



High Born

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## JBZ-M12 Middle-speed Ultrasonic Paper Cup Forming Machine



JBZ-M12 Medium speed Paper cup making machines

### **JBZ-M12 Paper Cup Machine Description :**

Model JBZ-M12 Middle speed Ultrasonic Paper Cup Forming Machine is designed for the market requirement, which has the function of photocell detection, failure alarm, counter and the advantages of humanism design, safer operation and easier maintenance.

It makes both **one-side and two-side** PE-film-coated paper cups after running a whole procedure of automatic pre-printed-fan-shape-paper feeding, cup-side-wall welding(ultrasonic wave), bottom-disc punching and inserting, bottom pre-heating and pre-folding, main heating (hot air), bottom knurling, silicone-oil lubricating(for top curling) and top curling, cup discharging and collection.

It is an ideal equipment of making paper cups for all kinds of drinks(hot and cold) disposable paper cups: paper tea cup, coffee cup, cold-beverage cup,beer cup, ice-cream cup etc.

### **Functions:**

- Hot Air pre heating before cup side welding (get fast speed and stable side welding),
- Ultrasonic Press to welding the cup-side-wall,
- Bottom welding by Hot Air ( available for both single and double PE coated paper cups),
- Adopt Axis, Gears and cam to control the movement (fast speed and more reliable);
- Single turn table (Easy maintenance);
- Automatic Collection system (stock system, easy packing, I.E. every 50pcs count )



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- Automatic oil system, Easy Maintenance.
- PLC Control system: computer control the machine running, automatic fault inspect and alarm .

**JBZ-M12 Paper Cup Machine Technical Specification :**

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- HS. Code: 8441309000
- Paper Cup Size : 3-12oz, height up to 125 mm (mold exchangeable);
- Raw Material : **One-side or two-side** PE(polyethylene) film coated/laminated paper;
- Suitable paper weight : 150gsm--400 gsm (Recommend 190--280 gsm);
- Rated Productivity : **70---80** pcs / minute;
- Total Power : 9 KW;
- Power Source : 380V 50Hz or other required;
- Total Weight : 3000 Kg;
- Package Size (L x W x H) : 2100 x 2050 x 1900 mm;
- Working Air Source: Air pressure:0.4MPa, Air Out-put: 0.6m<sup>3</sup>/minute;
- Making double PE coated paper cups, Need to buy an air compressor.