



HAN JIE

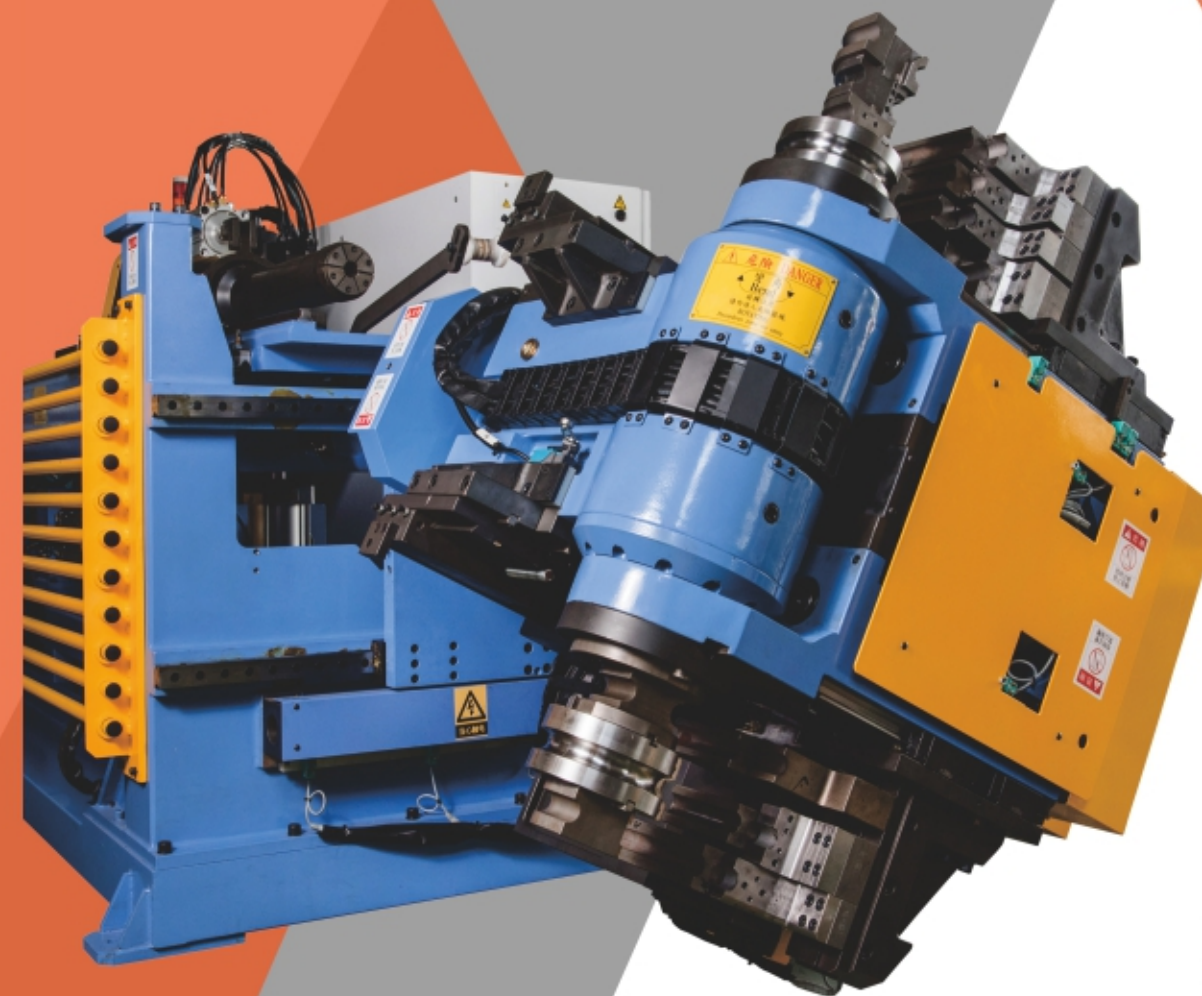
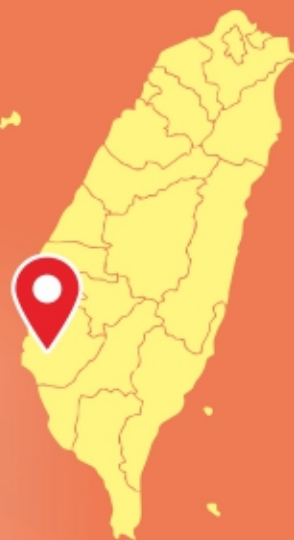
www.hanjie.com.tw

