AUTOMATIC REBAR CUTTING & BENDING MACHINE

TBC-16RBⅡV

D10-D16

Cut | Bend | TLINKS IoT Solutions

TOYO
Recommended

Cut & bend machine for straight rebar
Suitable for various shapes and high-mix low-volume production
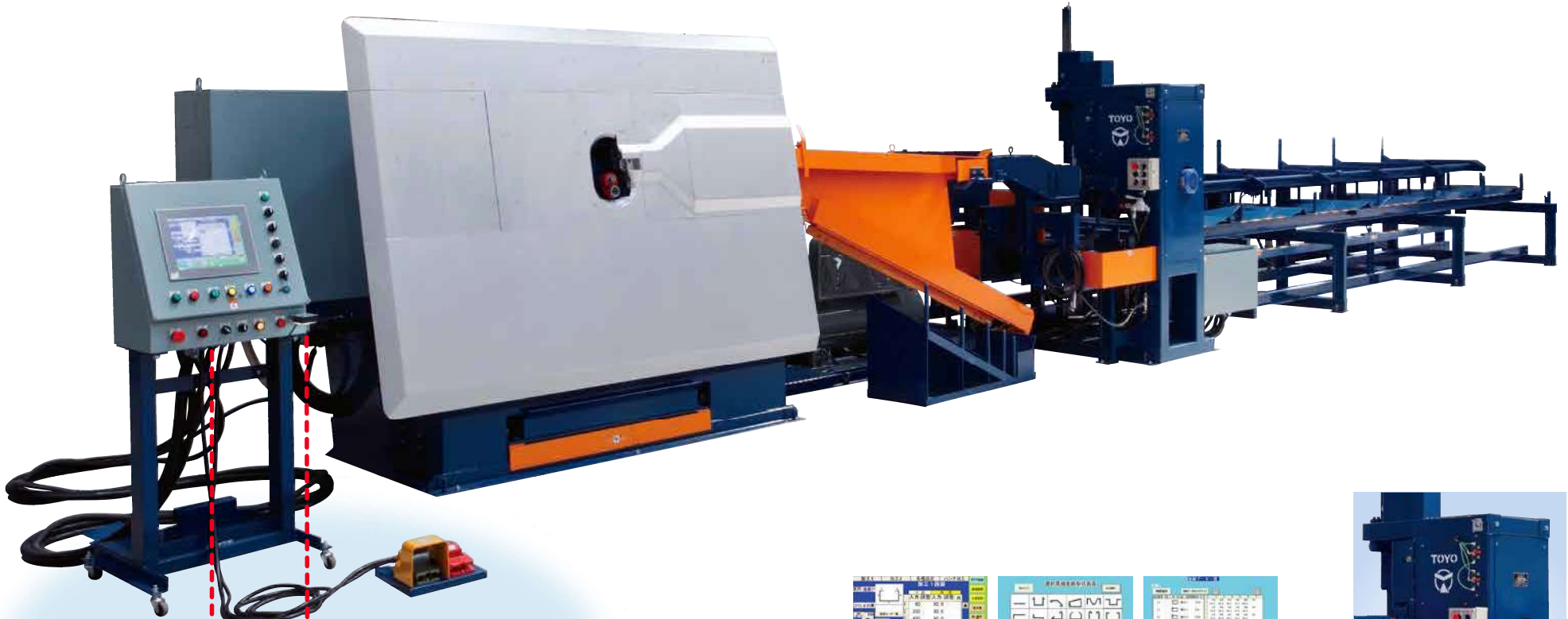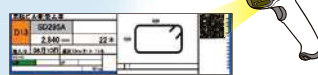

Data transmission makes it more effective!

Transmission of processing data from the office eliminates labor and possible input error by a machine operator. Operational efficiency can be greatly enhanced.

Optional QR code

Scanned data is transmitted to the machine.

