



WELLNIT

Concentrate On Manufacturing Beveling
Machine wellnit Beveling Machine

STEEL PLATE BEVELING MACHINE SERIES



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PRODUCT	MODEL	MOTOR POWER	BEVEL ANGLE	CLAMP THICKNESS
	PB-60	3400W	10° - 60°	6-40mm
	PB-80	6400W	0° - 60°	6-60mm
	PB-60L	3400W	0° - 90°	6-60mm
	PB-60R	3400W	10° - 60° (-10)° - (-60)°	6-60mm
	PB-100	6400W	0° - 90°	8-100mm
	PB-10D	2000W	30° - 60°	2-40mm
	PB-20D	1620W	30° - 75°	3-50mm
	PB-10	1400W	30° ; 37.5° ; 45°	/
	PB-15	2450W	20° ; 30° ; 37.5° 45° ; 50° ; 55° ; 60°	/
	PBM-20	1100W	30° ; 37.5° ; 45°	5-15mm
	PBM-15	1100W	30° - 60°	/
	PB-R3	0.4 - 0.63MPa	R1 - R3	≥9mm

AUTOMATIC PLATE EDGE BEVELING MACHINE PB-60

Main Features

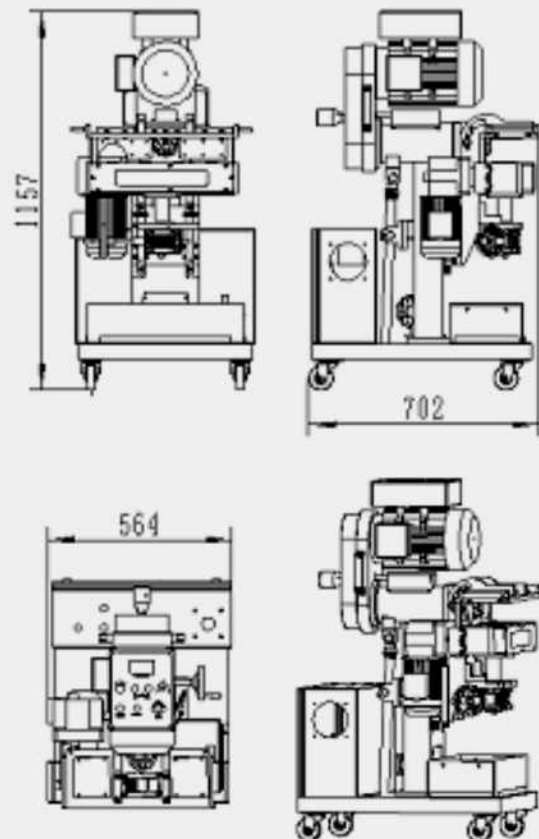
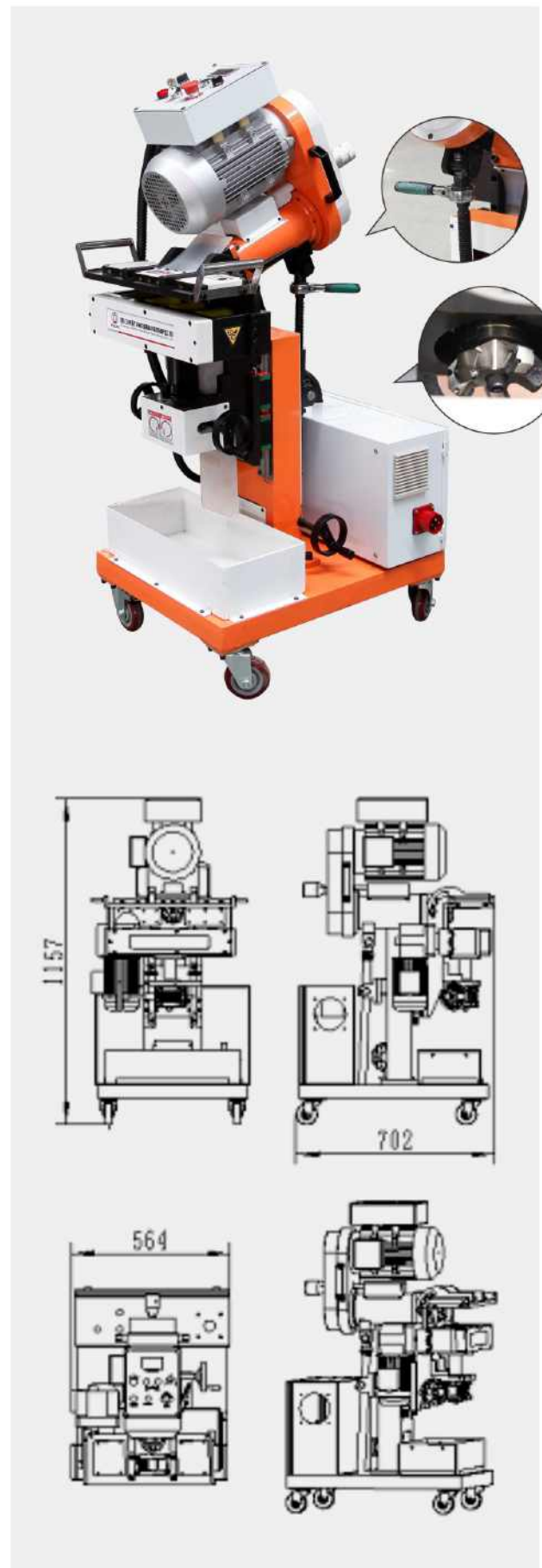
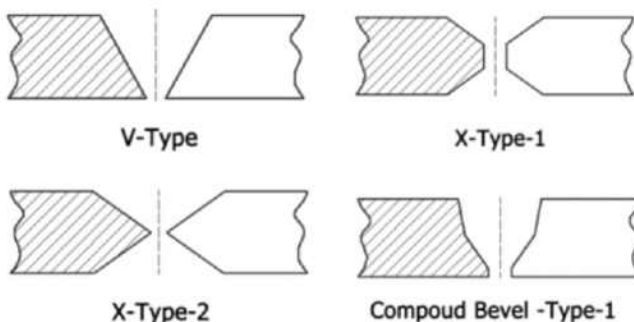
1. Cold processed, No sparks, Will not affect the material of plate.
2. Automatic feed, Automatic Marching , High efficiency, One person can operate multiple devices at the same time.
3. Smooth slope, Surface finish can be as high as Ra3.2-Ra6.3.
4. Numerical control display screen, Simple operation, Bevel speed can be adjustable , High precision.
5. Equipped with CNC blades , Low consumables.
6. Bevel Type : V, Y, K, X etc.
7. Can process carbon steel, stainless steel, alloy steel, titanium, and composite plates etc.

