Drill Bit Grinder model DBG-13A

1. Grinding is accurate and rapid, easy operation, with no skill requirement to grind easily.
2. Economical price that greatly reduces the cost and improves the use effect.
3. With diamond grinding wheel, it can be equipped directly with an accurate angle and long service life.
4. The electrically controlled and powerful DC motor: stable frequency, strong horsepower and long service life.
5. Bearing shaft and locking unit.
6. Independently researching and developing 13D can grind the drill bit front angle, back angle and front cutting lip(front angle), you also can control the centre spot at random instead of centre drill, escape of chips easily, drilling with a light heart.

Grinding range: φ3-φ14mm
Point angle: 90°-135°
Power: AC220V/180W
Speed: 5300RPM
Diamond grinding wheel: CBN or SDC
Standard 11 collets : φ3, φ4, φ5, φ6, φ7, φ8, φ9, φ10, φ11, φ12, φ13
Apolegamic collets: φ2.5, φ3.5, φ4.5, φ5.5, φ14
Standard accessory: 5 mm hex wrench
Dimension: 370×180×190mm
Net weight: 9.8kg
Gross weight: 10Kg
Drill Bit Grinder model : DBG-26A
1. Grinding is accurate and rapid, easy operation, with no skill requirement to grind easily.
2. Economical price that greatly reduces the cost and improves the use effect.
3. With diamond grinding wheel, it can be equipped directly with an accurate angle and long service life.
4. The electrically controlled and powerful DC motor: stable frequency, strong horsepower and long service life.
5. Bearing shaft and locking unit.
6. Independently researching and developing 26D can grind the drill bit front angle, back angle and front cutting lip(front angle), you also can control the centre spot at random instead of centre drill, escape of chips easily, drilling with a light heart.

Point angle: 90°-135°
Power: AC220V/180W
Diamond grinding wheel: CBN or SDC
Standard 11 collets: φ13, φ14, φ15, φ16, φ17, φ18, φ19, φ20, φ21, φ22, φ23, φ24, φ25, φ26
Apolegamic collets: φ8, φ9, φ10, φ11, φ12, φ27, φ28, φ29, φ30
Packing size: 460×240×220mm
weight: 27Kg
Drill Bit Grinder model: DBG-25A
It is used to grind twist drill, throng drill, thin wall drill, anomalous drill, Nizhifu drill, etc.
It has accurate, effective, reliable, long lasting and low-cost features.
It can be used for grinding other cutters or crafts by changing kinds of grinding wheels or dressed forms of grinding wheels.

Technical parameters:
Grinding range: φ0.5-φ25
Point angle: 30°-180°
Back angle: 0°-15°
Voltage: 380V 50HZ
Power: 250W
Speed: 2800r/min
Grinding wheel diameter: 125×φ20×32mm
Dimension: 380×380×360mm
Weight: 45KG
The Drill Bit Grinder Model DBG-60A can grind various kinds of drills, such as standard twist drill, bottoming drills, multiple diameter drills, 2-four fact drills, masonry drills, wood drills, end mills, spot facer, and all kinds of flank, rake face, chisel edge and chamfering of point angle drills.

Technical parameters:
Grinding range: φ3-φ60mm
Point angle: 30°-180°
Back angle: 0°-15°
Voltage: 220V 50HZ
Power: 550W
Rotation rate: 280r/min
Grinding wheel diameter: φ200mm
Dimension: 580×410×450mm
Weight: 145KG
1. **Universal Tool Grinder model UTG-M3** is able to grind many kinds of cutters, such as tipped tool, boring cutter, plough cutter, milling cutter, and so on. With high precision and easy operation, it is a prefect grinding tool instead of hand grinding.

2. Worktable uses high precision straight line rolling guide rails, good back and forth movement, high stability, steady bed platform, dexterous operation.