Since 2002



HAN JIE MACHINERY CO., LTD.
Made In Taiwan Professional Tube Bender Maker

TEL: +886-6-593-2525 FAX: +886-6-593-2336
E-mail: sales@hanjie.com.tw hanjie.bender@gmail.com
<http://www.hanjie.com.tw>



CNC SMART TUBE BENDER

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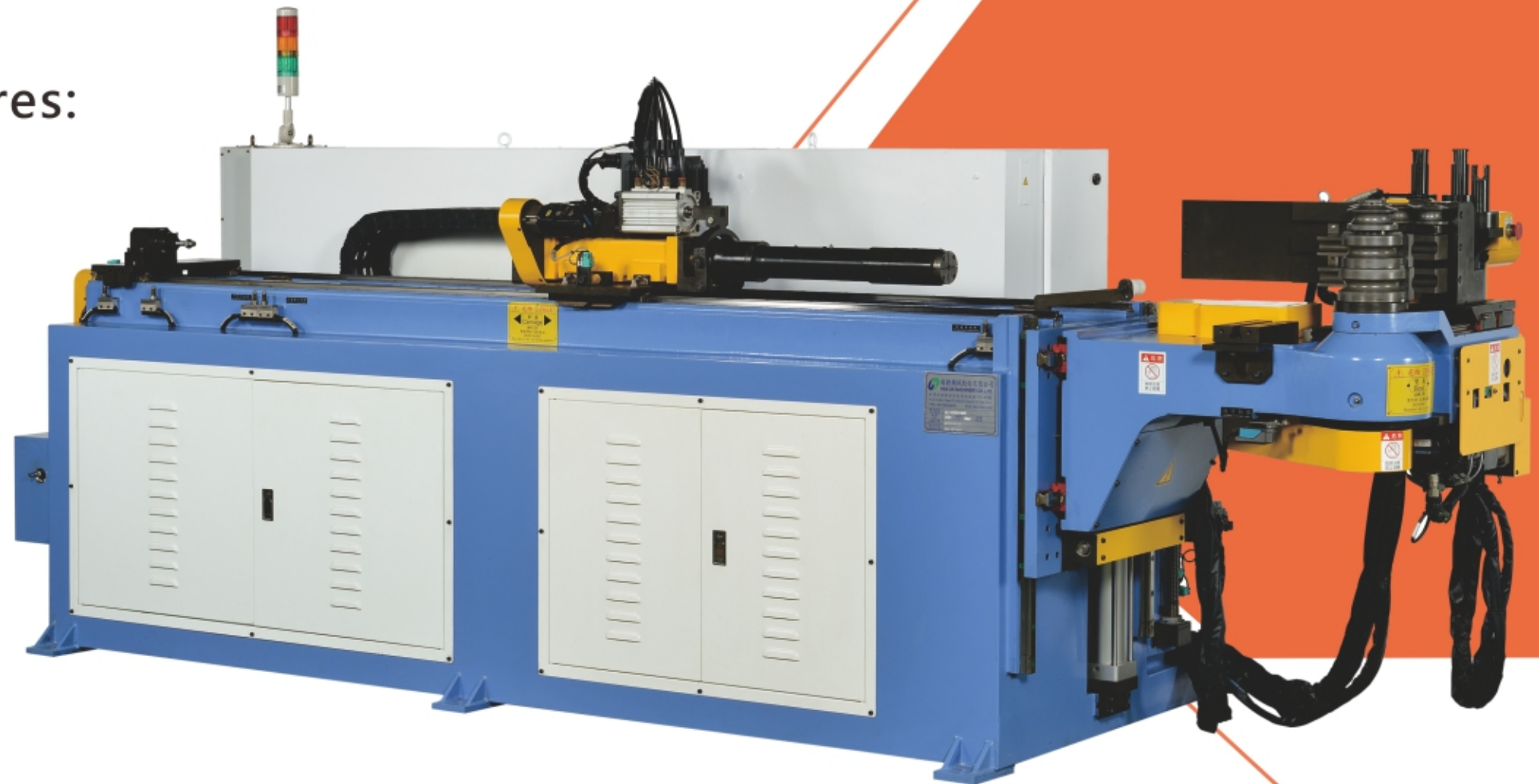