Specification

Voltage	AC 3PH 380V 50HZ
Total power	3400W
Spindle speed	1050r/min
Feed speed	0-1500mm/min
bevel width	1-45mm
single bevel width	1-15mm
bevel angle	10°-60°
Clamp thickness	6-40mm
Plate width	>100mm
Plate length	>300mm
Worktable height	820-860mm
N.W	250KGS
Process material	CS,SS,Aluminum,bronze,compound plate

* Non-standard machines are available according to customer's requirement.

Bevel Type



Tool parts



Head Tool



Tool Blades



Blades Screw



Press Wheel



Belt



Gear

Engineering cases



AUTOMATIC PLATE EDGE BEVELING MACHINE PB-80

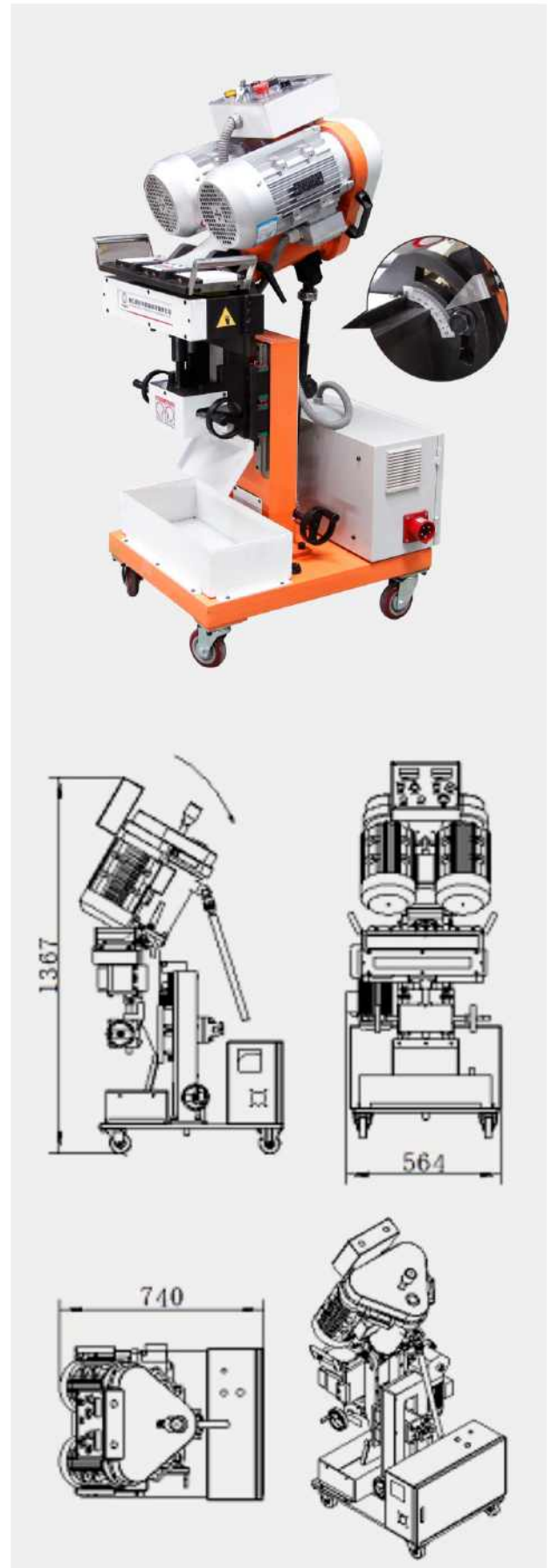
Main Features

- 1.Cold processed, No sparks, Will not affect the material of plate.
- 2.Double motors, Stronger Power
- 3.Double frequency conversion speed regulation, both spindle and feed speed are adjustable
- 4Automatic feed, Automatic marching, high efficiency, one person can operate multiple devices at the same time
- 5.Smooth slope, surface finish can be as high as Ra3.2- Ra6.3
- 6.Numerical control display screen, simple operation, Bevel speed can be adjustable,high precision
- 7.Equipped with CNC blades, Low consumables
- 8.Bevel Type: V, Y, K, X etc.
- 9.Can process carbon steel, stainless steel, alloy steel, titanium, and composite plates etc

Specification

Voltage	AC380V 50HZ
Total power	6400W
Spindle speed	750-1440r/min
Feed speed	0-1500mm/min
bevel width	1-60mm
single bevel width	1-20mm
bevel angle	0°-60°
Clamp thickness	6-60mm
Plate width	>100mm
Plate length	>300mm
Worktable height	820-860mm
N.W	270KGS
Process material	CS,SS,Aluminum,bronze,compound plate

* Non-standard machines are available according to customer's requirement.



Bevel Type



V-Type



X-Type-1



X-Type-2

WELLNIT MACHINE ADVANTAGE:

Plate panel

The appearance is beautiful, the frequency can be adjusted in any position, the second gear, can be adjusted in any range, digital, coded



WELLNIT

Wear plate

increase the hardness of the plate, prevent the workload from increasing, and prevent the plate from scratching

Double track

stable, high flatness, stable strength

Automatic clamp

Convenience and efficiency

Angle Scale display

easy to adjust the angle

Lifting turbine

more stable, better sealing performance, than hydraulic lifting, not easy to drop, stable