3. Adopting cast iron FC30 with high strength can maintain mechanical precision for a long time.

**Technical parameters:**

- The range of cutter height: 5-30 mm
- The cutter point’s arc: r0.4-10 mm
- The cutter’s rake and clearance angle: 0°-20°
- The cutter point’s angle: 35°≤a≤180°
- Motor: 380V 50HZ 250W
- The rotating speed of grinding wheel: 2800 circles/minute
- Grinding wheel: φ125×32×φ32
- Shape: 440×340×440mm
- N/W: 75KG
- G/W: 80KG
Universal Lathe Cutter Grinder Model ULCG-80C is able to grind many kinds of cutters, such as tipped tool, boring cutter, plough cutter, milling cutter, and so on. With high precision and easy operation, it is a prefect grinding tool instead of hand grinding.

**Technical parameters:**

- The range of cutter height: 5-30 mm
- The cutter point’s arc: r0.4-10 mm
- The cutter’s rake and clearance angle: 0°-20°
- The cutter point’s angle: 35°≤a≤180°
- Motor: 380V 50HZ 250W
- The rotating speed of grinding wheel: 2800 circles/minute
- Grinding wheel: φ125×32×φ32
- Shape: 440×340×440mm
- Weight: 58KG
Milling cutter grinder Model: X3
1. Portable idiot milling cutter grinder, can grind double edges, three edges, four edges, six edges milling cutter.
2. Grinding is accurate and rapid, easy operation, with no skill requirement to grind easily.
3. With Taiwan diamond grinding wheel, only one piece can complete all procedures. It can be equipped directly with an accurate angle and long service life.

- Mills diameter: φ4-φ14
- Power: AC220V/180W
- Speed: 5300RPM
- Point angle: 0°-5°
- Diamond wheel: CBN or SDC
- Standard collets: φ4, φ6, φ8, φ10, φ12, φ14
- Dimension: 320×210×200mm
- Net weight: 11.5kg
- Gross weight: 13kg
Milling cutter grinder Model:X5
1. Portable idiot milling cutter grinder, can grind double edges, three edges, four edges, six edges milling cutter.
2. Grinding is accurate and rapid, easy operation, with no skill requirement to grind easily.
3. With Taiwan diamond grinding wheel, only one piece can complete all procedures. It can be equipped directly with an accurate angle and long service life.

Mills diameter: ф13-ф30
Power: AC220V/450W
Speed: 4000RPM
Point angle: 0°-5°
Diamond grinding wheel: CBN or SDC
Standard collets: ф12、ф14、ф16、ф18、ф20、ф22、ф24、ф26、ф28、ф30
Dimension: 500×290×300mm
N/W: 23kg
G/W: 25kg
1. The straight handle end mill (2 edges, 3 edges, 4 edges) grinds after this aircraft, to work piece processing procedure, but the synchronization carries on drills, mill, cutting. Has exempted the other drill hole troublesome working procedure, achieves time-saving, saves the manpower, also saves the energy.

2. 1 minute rubs 1 milling cutter; Knife cutting edge center attrition: Grinds accurate to reach as high as 0.02mm.

3. This aircraft uses the diamond grinding wheel, because of its high degree of hardness attrition performance, not only in the tungsten steel, gathers the Jin'gang flinty, the tool steel, in the material processing has the widespread application, and may not repair and maintain in very long use period, in the management production can the high accuracy grinding, be your first choice mill knife tool stably!

**Specification parameter:**
- Attrition scope: φ3mm-φ13mm
- Knife edge grinding quantity adjustment: 0.05 mm-0.8 mm
- Power: 220V 50HZ 400W
- Rotation: 5400rpm
- Outlook size: 260 mm×210 mm×260 mm
- Weight: 17.5KG
Milling Cutter Grinder
1. Complex grinder machine mill&drill.
3. Send you CBN or SDC (alternative), long service life.
4. The milling cutter can grind double edge, three edge, four edge, six edge and so on.
5. This product has China national patent.
6. Drill bit can sharpen the drill bit front angle, back angle and front angle, you also can control the centre spot at random instead of centre drill, easy vent scraps, relax drill.

