



Chamfering & Deburring Unit



VERTEX®



VCF-500

Accessory: Side Mill Cutter Insert SPUN 422

SPMN 1203



| ORDER NO. | CODE NO. |
|-----------|----------|
| VCF-500 | 1023-001 |
| VCF-500W | 1023-002 |
| VCF-500F | 1023-003 |

PRACTICAL

- A. UNIVERSAL APPLICATION.
- B. SIMPLIFIED OPERATION.
- C. FAST-ACCURATE-RATIONAL.
- D. TIME SAVED.

- Tool cabinet stand VTC-20, 440 x 340 x 800 mm
CODE NO. 3405-221
PAGE A84



VCF-500W

Accessory: Grinding Wheel
100Øx50x17Ø



FEATURES FOR VCF-500, 500W, 500F

1. Simplified operation, suitable for unskilled personnel.
2. Easily to be bevelled for any length made of steel, cast iron, nonferrous metals, plastics, acrylic etc.
3. 500 : With exchangeable carbide inserts, insert can be changed easily to save cost and increase working ability.
4. 500W: With flange for grinding wheel, suit for steel material, heat treatment workpiece, can be bevelled or chamfered.
5. 500F : Working base on surface milling principles, the deburring processing surface is same as the milling machine surface.

※Please confirm voltage & phase when order.



VCF-500F

Accessory: Face Milling Cutter
Insert SEKN 1203



TECHNICAL DATA

| | 500 | 500W | 500F |
|-----------------------|---|-----------|-----------|
| Space requirement | 500x320mm | 500x440mm | 500x220mm |
| Weight(kgs) | 28.5 | 29.1 | 29 |
| Voltage | 3Ø 220V or 1Ø 110V/220V 50HZ/60HZ 3Ø 380V/415V | | |
| Motor output | 0.7KW | | |
| Speed | 3500 r.p.m. | | |
| Length of guide rails | 500mm | 500mm | 500mm |
| Height of bevel | 0-3mm | | |
| Bevel angle | 15°~45° (Changable) | 45° | 45° |

PLEASE NOTIFY VOLTAGE & PHASE, WHEN YOU ORDERING.
C.E MARK REQUESTED



Chamfering & Deburring Unit



VCF-500S

Accessory: Sanding Disc
165Øx22Ø

| ORDER NO. | CODE NO. |
|-----------|----------|
| VCF-500S | 1023-004 |
| VCF-600 | 1023-005 |
| VCF-700 | 1023-006 |

PRACTICAL

- A. USING SAND-CLOTH ROLLER FOR CUTTING.
- B. GOOD FOR STEEL. CAST IRON HARDEN PARTS.
- C. NOT FOR SOFT IRON OR ALUMINUM.
- D. IF USED BENT WORKPIECE, THE CHAMFERING SURFACE WOULD NOT SMOOTHLY STRAIGHT.



VCF-600

Insert SPMW 321
ZSPMW 090308

FEATURES FOR VCF-

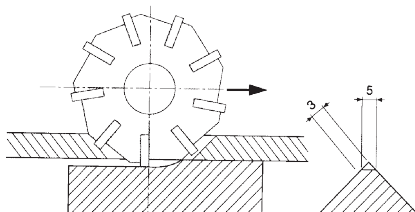
- 500S: Uses sanding disc, can debur soft and rigid materials.
- 600 : Easy to carry and time-saving. suitable for heavy workpiece which can't be easily moved. The tools can be chamfered 0-3mm bevel angle, radius, arc angle, irregular shape, straight line, outer curve and etc.
- 700 : The machine is used to carry out chamfering operations on any kind of ferrous material in particular steel and cast iron. Equipped with square-shaped tungsten carbide inserts-12.7x12.7x3.18 ISO 1203 SPUN. Simplified operation suitable for unskilled personnel. 3Ø220V/3Ø380V

※ Please confirm voltage & phase when order.



VCF-700

Side mill cutter



TECHNICAL DATA

| | VCF-500S | VCF-600 | VCF-700 |
|-----------------------|--|--------------|--------------------|
| Space requirement | 330x410 | 380x130 | 360x200x260 |
| Weight(kgs) | 26 | 3.7 | 14 |
| Voltage | 3Ø220V or 1Ø110V/220V 50HZ/60HZ 3Ø380V/415V | | |
| Motor output | 0.7KW | 0.62KW | 0.37KW |
| Speed | 3500 r.p.m. | 12000 r.p.m. | 3500 r.p.m. |
| Lenght of guide rails | 320mm | 100mm | 200mm |
| Height of bevel | 0-3mm | 0-3mm | 0-7mm |
| Bevel angle | 45° | 45° | 15°~45° Adjustable |

PLEASE NOTIFY VOLTAGE & PHASE, WHEN YOU ORDERING.



Chamfering & Deburring Unit



ORDER NO.VCF-300A CODE NO.1023-007

NEW



SPECIFICATION

| | |
|-------------------|----------------------------|
| Accessory | Carbide end mills |
| Machine size | L330mm x W330mm x H300mm |
| Voltage | 1 ϕ , 220V; 50Hz/60Hz |
| Speed | 0~12000 r.p.m. |
| Distance of Bevel | 0~3mm |
| Bevel angle | 45° |
| N.W. / G.W. | 40kgs / 42kgs |
| Box size | 550mm x 440mm x 380mm |
| Measurement | 3.4 Square feet |
| Motor | 1HP |
| Track Size | 300mm x 250mm x 10mm |

- Process by carbide end mill.
- The range of chamfer: inner dia. 6mm, inner gap width 6mm and 3R arc.
- The chamfer ability by: 2C/2R.
- The adjustable speed (0-6000rpm) can use for all kinds of materials cutting. (except harden parts)
- This machine was designed for regular and irregular parts such as curved surface, inner gap, and complex of inner and outer parts.
- All bevel angle comes to 45° by 45° carbide end mill.

