

CHAMFERING MACHINES

to suit all types of materials



The application of
the latest energy-saving technology
BLDC motors

YEN SHEN ELECTRIC IND.CO.,LTD.

01

Chamfering machines to suit all types of materials

We developed the world's first synchronous servo chamfering machine, which can adjust the rotational speed of the machining tools according to the softness or hardness of the work piece material. The chamfering machine has a long temperature phase change, high torque and an efficient cut machining process. Even in extreme continuous use, the machining process is excellent.


In term of operability, the chamfering machine provides the maneuverability of portable models and the stability of desktop models; in addition the multi-handle design can satisfy the operating preferences of most users. In terms of technology, we also developed a new disposable cut-head, with an additional blade to machine 'R' shape as an optional extra. As our customers find out, we put every effort in designing each and every component carefully, and make adjustments with minimal fuss. This all came from our insistence to all the above from 1976...

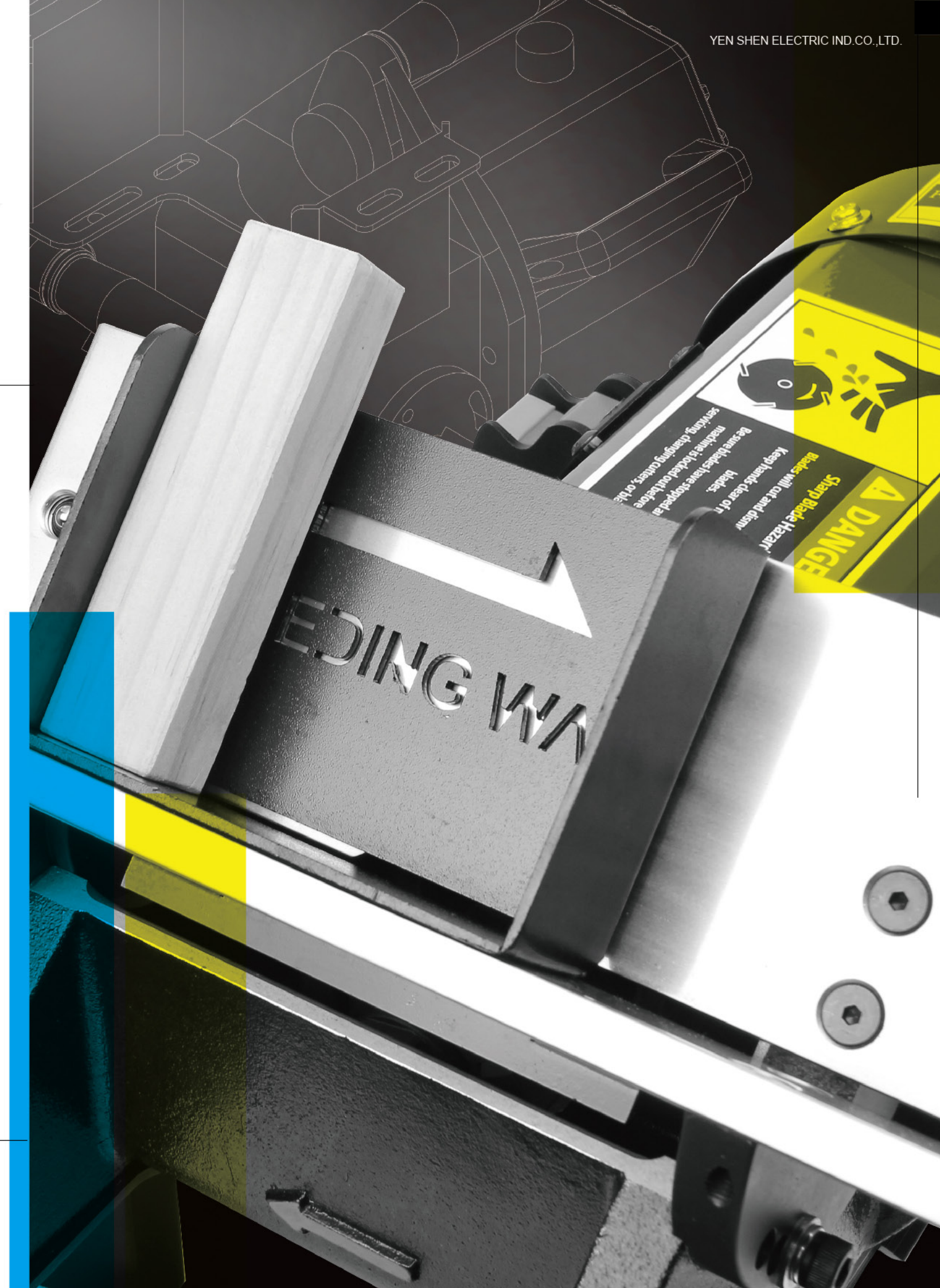
PATENTED

 M 434639
M 423008
D 145494
M 439948

 ZL 201220324010.7
ZL 201130169142.8
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 US D650,333S