AUTOMATIC PLATE EDGE BEVELING MACHINE PB-60L

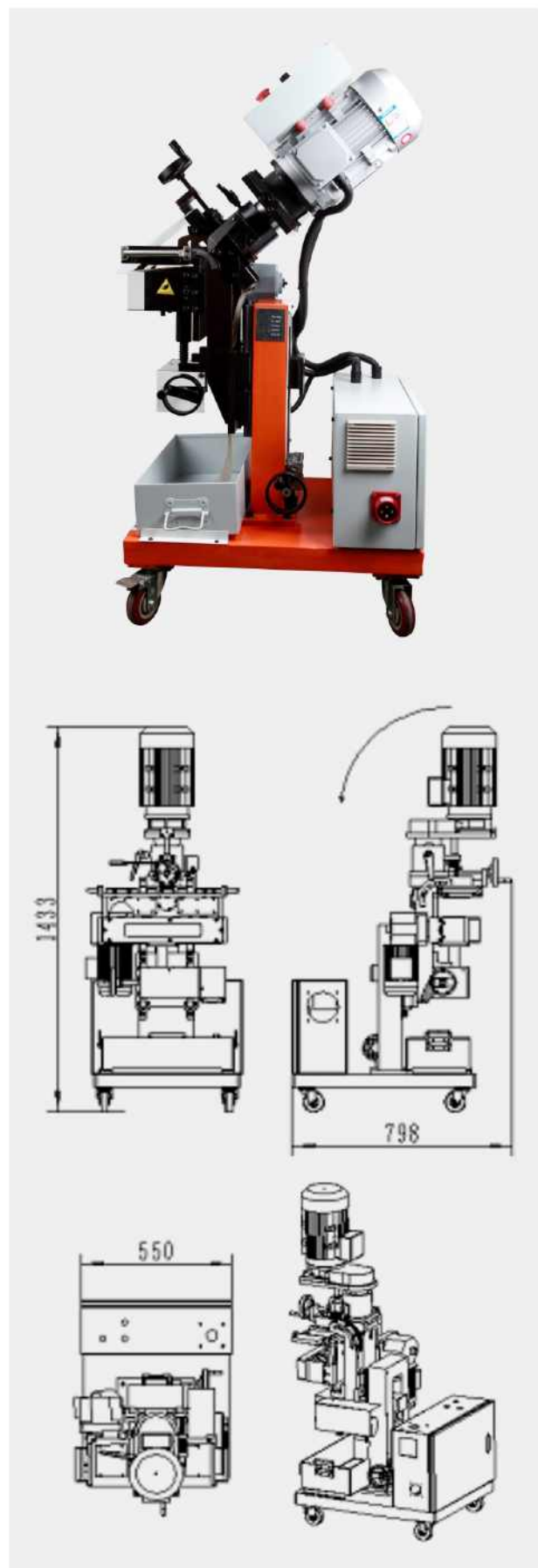
Main Features

- 1.Cold processed, No sparks, Will not affect the material of plate
- 2.Automatic feed, Automatic Marching, high efficiency, one person can operate multiple devices at the same time
- 3.Smooth slope, Surface finish can be as high as Ra3.2-Ra6.3
- 4.Numerical control display screen, simple operation, Bevel speed can be adjustable,high precision
- 5.Equipped with CNC blades, Low consumables
- 6.Bevel Type: V, Y, K, X etc.
- 7.Can process carbon steel, stainless steel, alloy steel, titanium, and composite plates etc

Specification

Voltage	AC 3PH 380V 50HZ
Total power	3400W
Spindle speed	1050r/min
Feed speed	0-1500mm/min
bevel width	1-55mm
single bevel width	1-20mm
bevel angle	0°-90°
Clamp thickness	6-60mm
Plate width	>100mm
Plate length	>300mm
Worktable height	820-860mm
N.W	220KGS
Process material	CS,SS,Aluminum,bronze,compound plate

* Non-standard machines are available according to customer's requirement.



Cutting Header



Bevel Type



V-Type



X-Type-1



X-Type-2



J-Type



V-Type



X-Type-1

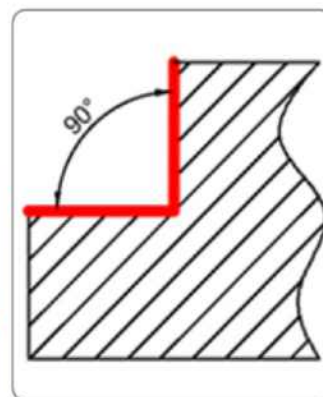
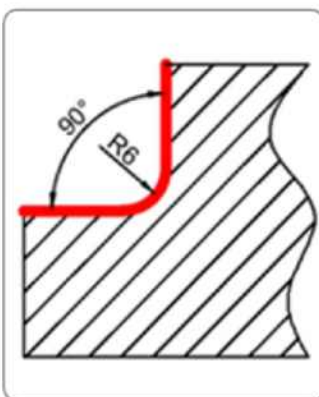


X-Type-2



Compound Bevel -Type-1

Engineer Case



AUTOMATIC PLATE EDGE BEVELING MACHINE PB-60R

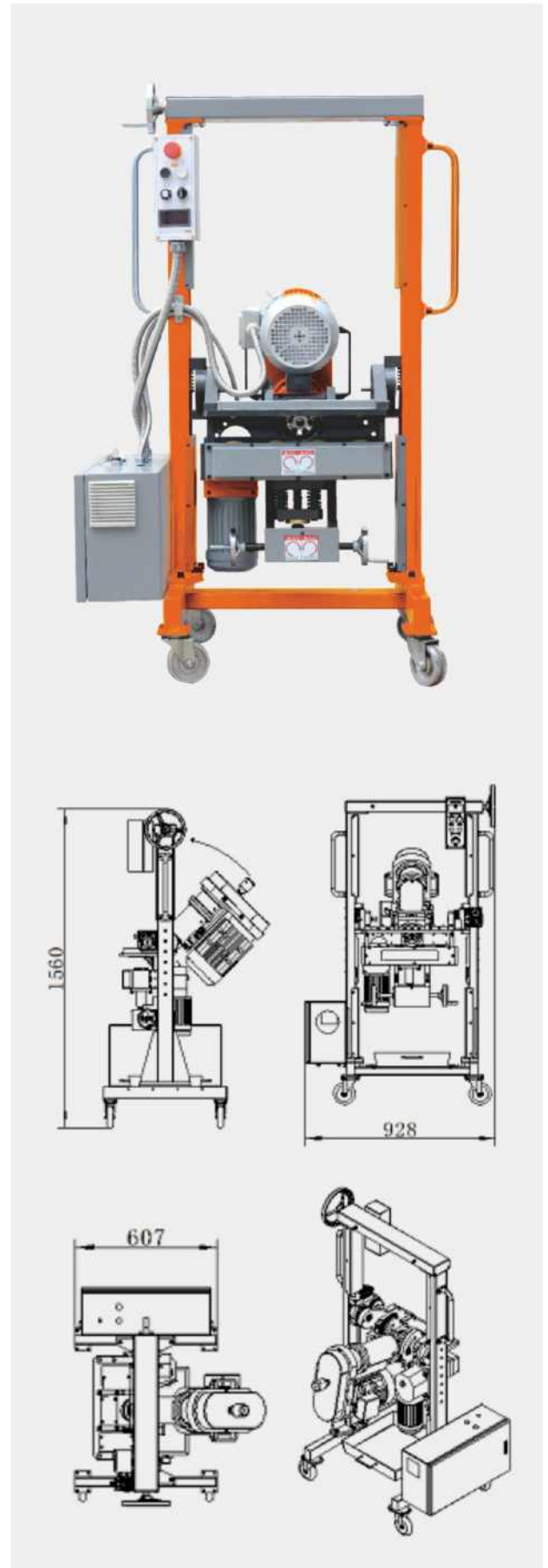
Main Features

1. Cold processed, No sparks, Will not affect the material of plate.
2. Machine can be turned up and down, without turning over plate.
3. Automatic feed, Automatic marching, high efficiency, one person can operate multiple devices at the same time
4. Smooth slope, surface finish can be as high as Ra3.2-Ra6.3
5. Numerical control display screen, simple operation, Bevel speed can be adjustable, high precision
6. Equipped with CNC blades, Low consumables
7. Bevel Type: V, Y, K, X etc.
8. Can process carbon steel, stainless steel, alloy steel, titanium, and composite plates etc

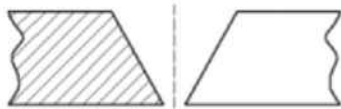
Specification

Voltage	AC 3PH 380V 50HZ
Total power	3400W
Spindle speed	1050r/min
Feed speed	0-1500mm/min
bevel width	1-55mm
single bevel width	1-15mm
bevel angle	10°- 60° (-10)°- (-60)°
Clamp thickness	6-60mm
Plate width	>100mm
Plate length	>300mm
Worktable height	700-830mm
N.W	225KGS
Process material	CS,SS,Aluminum,bronze,compound plate

* Non-standard machines are available according to customer's requirement.