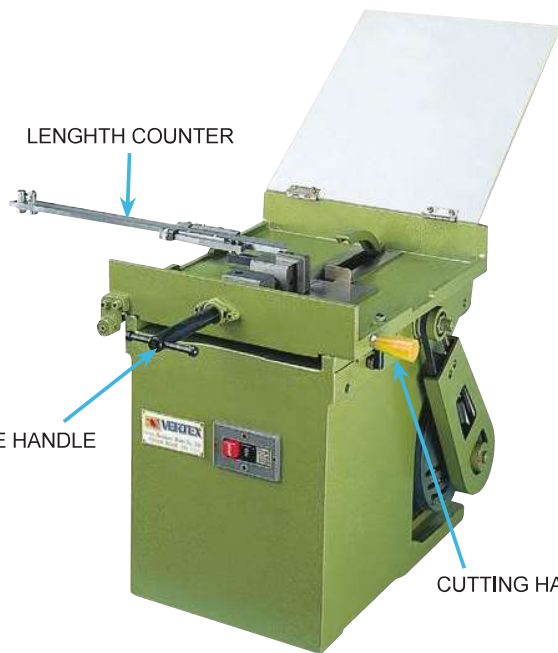
※ Please confirm voltage & phase when order.



Ejector Pin Cutting-off Unit

ORDER NO.VEC-100 CODE NO.1024-001

A PRECISE & SHARP CUTTING TOOL FOR MOULD MAKING LINE



LENGTH COUNTER

VICE HANDLE

CUTTING HANDLE

Features

- Moveable shaft bearing easy operation, safety.
- For cutting ejector pin of mould. or machine key. round rod.
- Heat-Treatment materials.
- Good-Looking cutting surface of stainless steel.
- Handle device according law of lever, it's easy to move on.
- Cause no vibration, no dust and noiseless.
- Easy to exchange the emery wheel.

※ Please confirm voltage & phase when order.

ABLE TO CUT ALL THE MATERIAL WITH PLANE SURFACE ALMOST

SPECIFICATION

Unit:mm

| | |
|-----------------------|----------------|
| Max. Cutting capacity | Ø25x300L |
| Cutting tolerance | 20 ± 0.10MM |
| Cut-off sander lamina | 150MM (O.D.) |
| | 1MM (THICK) |
| | 19.05MM (HOLE) |
| R.P.M. | 3600 |
| Motor | 1/2HP |
| Measure rule | 300MM |
| Weight (approx.) | 94.5KGS |
| Machine size | 620x420x450MM |
| Packing size | 720x520x600MM |

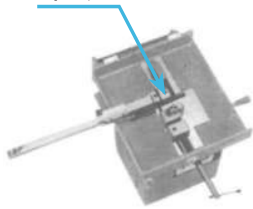
STANDARD ACCESSORIES

Emery wheel (Ø150x1x19.05mm) 5 PCS



LARGE & SMALL V SLOT

(For clamping round object)



EMERY WHEEL ASSEMBLY BY HAND

opened locked tightly



PLEASE NOTIFY THE VOLTAGE & PHASE, WHEN YOU ORDERING.



Rods Precision Cutting-Off And End Surface Grinding Unit



| ORDER NO. | CODE NO. |
|-----------|----------|
| VEC-300G | 1024-010 |
| VEC-500G | 1024-011 |
| VEC-600G | 1024-012 |

Features

- During operation, the grinding sander may be micro adjusted and repaired without changing its dimensions.
- The tightness of belt may be automatically adjusted and controlled (the larger the resistance, the tighter the belt.)
- The dimensions precision of cutting off the length of working piece are not subject to the effect of the difference of thickness of cutting-off sander piece.
- The rapid chuck is used to hold the working piece in place, opening or closing it is very quick, and $\varnothing 1\text{-}25\text{mm}$ is the same.
- When operation, a shaft with two tapered ends is used for transmission and characterized by high stability low wearing rate and long life.
- The rapid positioning rule is in the unit of 20mm and provided with a micro rule (0mm to 25mm) of which the zeroing point is the dimensions at the rapid positioning point.
- The minimum of cutting length is 60mm



For Clamping



For Cutting & Grinding

1.



2.



3.



4.



6.



The measure rule

SPECIFICATION

| | |
|-------------------------|---|
| Cut-off precision | 25mm \varnothing x 300mm \pm 0.01 |
| Right-angle precision | 25mm \varnothing x 90° \pm 0.01 |
| Cut-off sander lamina | 1mm t x 180mm \varnothing (Hole) 31.8mm \varnothing |
| Grinding sander surface | 27A/PA46IJ x100 x 50 x 20 |
| R.P.M. | 3600 |
| Motor | 1HP 110/220V 1 or 3 phase |
| Capacity | VEC-300G 300mm VEC-500G 500mm VEC-600G 600MM |
| Weight (Approx.) | 105.5kgs (107kgs) (110kgs) |
| Machine Size | L430mm x W360mm x H500mm |

- The length of measure: 300mm is for VEC-300G
500mm is for VEC-500G
600mm is for VEC-600G
Except the measure rule length is different, all items of body are same.
- Please notify the voltage & phase, when you ordering