BUSBAR CNC
BUSBAR MACHINERY CORPORATION

LT CNC
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3 in 1 Busbar Machine

(3 pumps, Turret punching double work table,Bending Angle control)

503U–3　503U–3–C

母线加工机 (三泵、转塔双层台、折弯角度数控)

Functions

Cutting, punching (round holes, oblong holes, square holes), chamfering, folding flat bending, vertical bending, U–shaped bending, embossing, flattening, pressing the cable wire head, twisting and so on.

Features

- The cutting station uses a double–column shear structure for smooth cuts without waste, burrs, or corner collapse.
- The punching station features a ductile cast iron four–die rotary table, improving die life and efficiency. Six– or eight–die options are available.
- A mechanical bidirectional positioning device eliminates marking, saving time and boosting efficiency.
- The U–3–C model uses PLC and sensors for precise, memory–enabled bending with error compensation.
- The bending station has a closed structure, ensuring durability and uniformity during flat bending and embossing.
- The U–3–C model allows automatic shutdown during idle time, saving energy.
- Dual worktables enable simultaneous, non–interfering operation of three positions.
- The hydraulic oil tank is made of 3mm steel and phosphated to prevent contamination and corrosion.

Technical Parameters		
型号　Model	503U–3	503U–3–C
Nominal Pressure	500KN	500KN
Max Processing Size	16x200mm	16x200mm
Punching processing range	Φ4.3–32mm	Φ4.3–32mm
Worktable size	First–level table：1600mmx1400mm Second–level table：1020mmx500mm	First–level table：1600mmx1400mm Second–level table：1020mmx500mm
设备尺寸 Size	1920mmx1550mmx1500mm	1920mmx1550mmx1500mm
设备重量 Weight	1870kg	1900kg
CNC Bending Angle	否 NO	是 YES
3 stations working simultaneously	是 YES	是 YES

Random Accessories
Shearing unit: One pair of scissors
Punching unit: Eight sets of punching molds (specifications optional)
Bending unit: One set of U–bends, three sets of flat bends (five pieces total), one set of embossing
Others: One set of random maintenance tools and accessories, three foot switches

01 冲孔模具与样件
01 Punching mold and sample pieces

02 平弯模具及样件
02 Flat bending mold and sample pieces

03 立弯模具与样件
03 Vertical bending mold and sample pieces

04 倒角模具及样件
04 Chamfering mold and sample pieces