Bevel Type



V-Type



X-Type-1



X-Type-2

Tool parts



Head Tool



Tool Blades



Blades Screw



Press Wheel



Belt

Engineer Case

Up Bevel



Down Bevel



AUTOMATIC PLATE EDGE BEVELING MACHINE PB-100

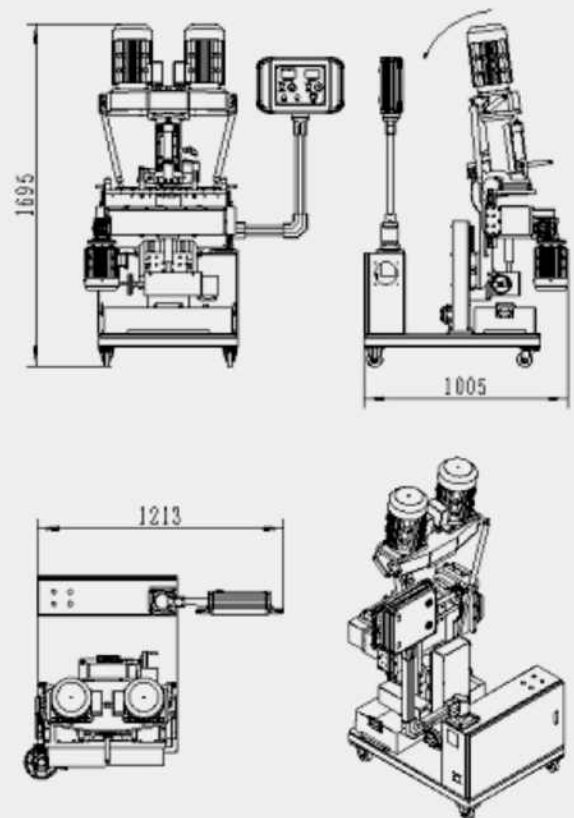
Main Features

- 1.Cold processed, No sparks, Will not affect the material of plate.
- 2.Double motors, Stronger Power
- 3.Double frequency conversion speed regulation, both spindle and feed speed are adjustable
- 4Automatic feed, Automatic marching, high efficiency, one person can operate multiple devices at the same time
- 5.Smooth slope, surface finish can be as high as Ra3.2-Ra6.3
- 6.Numerical control display screen, simple operation, Bevel speed can be adjustable,high precision
- 7.Equipped with CNC blades, Low consumables
- 8.Bevel Type: V, Y, K, X etc.
- 9.Can process carbon steel, stainless steel, alloy steel, titanium, and composite plates etc

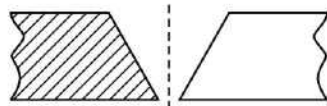
Specification

Voltage	AC 3PH 380V 50HZ
Total power	6400W
Spindle speed	750-1440r/min
Feed speed	0-1500mm/min
bevel width	1-100mm
single bevel width	1-30mm
bevel angle	0° - 90°
Clamp thickness	8-100mm
Plate width	>200mm
Plate length	>300mm
Worktable height	850-900mm
N.W	440KGS
Process material	CS,SS,Aluminum,bronze,compound plate

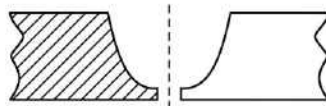
* Non-standard machines are available according to customer's requirement.



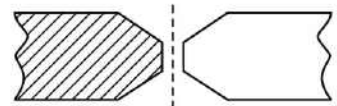
Bevel Type



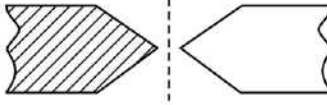
V-Type



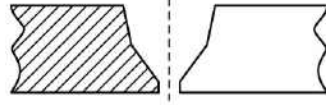
J-Type



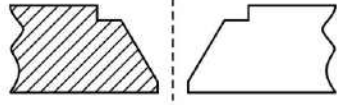
X-Type-1



X-Type-2



Compound Bevel-Type-1



Compound Bevel-Type-2

Tool parts



Head Tool



Tool Blades



Blades Screw



Press Wheel



Belt

Engineer Case



STATIONARY SMALL PLATE BEVELING MACHINE PB-10D

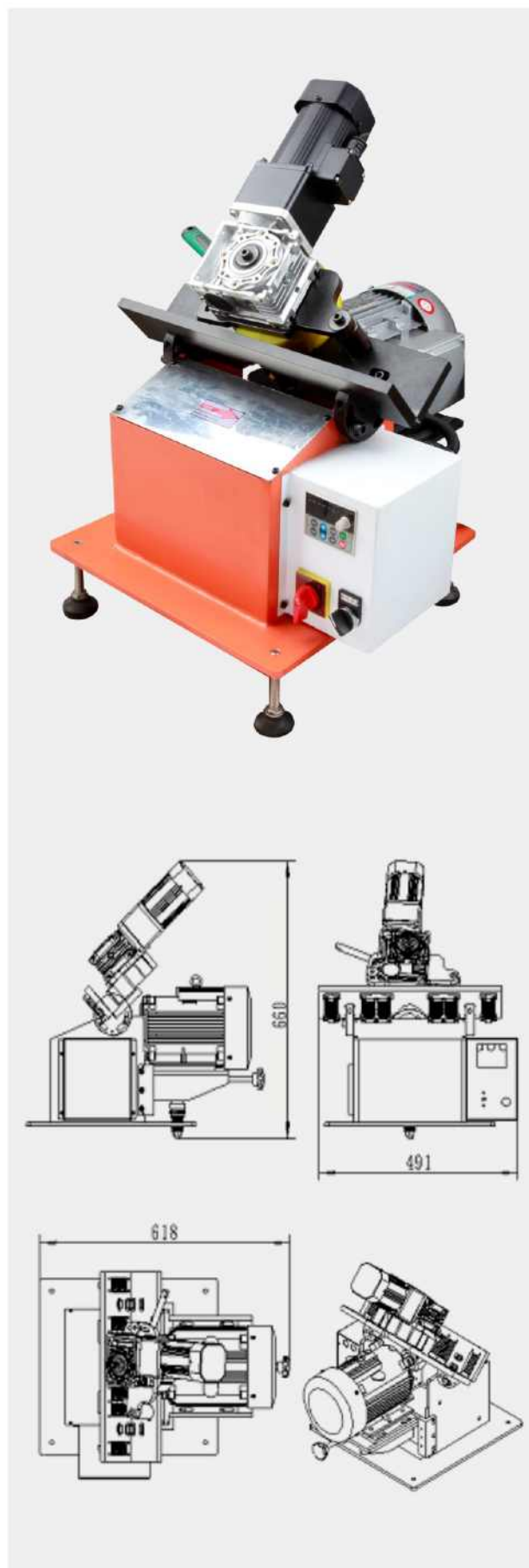
Main Features

1. Cold Processed, No spark, Will not affect the material of plate.
2. Automatic feed, High efficiency.
3. Suitable for strip plate and small thin plate.
4. Smooth slope, Surface finish can be as high as Ra3.2-Ra6.3.
5. Numerical control display screen, Simple operation, Bevel speed can be adjustable, high precision.
6. Equipped with CNC blades, low consumables.
7. Bevel type: V, Y, K, X etc.
8. Can process carbon steel, stainless steel, alloy steel, titanium, composite plate etc.

