Wheels.	\$1999.00
NOOB1.5DEL	UPGRADE the NOOB1DEL Kit to 1.5Horse Power Motor and VFD (capable of running motors up to 3 Horse Power)	\$2119.00

Noob Grinder Power

	<u>Part Number</u>	<u>Description</u>	<u>Price including GST</u>
	NOOB-1HP	1hp 240 volt, fixed speed motor to suit Noob Grinder	\$211.00
	NOOB-WIRE	Wiring and switch kit for 1HP fixed speed motor	TBA
	NOOB-1HPVS	1HP variable speed motor only suitable for use with VFD speed control. (See Note)	\$164.75
	NOOB-1HPVFD	1HP VFD suitable for use with 1 HP Variable speed motor only (See Note)	\$487.90
	NOOB-1.5HPVS	1.5 HP variable speed motor only suitable for use with VFD speed control. (See Note)	\$176.00
	LBG-VFD	3 HP VFD suitable for use with 1.5-3 HP Variable speed motor only (See Note)	\$660.00
	NOOB-WIREVS	Wiring harness for Variable speed motors and VFDs	\$49.50

Note: Variable speed motors are three phase motors, The VFD converts your single phase power into 3 phases to control the speed of the motor. When used with a VFD you only need single phase power to run them. Unless you have 3 phase power you cannot run them without a VFD.

Noob Grinder Accessories

	<u>Part Number</u>	<u>Description</u>	<u>Price including GST</u>
	NOOB-P	Pedestal for floor mounting including flipping attachment, Primed for painting. With VFD mount.	\$220.00
	NOOB-UTR	Universal Tool Rest	\$215.00
	NOOB-SW2512	Small Wheel Attachment 1" (25mm) and 3/4"(20mm) Small wheels (Rotating)	\$159.00
	NOOB-SW2006	Small Wheel Attachment 1/2" (12.7mm) and 1/4" (6mm) Small wheels (Rotating) Should only be used on variable speed models at 50% or less speed.	\$159.00
	NOOB-TA	Noob Tooling Arm, Suit wheels to 10"	\$59.00
	WCW-5	5" (125mm) Contact Wheel	\$129.00
	WCW-8	8" (200mm) Contact Wheel	\$199.00
	WCW-10	10" (250mm) Contact Wheel	\$380.00

ABRASIVE BELT BUYERS GUIDE

Manufacturers Number	Colour	Manufacturer	Grain Type	Backing	Suitable for:	Notes
CN466X	Green	Hermes	Ceramic	Medium Flexibility	Hardened steel, most metals. Plastics and timber when the belt is new and sharp	Used for finishing applications, these belts have a limited amount of flexibility making them useful to finish curved and flat surfaces alike. Curved surfaces are finished with a slack belt, ie no backing behind the belt. These are available in 120 and 240 Grit.
CN466Z	Green	Hermes	Ceramic	Stiff	High Pressure grinding of steel and hardened steel. This belt loves rough grinding.	These are the premium grinding belt from Hermes, described by Chris Williams of Wilmont grinders as "two thirds as good as Norton Blaze, but at 1/2 the price." These have not been available in Australia for some time but have been released again by popular demand. Currently only in 50 Grit, we recommend you try this belt. It needs fast speeds for maximum life and performance.
CR456Z	Green	Hermes	Ceramic	Stiff	Flat Grinding metals	These belts are used for all general purpose metal grinding applications
CR456J	Green	Hermes	Ceramic	Highly Flexible	Grinding metals, curves and Radiuses	Great for work finishing stainless guards and grinding convex shapes. A great use of this belt is grinding perfect curved plunge lines by tracking over a radius edged platen.
RB406J	Blue	Hermes	Aluminium Oxide	Highly Flexible	Finishing curved surfaces in timber and soft metals	The Aluminium oxide grit works better for softer materials, the CR456J would be a better choice for steel

Manufacturers Number	Colour	Manufacturer	Grain Type	Backing	Suitable for:	Notes
RB4844Z	Blue	Hermes	Zirconia	Stiff	Grinding Handle materials, all kinds	These belts are sharper in nature than ceramic and work better for handle material work. They will normally last very well when used exclusively for this application
RB346 /377	Brown	Hermes	Aluminium Oxide	Stiff	Fine finishing of flat surfaces	The fine aluminium oxide grit works well on all materials including hardened steel
70150		Hermes	WEBRAX	Medium	Structured scratch patterns, rust removal	These belts are like a scouring pad for your grinder, they will leave reasonably consistent scratch pattern, a nice off the grinder finish on a working knife.
KORK		Hermes	Coated Cork	Medium	High level finishing of metals	Among the best belts available for finishing steel to a high level. Normally used with a lubricant like light oil, these belts rapidly blend away scratches.
R980 "Blaze"	Orange	Norton	Ceramic	Stiff	High Pressure Grinding	The premium belts for knifemaking applications. See also CN466Z by Hermes.
307EA "Trizact"	Silver	3M	Aluminium Oxide Structured Abrasive.	Flexible	Sharpening and finishing	Very consistent performance and long lasting belts for grits up to around 2000
3370EA "Gator"	Light Green	3m	Aluminium Oxide Structured Abrasive.	Flexible	Sharpening and finishing	Very consistent finish and long lasting belts in the medium grit range.