Milling Cutter Grinder model : F4
Grinding drill dia: Drill bit: φ2-φ14mm  Mills: φ4-φ13mm
Motort: 220V/180W
Speed: 5300RPM
Diamond wheel: CBN or SDC
Size: 320×210×200mm
Weight: 20Kg

Milling Cutter Grinder model F6
Grinding drill dia: Drill bit: φ8-φ30mm  Mills: φ13-φ30mm
Motort: 220V/400W
Speed: 4000RPM
Diamond wheel: CBN or SDC
Size: 500×290×300mm
Weight: 50Kg
SAW BLADE SHARPENER Model: Q5

1. This machine is applicable to sharpen thin saw blade and carve tooth.
2. It can sharpen hominess alloy and white steel saw blade.
3. During the grinding, it can automatically dial teeth. And with adjustable speed, it is fast and accurate.
4. Q6 get our China national patent, the motor can rotate up and down which can sharpen gears’ front and back angles.

Voltage: 220V/380V
Motor power: 0.75KW/0.09KW
Saw blade diameter: φ50-φ500
Speed: 45 teeth/min
Dimension: 600×600×1000mm
N/W: 84kg
G/W: 90kg
SAW BLADE SHARPENER Model: Q7

1. This machine is applicable to sharpen thin saw blade and carve tooth.
2. It can sharpen horniness alloy and white steel saw blade.
3. During the grinding, it can automatically dial teeth. And with adjustable speed, it is fast and accurate.
4. Q7 electrical motor parallel running which developed by ourselves can sharpen diagonal saw blade.

Voltage: 220V/380V
Motor power: 0.75KW/0.09KW
Saw blade diameter: φ50-φ500
Speed: 45 teeth/min
Dimension: 600×600×1000mm
N/W: 84kg
G/W: 90kg
SAW BLADE SHARPENER Model: Q6

1. This machine is applicable to sharpen thin saw blade and carve tooth.
2. It can sharpen horniness alloy and white steel saw blade.
3. During the grinding, it can automatically dial teeth. And with adjustable speed, it is fast and accurate.
4. Q7 electrical motor parallel running which developed by ourselves can sharpen diagonal saw blade.

Voltage: 220V/380V  
Motor power: 0.75KW/0.09KW  
Saw blade diameter: φ50-φ500  
Speed: 45 teeth/min  
Dimension: 600×600×1000mm  
N/W: 84kg  
G/W: 90kg
1. Specialize in grinding screw tap. It’s precise, easy operation and efficient, also can save large sum of expense for purchasing blade annually.
2. Send you Taiwan diamond wheel, can be secondary re-used, with accurate angle and long service life.
3. The electrical controlled high-rate DC motor features stable power, strong horsepower, efficient and long service life.
4. Developed and researched Y3B can sharpen the screw front angle, the front angle can control at random.

Technical parameters:
- Tap diameter: M5-M18
- Power: AC220V/180W
- Speed: 5300RPM
- Point angle: 5°-30°
- Diamond grinding wheel: CBN or SDC
- Standard collets: φ5、φ6、φ8、φ10、φ12、φ14 total 6pieces
- Dimension: 320×210×200mm
- N/W: 10kg
- G/W: 11Kg
SCREW TAP GRINDER model : Y3

1. Specialize in grinding screw tap. It's precise, easy operation and efficient, also can save large sum of expense for purchasing blade annually.

2. Send you Taiwan diamond wheel, can be secondary re-used, with accurate angle and long service life.

3. The electrical controlled high-rate DC motor features stable power, strong horsepower, efficient and long service life.

Technical parameters:
Tap diameter: M5-M18
Power: AC220V/180W
Speed: 5300RPM
Point angle: 5°-30°
Diamond grinding wheel: CBN or SDC
Standard collets: φ5 、φ6、φ8、φ10、φ12、φ14 total 6 pieces
Dimension: 320×210×200mm
N/W: 10kg
G/W: 11Kg
**Screw Tap Grinder**

1. Specialize in grinding screw tap. It’s precise easy operation and efficient, also can save large sun of expense for purchasing blade annually.
2. Send you CBN or SDC (alternative).
3. The electrical controlled high-rate DC motor features stable power, strong horsepower, efficient and long service life.
4. Developed and researched A4 can sharpen the screw front angle, the front angle can control at random.
5. Drill bit can sharpen the drill bit front angle, back angle and front angle, you also can control the centre spot at random instead of centre drill, easy vent scraps, relax drill.