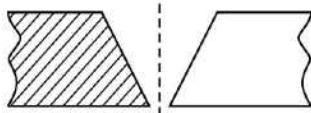
Specification

Voltage	AC 3PH 380V 50HZ
Total power	2000W
Spindle speed	1400r/min
Feed speed	0-1500mm/min
bevel width	1-18mm
single bevel width	1-10mm
bevel angle	30°-60°
Clamp thickness	2-40mm
Plate width	>20mm
Plate length	/
Worktable height	/
N.W	80KGS
Process material	CS,SS,Aluminum,bronze,compound plate

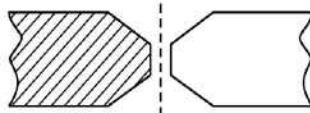
* Non-standard machines are available according to customer's requirement.



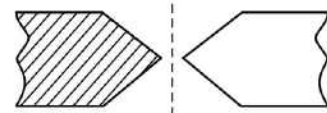
Bevel Type



V-Type



X-Type-1



X-Type-2

Tool parts



Head Tool



Tool Blades



Blades Screw

Engineer Case



STATIONARY SMALL PLATE BEVELING MACHINE PB-20D

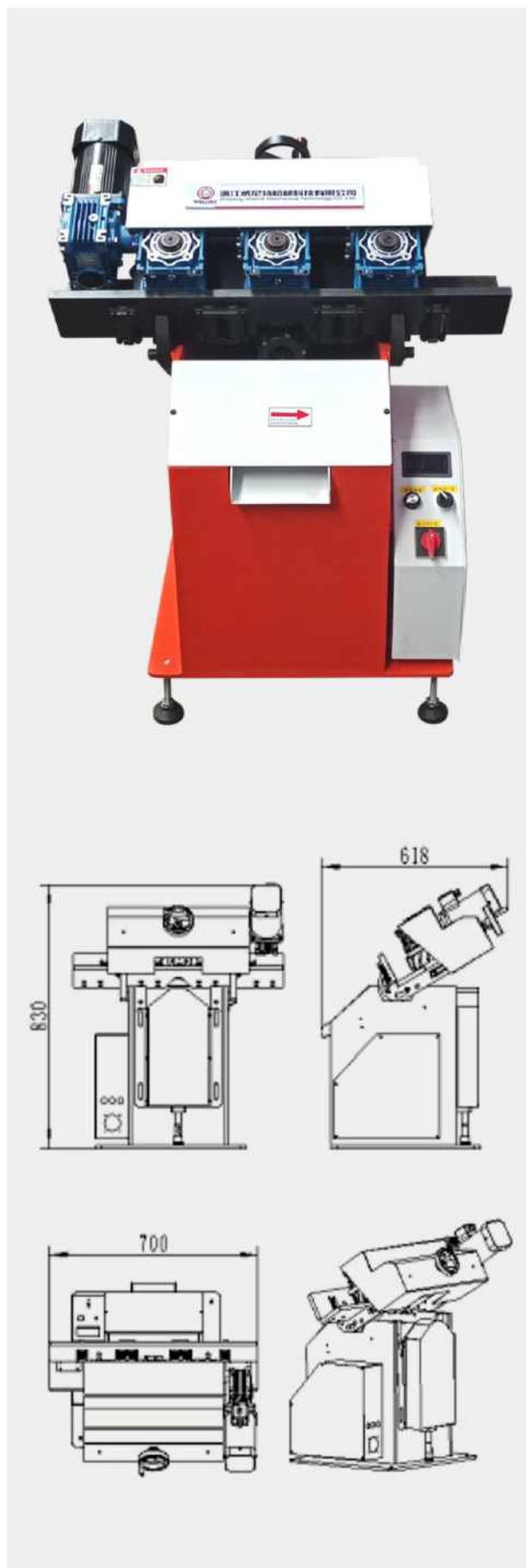
Main Features

1. Cold Processed, No spark, Will not affect the material of plate.
2. Automatic feed, High efficiency.
3. Smooth slope, Surface finish can be as high as Ra3.2-Ra6.3.
4. Numerical control display screen, Simple operation, Bevel speed can be adjustable, high precision.
5. Equipped with CNC blades, low consumables.
6. Bevel type: V, Y, K, X etc.
7. Can process carbon steel, stainless steel, alloy steel, titanium, composite plate etc.

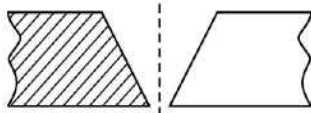
Specification

Voltage	AC 3PH 380V 50HZ
Total power	1620W
Spindle speed	1440r/min
Feed speed	0-1500mm/min
bevel width	1-20mm
single bevel width	1-10mm
bevel angle	30°-75°
Clamp thickness	3-50mm
Plate width	>30mm
Plate length	/
Worktable height	/
N.W	150KGS
Process material	CS,SS,Aluminum,bronze,compound plate

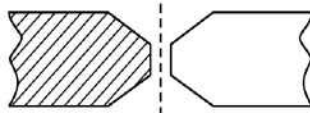
* Non-standard machines are available according to customer's requirement.



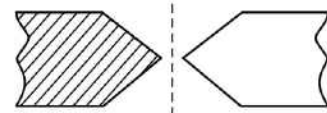
Bevel Type



V-Type



X-Type-1



X-Type-2

Tool parts



Head Tool



Tool Blades



Blades Screw

Engineer Case



MULTIFUNCTIONAL PLATE BEVELING MACHINE PB-10

Main Features

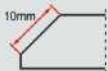
1. Cold Processed, No spark, Will not affect the material of plate.
2. Compact Structure, Light weight , Easy to carry
3. Smooth slope, Surface finish can be as high as Ra3.2-Ra6.3.
4. Small working radius, Suitable for any working space, fast beveling and deburring,High efficiency.
5. Equipped with CNC blades, low consumables.
6. Bevel type: V, Y, K, X, R bevel etc.
7. Can process curved plates, straight plates, special-shaped plates, plate holes, round tubes, square tubes, etc.