 DE Nr.202013001151.3

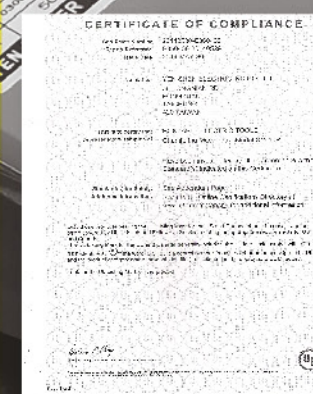
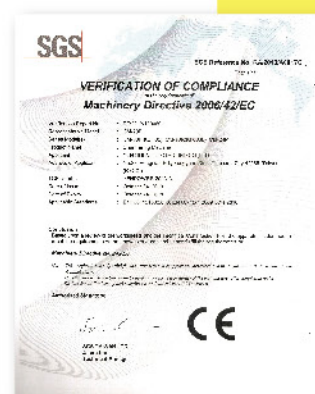
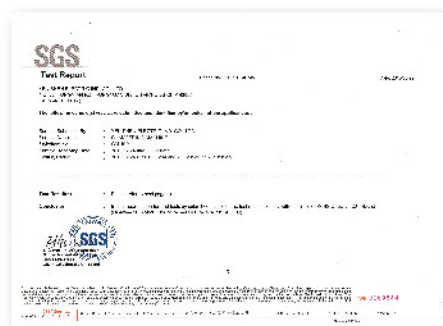
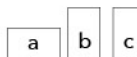


02

Product Features

1. One machine, two functions. Portable or desktop patented chamfering machines can be transformed in one second.
2. Adopting synchronous servo motors which could adjust the rotation speed up to 5,000~6,000 rpm and provide the function of automatic speed feedback. It breaks through the traditional limits of given rotation speed from 50Hz:2,860 to 60Hz:3,450rpm. The rotation speed can be adjusted with the hardness-softness of chamfered materials and chamfered area. It creates a smooth end-face surface and saves your time and strength during your cutting phase.
3. A multi-handle design to satisfy all types of users. You can easily use every kind of handling angles to create the chamfer.
4. Three ball pins are added on the guide plate. The contact area can be adjusted at all times, thereby ensuring a smooth chamfering process.
5. Standard guide plates can be adjusted at three different angles: 15°, 30°, 45°.
6. Temperature protected. When the temperature reaches over 105°C, the power will be automatically cut off.
7. Disposable side milling cutters are adopted. The machine comes with nine disposable blades and five disposable blades(CM-10P*9,CM-10R*5), An optional "inverted R angle" blades(R3 or R5)
8. Chamfering capacity at 45°: front width<7mm (0~7C), side width<10mm (0~10mm/45°).

- a. ROHS Certificate
b. CE Certificate
c. UL Certificate



03

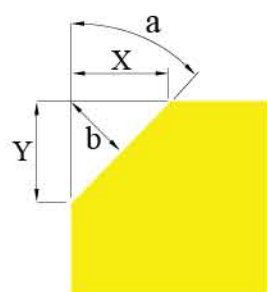
Product Type

CM-10P

Power Input : 110-120V~50-60Hz,220-240V~50-60Hz

Servo Motor Input : DC310V

Speed : 2,000~5,000rpm



a	X	Y	b
45°	7	7	5
30°	3.3	5.8	2.9
15°	1.4	5.2	1.3



Model	CM-10P
Power Input	110-120V~50-60Hz,220-240V~50-60Hz
Amp	10A
Servo Motor Input	DC310V
Output	728W
Speed	2,000~5,000rpm
Chamfering Capacity	0~7C
Chamfering Capacity(Front Width)	<7mm(0~7C)
Chamfering Capacity(Side Width)	<10mm(at 45°)
Chamfering Angle	15°~45°
Carbide Insert	9Pcs
Weight	9.3Kg

04

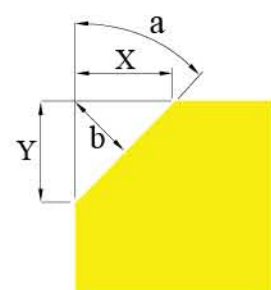
Product Type

CM-10R

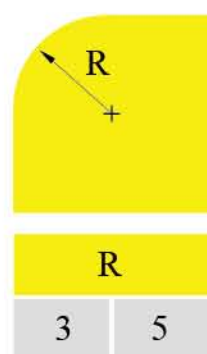
Power Input : 110-120V~50-60Hz,220-240V~50-60Hz

Servo Motor Input : DC310V

Speed : 2,000~6,000rpm



a	X	Y	b
45°	7	7	5
30°	3.3	5.8	2.9
15°	1.4	5.2	1.3



Model	CM-10R
Power Input	110-120V~50-60Hz,220-240V~50-60Hz
Amp	10A
Servo Motor Input	DC310V
Output	728W
Speed	2,000~6,000rpm
Chamfering Capacity	0~7C
Chamfering Capacity(Front Width)	<7mm(0~7C)
Chamfering Capacity(Side Width)	<10mm(at 45°)
Chamfering Angle	15°~45°
Carbide Insert	5Pcs
Weight	8.3Kg

05 Material



Wood Acrylic Phenolic Aluminum Copper Steel Stainless steel

06 Accessory

The Consumer who bought this chamfering machine also buy the Disposable cutting tool.