Processing screen

Shape list for frequent use

Data register screen

Haunch processing screen

Setting screen

Counter screen

Feeding device

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Cut **Bend** **TLINKS IoT Solutions**

From feeding to cutting and bending by one machine Advanced model reducing manpower and processing time drastically

Automatic feeding

Pick up a rebar

Supply to the pinch rollers
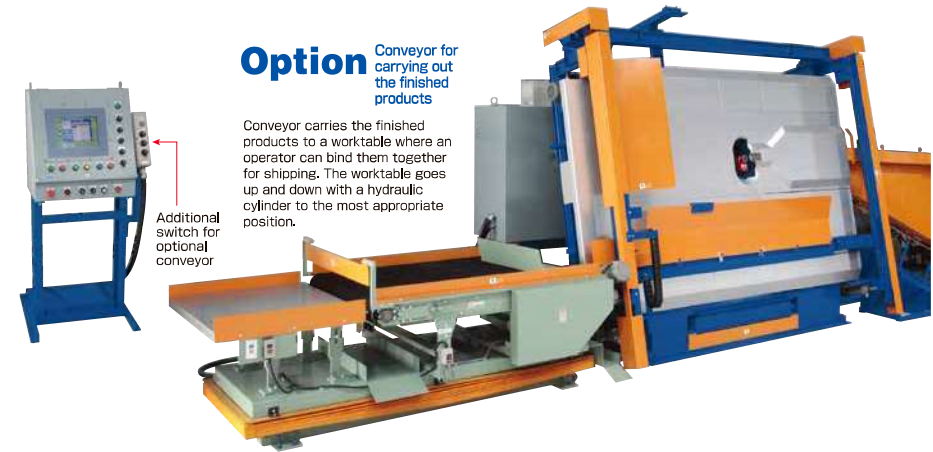
Pick up next rebar

Equipped with scrap collecting tray

Movable material storage for different diameters

Option
Conveyor for carrying out the finished products

Conveyor carries the finished products to a worktable where an operator can bind them together for shipping. The worktable goes up and down with a hydraulic cylinder to the most appropriate position.
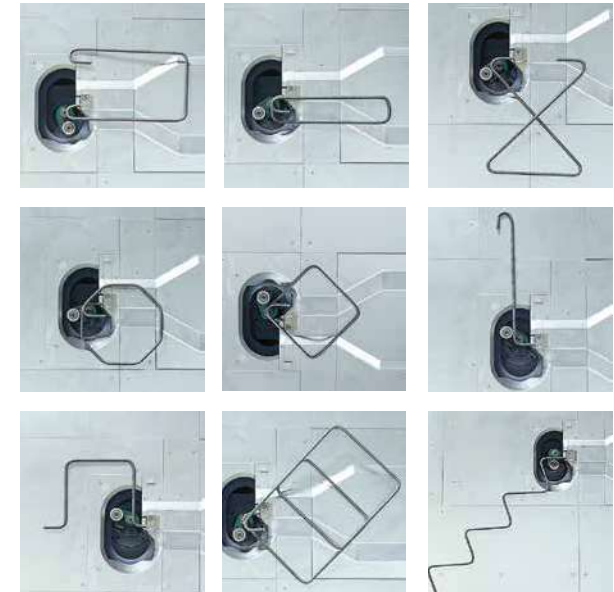
Additional switch for optional conveyor

Eco-friendly machine making efficient use of rebars

Off-cuts are cut to the length for reuse

Bending shape examples

Machine & Processing Specifications

Specifications	TBC-16RBⅡV (12m)
Required breaker capacity	75A
Processable material length	4,000~12,000mm
Max. q'ty loadable on the material plat form	D10:400pcs.,D13:220pcs.,D16:140pcs.
Bending angle	Upward 5°~135° Downward 5°~180°
Bending unit revolution	MAX 187.0 rpm
Feeding speed	MAX 155.0 m/min
Total motor capacity	20.9kW (including air compressor)
Dimensions (L×W×H)	16,400×2,105×2,200mm
Total weight	6,500kg

Simultaneous Max. processing Quantity (pcs.)

Rebar diameter	D10	D13		D16
Fulcrum roller dia.	φ35	φ35	φ39	φ48
SD345	1	1	1	1
SD390	1	1	1	—