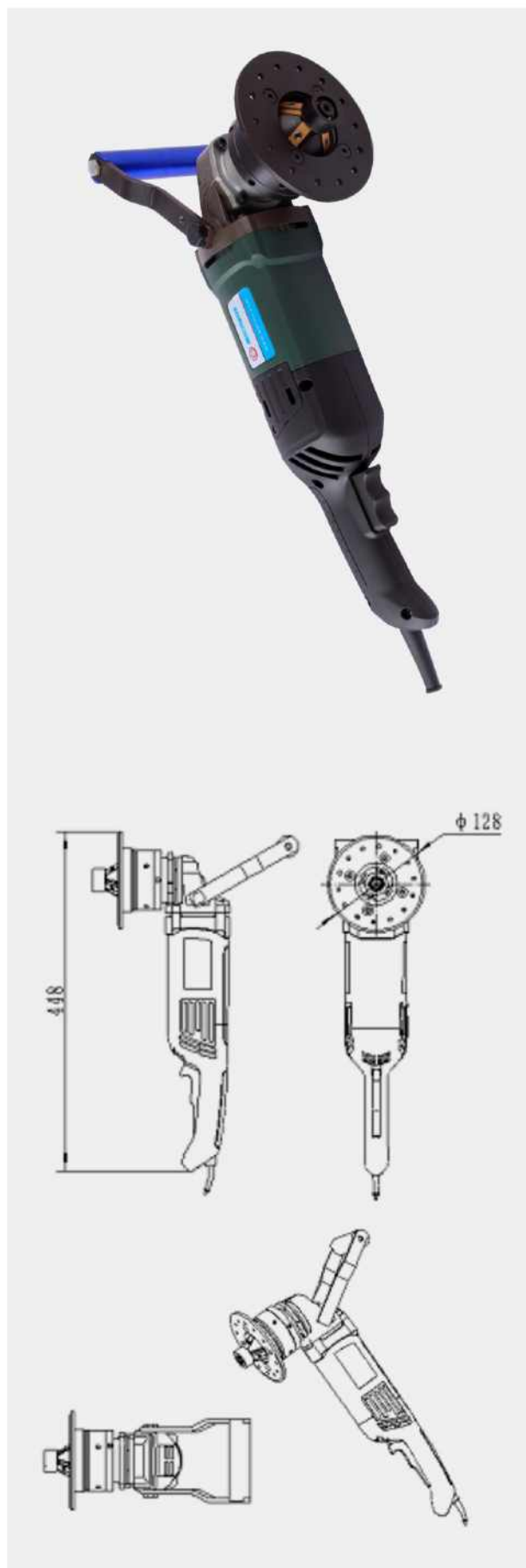
Specification

Voltage	AC 1PH 220V 50HZ
Tool power	1400W
Bevel width	1-10 mm (Q235)
Process speed	500-1000mm/min
Bevel angle	30° ; 37.5°; 45°
Tool Bit Qty	4 Pcs
N.W	6.5KGS
Process material	CS , SS , Aluminum , bronze , compound Plate

* Non-standard machines are available according to customer's requirement.

Bevel Type

 Max bevel width	 Arched edge beveling
 Top beveling	 Countersinking Min.ID.50 mm
 Bevel angles 30°,37.5°,45°	 Pipe OD beveling
 Bevel radius R2,R3,R4	 Pipe ID beveling Min.ID 50mm



Tool parts



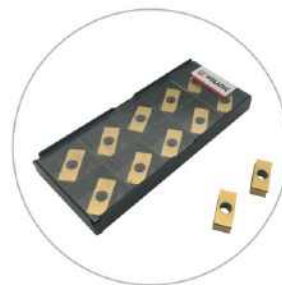
Milling head 30°



Milling head 37.5°



Milling head 45°



Tool Blades (Standard)



Tool Blades (R2)



Tool Blades (R3)



Tool Blades (R4)



Blades Screw

Engineer Case



Straight Plate



Curve Plate



Shaped Plate



Plate Hole



Round Tube



Square Tube

MULTIFUNCTIONAL PLATE BEVELING MACHINE PB-15

Main Features

1. Cold Processed, No spark, Will not affect the material of plate.
2. Compact Structure, Light weight , Easy to carry
3. Smooth slope, Surface finish can be as high as Ra3.2-Ra6.3.
4. Small working radius, Suitable for any working space, fast beveling and deburring, High efficiency.
5. Equipped with CNC blades, low consumables.
6. Bevel type: V, Y, K, X, R bevel etc.
7. Can process curved plates, straight plates, special-shaped plates, plate holes, round tubes, square tubes, etc.

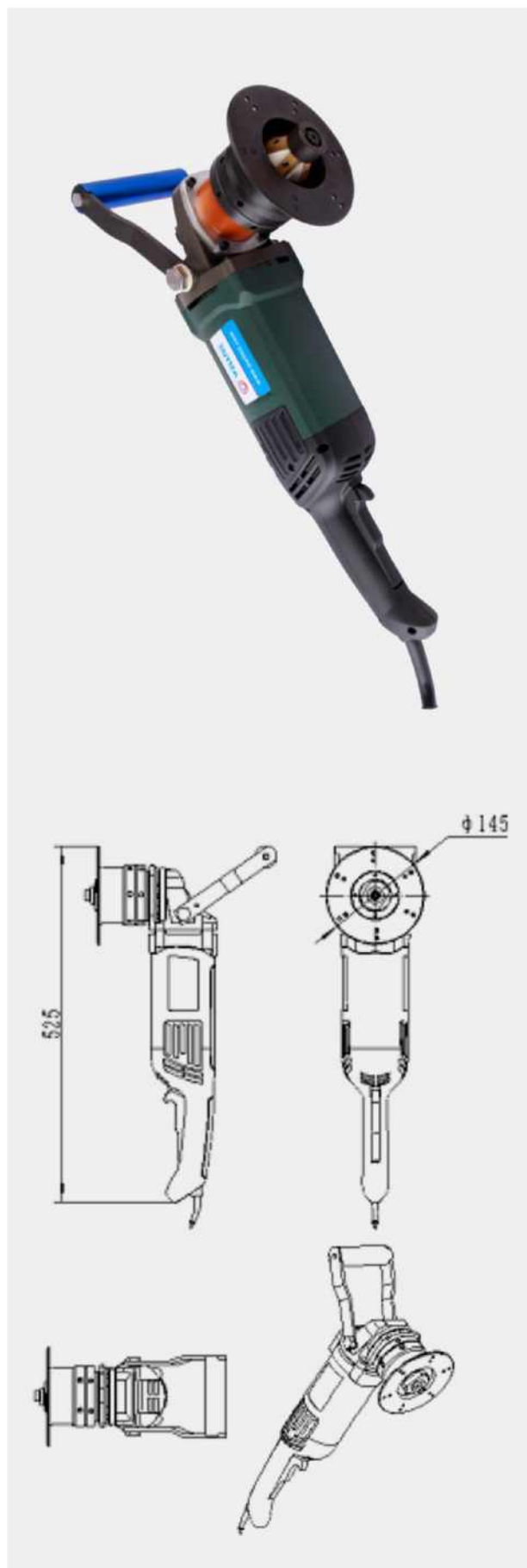
Specification

Voltage	AC 1PH 220V 50HZ
Tool power	2450W
Bevel width	1-18 mm (Q235)
Process speed	500-1500mm/min
Bevel angle	20° ; 30° ; 37.5° 45° ; 50° ; 55° ; 60°
Tool Bit Qty	4 /5 Pcs
N.W	8.5KGS
Process material	CS , SS , Aluminum , bronze , compound Plate

* Non-standard machines are available according to customer's requirement.