H S Bender –All electric series

Full electric servo motor driven tube bender is the current and future trend in bending field. It's both friendly to users and our Mother earth. Moreover, "Teach mode" is the strongest advantage than hybrid series, easy for users to set up bending mold saving lots of change over time.

Machine key features:

-  Fast production cycle time
-  Teach mode
-  Easy & Fast Mold set up
-  High repeatability of high bending accuracy
-  Oil temperature free
-  Low noise
-  Environmental friendly



| All-Electric series | | HC-160R3-NSM | HC-250R3-NSM | HC-300R3-NSM | HC-380R3-NSM | HC-500R3-NSM | HC-650R3-NSM | HC-900R3-NSM |
|-------------------------------------|------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Model | | | | | | | | |
| Bending capacity | Mild steel (mm) | Ø16 × 1.5T | Ø25.4 × 2.0T | Ø30 × 2.0T | Ø38.1 × 2.0T | Ø50.8 × 2.5T | Ø63.5 × 3.0T | Ø90 × 3.0T |
| | Stainless steel (mm) | Ø12 × 1.5T | Ø22 × 1.5T | Ø28 × 1.5T | Ø32 × 1.8T | Ø45 × 2.0T | Ø50.8 × 2.0T | Ø78 × 2.0T |
| | Square(Mild steel)(mm) | □12 × 1.2T | □22 × 1.2T | □25 × 1.2T | □32 × 1.8T | □45 × 2.0T | □50 × 2.5T | □75 × 2.5T |
| Servo axis | | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Bending Speed (°/sec) | | 800 / ±0.05 | 400 / ±0.05 | 250 / ±0.05 | 200 / ±0.05 | 150 / ±0.05 | 120 / ±0.05 | 80 / ±0.05 |
| Feeding Speed (mm/sec) | | 1200 / ±0.05 | 1100 / ±0.05 | 1200 / ±0.05 | 1200 / ±0.05 | 1400 / ±0.05 | 800 / ±0.05 | 550 / ±0.05 |
| Rotation Speed (°/sec) | | 700 / ±0.05 | 800 / ±0.05 | 900 / ±0.05 | 800 / ±0.05 | 300 / ±0.05 | 400 / ±0.05 | 400 / ±0.05 |
| Max. bending radius (mm) | | 90 | 120 | 120 | 150 | 200 | 250 | 250 |
| Max. effective mandrel Length (mm) | | 1000 | 1500 | 1500 | 2000 | 2500 | 3000 | 2500 |
| Max. bending radius difference (mm) | | 30 | 40 | 40 | 50 | 60 | 65 | 90 |
| Dimension of MC (mm) | | 2700×1250×1700 | 3500×1300×1700 | 3600×1300×1700 | 4200×1500×1700 | 5100×1600×1700 | 6000×1700×1700 | 5200×1800×1800 |
| Weight (kg) | | 1270 | 1500 | 1600 | 2500 | 4900 | 5400 | 10000 |
| Total Power (kw) | | 6.6 | 11.2 | 11.5 | 19.15 | 26.5 | 42.75 | 57.3 |

- Extra mandrel effective mandrel length extendable
- HJ keeps developing new technology so has the right to update machine specification without notice.

Optional Accessories Please check feasibility with HJ sales person

- Punching stack
- Weld Seam detector
- Auto lubrication system
- Automation working cell integration
- Cutting stack
- Tube loading & Off-loading equipment
- Safety protection device (Mat/Raster/Safety scanner..etc)
- 3D measurement software integration