**Screw Tap Model: A4**
- Grinding drill dia: Drill bit: $\phi 2 - \phi 14$ mm
- Portable tap: M5-M18 mm
- Motor: 220V/180W
- Speed: 5300RPM
- Diamond wheel: CBN or SDC
- Size: 320×210×200 mm
- Weight: 20 Kg

**Screw Tap Model: A6**
- Grinding drill dia: Drill bit: $\phi 8 - \phi 30$ mm
- Portable tap: M16-M32 mm
- Motor: 220V/400W
- Speed: 4000RPM
- Diamond wheel: CBN or SDC
- Size: 500×290×300 mm
- Weight: 50 Kg

**CGY-20A universal cutter grinder**
The CGY-20A/C universal cutter grinder is a type cutter grinder which is designed for single lip engraving cutters. It can be used to grind all usual cutter shapes and angles.

Specifications

- Cup wheel diameter-thickness-bore: 4” x 2” x 3/4”
- Spindle speed: 5200 rpm
- Collet capacity: 1/8” to 5/8”
- Longitudinal traverse of index head carrier: 5-1/2”
- Fine longitudinal adjustment travel of index head carrier: 3/4”
- Taper angle: 0 to 180 degrees
- Negative taper angle: 0 to 52 degrees
- Relief angle: 0 to 44 degrees
- Motor: 1/4hp, 3400 rpm
- Power 220V/110V, single phase
- Net weight: 60Kg
- Overall dimensions: 48x39x36.5 cm/18” x 14” x 14”
- Stone wheel: 4” x 2” x 3/4”
- Optional diamond wheel: 4” x 2” x 5/8”
Tool & Cutter Grinder

CGY-30A/U2 universal cutter grinder

Product Description

For grinding HSS and carbide engraving cutter as well as single lip or multiple lip cutters of various shapes such as radiuses cutters or negative taper angle of cutters. The universal index head is provided at 24 positions so that any particular angle of shape can be obtained, free 3600 or 100 rotation is allowed for grinding End Mills, Twist Drill, Lathe Tools, only replace the attachment to the index head without any complex setup.

Specification

1. Max. collet capacity: Φ25 mm
2. Max. grinding dia.: Φ25 mm
3. Taper angle: 0~ 180 (degree)
4. Relief angle: 0~ 45 (degree)
5. Negative angle: 0~ 25 (degree)
6. Grinding spindle: 5200 r.p.m.
7. Cup grinding wheel: 100x50x20
8. Motor: 1/3HP 220V 50/60HZ
9. Net weight: 55 kgs
10. Gross weight: 65 kgs
11. Machine dimensions: 45x40x35 cm
12. Packing dimensions: 56x47x47 cm

Standard Accessory

1. Diamond Wheel Dresser
2. Collets five: 4/6/8/10/12mm (or inch) 3. Wrench & Spanner Set

Optional Accessory:

1. grinding mills attachment2. grinding drill attachment3. grinding lathe cutter attachment
For high precision work and better efficiency, it is desirable to sharpen your cutters by cutter grinder than simply by hand. The MY-30F cutter grinder is specially designed for this purpose. Other than surface grinding the cutter grinder can sharpen any cutter(tools) to whatever shape you want your cutter to be. Highly efficient, save and easy to handle will surely solve the problem of sharpening cutters for you and thus improve your productivity.

- Diameter of hold in collet: max Φ 100mm min Φ5mm

- Range of grinding any angle

- Driving Motor Power: 220v/370w

- Spindle speed: 5600 r.p.m

- Grinding wheel diameter: Φ 100mm

- Overall Dimension: 50 kg
Cutter Grinding Machine Model CGY-50A

The operating table adopts the imported high-precision linear ballslide rail which can ensure the table stable and easy to operate.

The machine can be matched with different fittings in lines with tools to grind so as to grind drill bit, screw tap, end-milling cutter, R-shaped turning tool, R-shaped milling cutter, hobbing knife, round paper cutting knife. The motor can rotate 360°, The two sides of the motor can be installed with two grinding wheels at the same time. When you grind cutting tools of different materials, you may restart grinding by simply rotating the motor, which can enhance security and reduce the time of disassembling and repatation.