Part Number	Size	Grit Type	Grit	Backing	Price Per 1	Price Per 10+
48CN466X-120	2 x 48" (50 x 1220 mm)	Ceramic	120	X, Medium Flexibility	\$6.40	\$4.90
48CN466X-240	2 x 48" (50 x 1220 mm)	Ceramic	240	X, Medium Flexibility	\$6.40	\$4.90
48CN466Z-50	2 x 48" (50 x 1220 mm)	Ceramic	50	Z, Very Stiff	\$7.30	\$5.65
48CR456J-120	2 x 48" (50 x 1220 mm)	Ceramic	120	J, Highly Flexible	\$6.40	\$4.90
48CR456J-180	2 x 48" (50 x 1220 mm)	Ceramic	180	J, Highly Flexible	\$6.40	\$4.90
48CR456J-220	2 x 48" (50 x 1220 mm)	Ceramic	220	J, Highly Flexible	\$6.40	\$4.90
48CR456Z-36	2 x 48" (50 x 1220 mm)	Ceramic	36	Z, Very Stiff	\$8.00	\$6.20
48CR456Z-50	2 x 48" (50 x 1220 mm)	Ceramic	50	Z, Very Stiff	\$7.30	\$5.65
48CR456Z-60	2 x 48" (50 x 1220 mm)	Ceramic	60	Z, Very Stiff	\$7.30	\$5.65
48CR456Z-80	2 x 48" (50 x 1220 mm)	Ceramic	80	Z, Very Stiff	\$7.30	\$5.65
48CR456Z-120	2 x 48" (50 x 1220 mm)	Ceramic	120	Z, Very Stiff	\$7.30	\$5.65
48RB406J-120	2 x 48" (50 x 1220 mm)	Aluminium Oxide	120	J, Highly Flexible	\$4.30	\$3.35
48RB406J-240	2 x 48" (50 x 1220 mm)	Aluminium Oxide	240	J, Highly Flexible	\$4.30	\$3.35
48RB406J-400	2 x 48" (50 x 1220 mm)	Aluminium Oxide	400	J, Highly Flexible	\$4.30	\$3.35
48RB48444Z-50	2 x 48" (50 x 1220 mm)	Zirconia alumina	50	Z, Very Stiff	\$6.60	\$4.95
48RB48444Z-60	2 x 48" (50 x 1220 mm)	Zirconia alumina	60	Z, Very Stiff	\$6.60	\$4.95
48RB48444Z-100	2 x 48" (50 x 1220 mm)	Zirconia alumina	100	Z, Very Stiff	\$6.60	\$4.95
48RB48444Z-120	2 x 48" (50 x 1220 mm)	Zirconia alumina	120	Z, Very Stiff	\$6.60	\$4.95
4870150-280	2 x 48" (50 x 1220 mm)	WEBRAX	280	WEBRAX	\$15.50	\$15.50
48Kork -220	2 x 48" (50 x 1220 mm)	Kork/Silicum carbide	220	Special	\$8.50	\$8.50
48Kork -400	2 x 48" (50 x 1220 mm)	Kork/Silicum carbide	400	Special	\$8.50	\$8.50
48Kork -600	2 x 48" (50 x 1220 mm)	Kork/Silicum carbide	600	Special	\$8.50	\$8.50

Part Number	Size	Grit Type	Grit	Backing	Price Per
48R980-50	2 x 48" (50 x 1220 mm)	Blaze Ceramic	50	Very Stiff	\$12.97
48R980-120	2 x 48" (50 x 1220 mm)	Blaze Ceramic	120	Very Stiff	\$11.32
483370EA-A65CF	2 x 48" (50 x 1220 mm)	Trizact Gator	A65 (240)	Medium Flexibility	\$12.10
483370EA-A45CF	2 x 48" (50 x 1220 mm)	Trizact Gator	A45 (400)	Medium Flexibility	\$12.10
48237AA-A45	2 x 48" (50 x 1220 mm)	Trizact	A45 (400)	Stiff	\$11.50
48307EA-A30	2 x 48" (50 x 1220 mm)	Trizact	A30 (600)	Medium Flexibility	\$11.50
48237AA-A16	2 x 48" (50 x 1220 mm)	Trizact	A16 (1200)	Stiff	\$11.50
48307EA-A6	2 x 48" (50 x 1220 mm)	Trizact	A6 (2000)	Medium Flexibility	\$12.50