Bevel Type

 15mm Max bevel width	 Arched edge beveling
 Top beveling	 Countersinking Min.ID.60 mm
 Bevel angles 20°, 30°, 37.5° 45°, 50°, 55°, 60°	 Pipe OD beveling
 Bevel radius R2, R3, R4	 Pipe ID beveling Min.ID 60mm



Tool parts



Milling head 20°



Milling head 30°



Milling head 37.5°



Milling head 45°



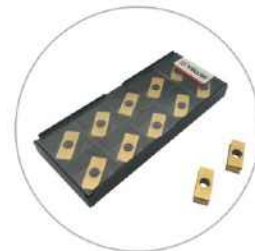
Milling head 50°



Milling head 55°



Milling head 60°



Tool Blades (Standard)



Tool Blades (R2)



Tool Blades (R3)



Tool Blades (R4)



Blades Screw

Machine Details



Feed Scale



Speed Control (Level 1-6)



Precision Wheel



Package: Aluminum Alloy Box



MULTIFUNCTIONAL PLATE BEVELING MACHINE PBM-20

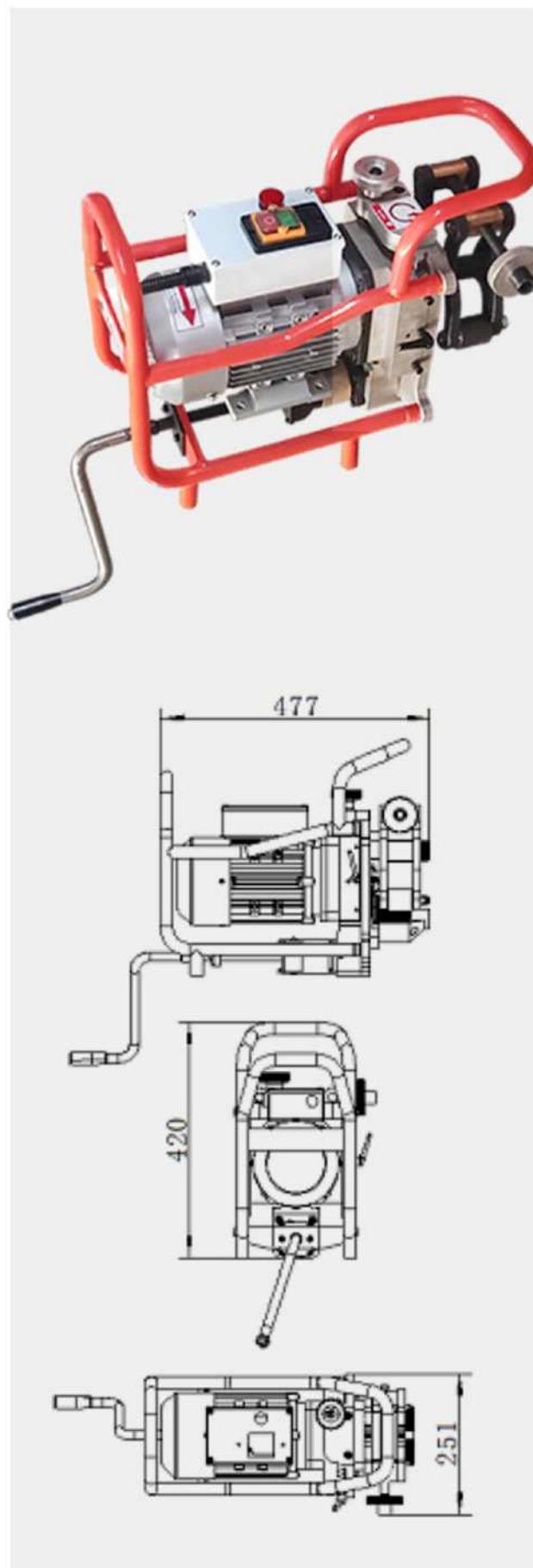
Main Features

1. Cold Processed, No spark, Will not affect the material of plate.
2. Compact Structure, Light weight , Easy to carry
3. Unlimited working range (pipes above 133mm can be processed)
4. Smooth slope, Surface finish can be as high as Ra3.2- Ra6.3.
5. Small working radius, Suitable for any working space, fast beveling and deburring, High efficiency.
6. Equipped with CNC blades, low consumables.
7. Bevel type: K, V, Y, X etc.
8. Can process straight plates and round tubes.

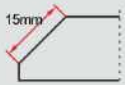
Specification

Voltage	AC 3PH 380V 50HZ
Total Power	1100W
Clamp Thickness	5-15mm
Bevel Angle	30° ; 37.5° ; 45°
Rotation Speed	2000r/min
Pipe Min ID Size	133mm
Bevel Width	1-15mm
Tool Bit Qty	4Pcs
Net Weight	25kgs
Gross Weight	30kgs
Machine Dimension	485*405*290mm
Process Material	CS,SS,Aluminum Alloy ,Bronze etc

* Non-standard machines are available according to customer's requirement.