It adopts the FC30 cast iron of high toughness to keep the precision of the machine.

Max workpiece dia: 270mm
Max workpiece length (between centers): 270mm
Center height over the table: 137mm
Longitudinal displacement of the table: 300mm
Transverse displacement of the table: 190mm
Vertical travel of the wheel: 150mm
Swivel of the wheel head in the horizontal plane: ±45°
Tilting of the wheel spindle: ±45°
Wheel spindle speeds: 2800rpm
Voltage: 110V/220V/380v
Total power: 375W
Overall dimension: 680×560×790mm
Size of case: 700×640×640mm
Gross weight/Net Weight: 160kg
DGY60A Drilling Grinding Machine

Fast, easy handling, Approved patented reversing prism system that guarantees the highest possible accuracy and cutting edge symmetrie. Works on all kinds of Drill bit's (incl. Special bits) Step drill bits, Centre bits for sheet metal and for wood, Cutters, Milling cutters, Roughers a.s.o. High-Speed Steel (HSS), Chrome Vanadium (CV), Tungsten Carbite e.c.t.

technical Data
Range Φ 3 to Φ 60 mm (Φ 0.03 - Φ 2.4 inches)
wheel diameter Φ 200 mm - 7.8 inches
Motor 380 V, 50HZ, 0.37 kW
with compound slide rest (also available in 110 V, 60HZ, 0.37kW 220 V, 50HZ, 0.37 kW)
revolutions 2800 rpm
dimensions 700 x 440 x 1150 mm
drill-top-angle adjustable for all kinds of material
relief-angle stepless - negative, zero and positive angles depends on the material
weight (net) 116kg
Technical changes may be done without notification.
Description in brief

This drill grinder is a special equipment for resharpening drills. MY-80A drill grinder, which produced by our Co & Germany Co, wins praise from customers for its smart, accurate, effective reliable, longlasting and low-cost features.

The geometric forms and surface roughness of drill resharpened can be guaranteed by high rigidity, accurate positioning and rational structure of this grinder.

It is very easy for an operator, even an unskilled, to get point of operation by means of its magic design. According to some users investigation the cost to buy this machine can be paid off within one month by saving 3 or 4 working hrs a day through reducing waer of drill, grinding wheel, etc… Taking into consideration of that a standard reground drill can improve working speed and quality, its economic benefit will be greater than above mentioned.

Apart from being a special drill grinder it can also be used for grinding other cutters or crafts by changing kinds of grinding wheels or dressed forms of grinding wheels.

1. Change-over switch;
2. 2 & 2a, Fastening screws;
3. Grinding Wheel;
4. Prism rest;
5. Holder;
6. Positioning pin;
7. Handle for locking prism rest;
8. Slider for prism rest;
9. Adjusting screw;
10. Fastening screw;
11. Adjusting screw;
12. Wheel dresser;

Technical parameters
Dia. If drill to be ground: 3--20mm
Dia. If grinding wheel: 125mm
Power voltage: 220v
Motor power: 180W
Wheel spindle speeds: 2800r/min
Cutter Grinder Model CGY-40

For high precision work and better efficiency, it is desirable to sharpen your cutters by cutter grinder than simply by hand. The CGY-40 cutter grinder is specially designed for this purpose. Other than surface grinding the cutter grinder can sharpen any cutter to whatever shape you want your cutter to be. Highly efficient, save and easy to handle will surely solve the problem of sharpening cutters for you and thus improve your productivity.
UNIVERSAL TOOL GRINDER Model: UTG-6025

Sharpening scope: In hole, outer annulus, column, trench, taper, end mill, disc cutter, lathe tool, square shape and diamond cutting tool, gear cutting tool and so on.

The working table uses dovetail guide rail or high precision straight line rolling guide rails, good back and forth movement, high stability, steady bed platform, dexterous operation.

Motor can rotate 360° in the horizontal plane, the grinding wheel can be clockwise and anticlockwise rapidly. When grind different kinds of material's cutter, you can turn the grinding wheel, which can add the safety and reduce the time of replacing and dressing the grinding wheel, adding controllability of cutter grinding.

