

KECMT

Sheet Metal Fabrication Machines

Product Catalogue

Press brakes 30-800 tons · Guillotine and swing shears 4-30 mm · CNC turret punches · Fiber laser cutting ·
Plate rollers · Combo machines

Manufacturer since 2008 · Bowang, Ma'anshan, Anhui, China
CE marked under Machinery Directive 2006/42/EC (certificate CTG250510556B_SC347AQ)

roger@kecmt.com · +86 183 5532 1931 · www.kecmt.com

About KECMT

KECMT designs and builds sheet metal fabrication machinery in our own plant in Bowang, Ma'anshan, China — the heart of the Chinese machine tool cluster. We sell factory-direct to fabrication shops worldwide: no distributor margin, direct access to the engineers who build the machine, and one quotation that includes the tooling.

What we build

Hydraulic, torsion-bar, electro-hydraulic servo and CNC electric-hydraulic press brakes from 30 to 800 tons with beds from 1,600 to 8,000 mm; guillotine and swing-beam shearing machines from 4 to 30 mm plate; CNC turret punching machines; fiber laser cutting machines; plate rollers; brake-and-shear and 3-in-1 combo machines; English wheels and metal forming tools; and complete cable tray production lines.

What comes with the machine

- **Tooling quoted with the machine** — punch, die and clamping system from the same plant, specified before production, not sorted out after delivery.
- **Pre-shipment testing** — every machine runs and is verified against its build sheet before it leaves the floor, with a walkaround video under power before the crate is sealed.
- **Export packing** — plywood crates designed for sea freight, with local trucking to your door.
- **Installation, commissioning and operator training** on your floor, on your own production parts, before the machine is signed off.
- **CE marking** for the models listed on certificate CTG250510556B_SC347AQ (Machinery Directive 2006/42/EC, EN 60204-1:2018, EN ISO 12100:2010).

Quote turnaround: recommended machine, custom tooling drawings and a quotation within three working days of receiving part details (material, thickness, bend length, part depth).

Press brake range

Six press brake series cover the full working range of a fabrication shop. Model numbers encode tonnage over bed length: WC67Y-30T/1600 is 30 tons over a 1,600 mm bed; WE67K-70/2500 is 700 kN (about 70 tons) over a 2,500 mm table.

Series overview

Series	Model	Drive	Tonnage	Bed length	Models
Standard hydraulic	WC67Y / WC67K	Valve-controlled hydraulic	30 - 800 T	1,600 - 8,000 mm	39
Torsion-bar	WC67K	Mechanical torsion-bar sync	30 - 400 T	1,600 - 4,000 mm	22
Electro-hydraulic servo	WE67K	Servo pump control	30 - 400 T	1,600 - 4,000 mm	22
CNC electric-hydraulic	WC67K	Delem DA66T, 4+1 axes, servo	110 T shown, builds to order	4,100 mm and up	to spec
Hybrid	Hybrid series	Pumps on demand	within standard range	within standard range	to spec
Small tonnage	Small series	Hydraulic / servo	30 - 60 T class	short beds	to spec

Representative models

Model	Nominal pressure	Table length	Between housings	Throat depth
WC67Y(K)-30T/1600	300 kN	1,600 mm	1,200 mm	180 mm
WC67Y(K)-100T/3200	1,000 kN	3,200 mm	2,540 mm	320 mm
WC67Y(K)-250T/4000	2,500 kN	4,000 mm	3,100 mm	320 mm
WC67Y(K)-400T/6000	4,000 kN	6,000 mm	4,800 mm	400 mm
WC67Y(K)-800T/8000	8,000 kN	8,000 mm	6,800 mm	500 mm
WE67K-30/1600	300 kN	1,600 mm	1,000 mm	-
WE67K-400/4000	4,000 kN	4,000 mm	3,100 mm	-
WC67K 110T/4100 (CNC)	1,100 kN	4,100 mm	2,600 mm	350 mm

Full model-by-model specification tables — all 130-plus sizes with stroke, motor power, open height and dimensions — are published at www.kecmt.com/products/press-brake-range/

Shearing machines

Series	Class	Plate thickness	Length	Models
Guillotine shear	QC12-class	4 - 30 mm plate	1,600 mm and longer	45
Swing-beam shear	Q11-class	4 - 25 mm plate	2,500 - 3,200 mm	29

Shears are sized to match the brake: the same bed length, the same backgauge class, quoted as a pair so blanking stays in-house.

Other machine lines

Machine line	Key specification
CNC turret punching machine	250 kN press, servo transmission, O-frame, 5,000 mm sheet (with repositioning)
Fiber laser cutting machine	1,500 / 3,000 / 6,000 / 12,000 W; cutting areas to 6 x 2 m; 120 m/min travel
Laser tube cutting machine	1,500 / 3,000 / 6,000 W; tubes 20-200 mm round, square, oval, rectangular
Plate roller	3- and 4-roll, Siemens PLC standard, 42CrMo forged rollers, YUKEN hydraulics
Brake-and-shear 2-in-1	3,200 mm width; bends 2 mm mild steel; slits 1.5 mm stainless
Sheet metal 3-in-1	Shear, bend and punch in one footprint and one power drop
English wheel / forming tools	2000-2600 BPM, 90-120 PSI air, throat 495-610 mm
Cable tray making line	Complete roll-forming line for cable tray production
Robotic press brake cell	Cobot cell, ± 0.03 mm, Delem DA66T with offline simulation

Beyond standard machines

Deep-throat frames for long members, tandem systems for components beyond a single bed, custom bed lengths and non-standard geometry are standing product lines, not exceptions. Retrofit work converts NC and manual machines to CNC — controls, backgauges, tooling — and DIY press brake kits fit 12-20 ton shop presses for shops building their own bending capability.

Service, parts and compliance

Standard export scope

- Written specification sign-off against your part before production starts.
- Pre-shipment testing and a walkaround video under power before the crate is sealed.
- Plywood export crating, sea freight to your nearest port, local trucking to your door.
- Installation, commissioning and operator training on your floor, on your production parts.
- Documentation pack: electrical and hydraulic diagrams, manual, foundation and anchor details, tooling list with part numbers.
- Spare parts answered from the machine's build record — model and serial number on every enquiry.

Compliance

CE marked under the Machinery Directive 2006/42/EC, type tested to EN 60204-1:2018 (electrical equipment of machines) and EN ISO 12100:2010 (risk assessment). Certificate CTG250510556B_SC347AQ, issued 10 May 2025 by Shenzhen CTG Testing Co., Ltd, covering the WC67K main test model and models MD11, KECMT30, KECMT100, KECMT200 and KECMT300. EU authorized representative: Axitera GmbH, Frankfurt am Main. The certificate states its scope precisely — so do we: machines outside the listed models are quoted without the CE claim.

Contact

Email	roger@kecmt.com
Tel / WhatsApp	+86 183 5532 1931
Website	www.kecmt.com
Works	East industrial zone, Bowang, Ma'anshan, Anhui, China
Quote	Recommended machine, custom tooling drawings and price within 3 working days

Send a drawing, a photo, or just material, thickness, longest bend length and part depth — and we will come back with the configuration that fits, or tell you a different machine type is the honest answer.