Bevel Type



Max bevel width



Top beveling



Bevel angles
30°, 37.5°, 45°



Pipe OD beveling



Pipe ID beveling
Min.ID 133mm

Tool parts



Milling head 30°



Milling head 37.5°



Milling head 45°



Tool Blades



Blades Screw

Engineer Case



MANUAL PLATE BEVELING MACHINE PBM-15

Main Features

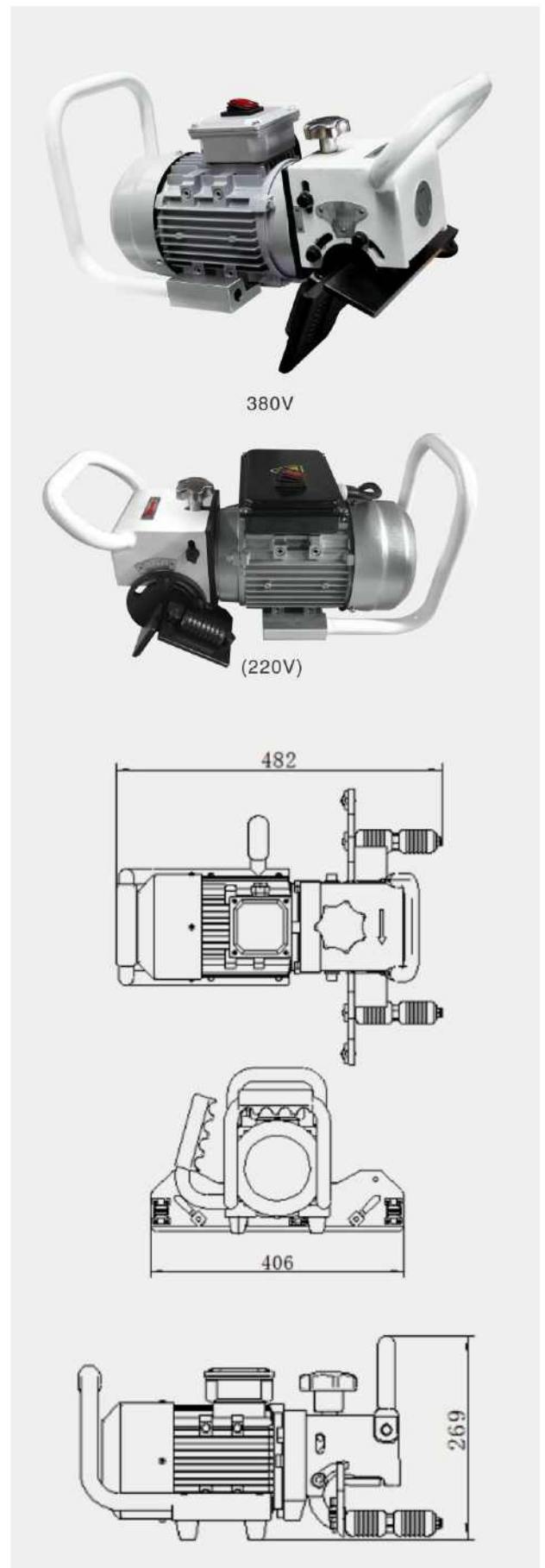
- 1.Cold Processed, No spark, Will not affect the material of plate.
- 2.Compact Structure, Light weight , Easy to carry
- 3.Voltage can be choose (220V / 380V)
- 4.Smooth slope, Surface finish can be as high as Ra3.2-Ra6.3.
- 5.Bevel angle and bevel depth can be adjustable, High Precision
- 6.Small working radius, Suitable for any working space, fast beveling and deburring,High efficiency.
- 7.Equipped with CNC blades, low consumables.
- 8.Bevel type: V, Y, X,K etc.

Specification

Voltage	AC 1PH 220V 50HZ AC 3PH 380V 50HZ
Frequency	50Hz
Total Power	1100W
Clamp Thickness	No Limited
Bevel Angle	30° - 60°
Rotation Speed	2870r/min
Bevel Width	1-15mm
Tool Bit Qty	12Pcs
Net Weight	18kgs
Gross Weight	28kgs
Process Material	CS,SS,Aluminum Alloy ,Bronze etc

* Non-standard machines are available according to customer's requirement.

Bevel Type



Bevel Type



Head Tool



Tool Blades



Blades Screw

Machine Details



Scroll Wheel



Double Cutter Head



Precision Scale

Engineer Case



PNEUMATIC PLATE BEVELING MACHINE PB-R3

Main Features

1. Pneumatic driven, Stable performance, Explosion-proof
2. Compact design, Light weight, Easy to carry out
3. Hard alloy blades, Wear-resistant, Low consumables
4. Eight working surfaces, high efficiency
5. Can process plate edges, plate holes, plate corners, R chamfer, C face chamfer etc
6. Widely used in shipbuilding, frame, bridge and other fields

Specification

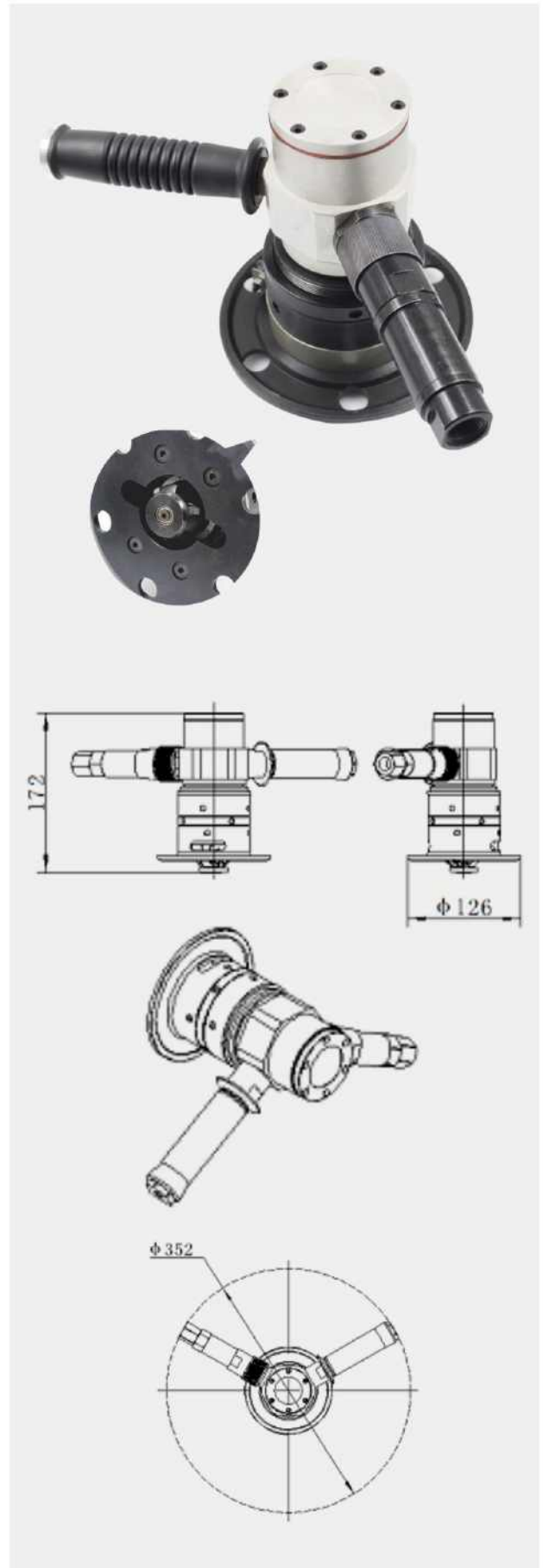
Air pressure	0.4-0.63MPa
Air hose I.D	≥10
Process speed	3mm/min
Plate thickness	≥9mm
Bevel angle	R1 – R3
Min work radius	R16
Tool Bit Qty	3 Pcs
N.W	3.9 KGS
Machine Dimension	Guide Plate 150 Height 160

* Non-standard machines are available according to customer's requirement.

Bevel Type



Bevel radius
R1,R2,R3



Bevel Type



Tool Blades



Blades Screw

Machine Details



Precision Wheel



Small Appearance



Precision Scale

Engineer Case