1. Standard accessory can grind lathe tool, end milling cutter, face and side cutters, hobbing cutters, circular paper cutters, etc.
2. Choosing 50E accessory can grind MO-type 4# coning spiral milling cutter, ball cutter, R-shape lathe tool, etc.
3. Choosing 50K accessory can grind MO-type 4# coning or diameter 3-32mm drill bit, screw tap, etc.
4. Choosing 50D accessory can grind MO-type 4# coning spiral milling cutter, etc.
5. Choosing 50J thimble, 50B toolbox and so on.

Technical parameters:
Max. Grinding diameter: 250mm
Inner bore of the grinding work piece: 10-50mm
Grinding length: 400mm lateral feeding distance: 190mm
Workable area: 130×550mm
Elevating Distance of Wheelhead: 160mm
Rotating Angle of Wheelhead: 360°
Grinding wheel: 150×16×32mm
Speed of Grinding Wheel: 2800RPM
Grinding head speed: 4200/8000 RPM
Horse Power and Voltage of Motor: 3/4HP, 380V
Power: 1HP
Height of the head holder: 135mm
Taper hole of the main spindle of the head holder: More 4# Motor voltage: 1GP, 110V/220V/380V
Dimension: 730×710×715mm
Net weight / gross weight: 212kg/222kg
Universal tool grinder Model UTG-600

The working table uses the dovetail guide rail, good rigidity, steady bed platform, dexterous operation.

Motor can rotate 360° in the horizontal plane, the grinding wheel can be clockwise and anticlockwise rapidly. When grind different kinds of material's cutter, you can turn the grinding wheel, which can add the safety and reduce the time of replacing and dressing the grinding wheel, adding controllability of cutter grinding. Standard accessory can grind lathe tool, end milling cutter, face and side cutters, hobbing cutters, circular paper cutters, etc.

Choosing 50E accessory can grind MO-type 4# coning spiral milling cutter, ball cutter, R-shape lathe tool, etc.
Choosing 50K accessory can grind MO-type 4# coning or diameter 3-32mm drill bit, screw tap, etc.
Choosing 50D accessory can grind MO-type 4# coning spiral milling cutter, etc.
Choosing 50J thimble, 50B toolbox and so on.

Technical parameter:

About worktable diameter: 300mm
About workable traveling schedule: 190mm
Workable area: 130×550mm
Elevating Distance of Wheelhead: 150mm
Rotating Angle of Wheelhead: 360°
Grinding wheel: 125×50×32mm
Grinding wheel rotational speed: 2800RPM
Motor: 1GP, 110V/220V/380V
Dimension: 700×630×630mm
Net weight/gross weight: 145kg/155kg
Universal tool grinder  Model UTG-600F : The working table uses high precision straight line rolling guide rails, good back and forth movement, high stability, steady bed platform, dexterous operation.

Motor can rotate 360° in the horizontal plane, the grinding wheel can be clockwise and anticlockwise rapidly. When grind different kinds of material’s cutter, you can turn the grinding wheel, which can add the safety and reduce the time of replacing and dressing the grinding wheel, adding controllability of cutter grinding.

Standard accessory can grind lathe tool, end milling cutter, face and side cutters, hobbing cutters, circular paper cutters, etc.

Choosing 50E accessory can grind MO-type 4# coning spiral milling cutter, ball cutter, R-shape lathe tool, etc.
Choosing 50K accessory can grind MO-type 4# coning or diameter 3-32mm drill bit, screw tap, etc.
Choosing 50D accessory can grind MO-type 4# coning spiral milling cutter, etc.
Choosing 50J thimble, 50B toolbox and so on.

Technical parameter :

- About worktable diameter: 300mm
- About workable traveling schedule: 190mm
- Workable area: 130×550mm
- Elevating Distance of Wheelhead: 150mm
- Rotating Angle of Wheelhead: 360°
- Grinding wheel: 125×50×32mm
- Grinding wheel rotational speed: 2800RPM
- Motor: 1GP, 110V/220V/380V
- Dimension: 700×630×630mm
- Net weight/gross weight: 145kg/155kg