

CLASSICS

The C Series



BIG GUNS

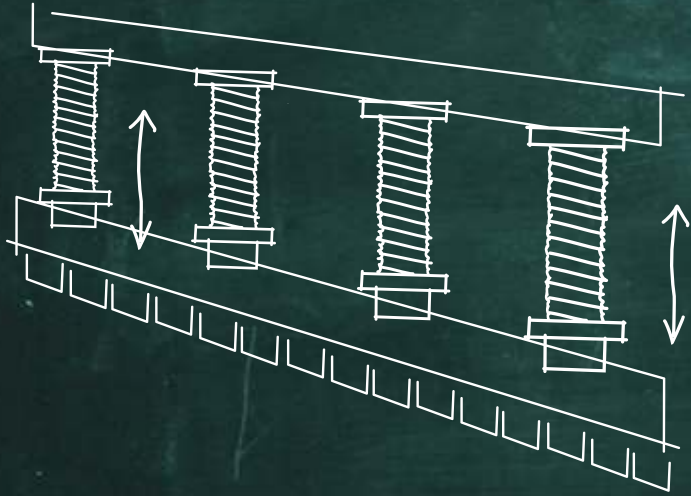
The G Series

Come



The Ballscrews!

The heart and soul of CoastOne Press Brakes



But why? Well, because:

It's ACCURATE

Very, very accurate. It's the one that makes Coastone Press Brakes so precise.

It's ELECTRIC

It is pretty silent. Maybe you'd like to hear something else than a roaring machine. I know I would.

It's got GREEN TECHNOLOGY

All electric means no oil. No need to pollute the environment.

Do your part and save the planet.



The original C-Series. They've got ballscrews

cone C SERIES



Built in Finland, home to Europe's higher quality machine exports. These machines are all electric, servo-driven, built to run for decades in most demanding environments. They will last from father to son.

As standard, they have user-friendly Cone TC programming that even the newest operators can run expertly on their first day.

- **All Servo Electric**
- **Accurate**
- **Ergonomic**
- **Ecologically Friendly**
- **Low Operating Costs**

Thanks to the simple drive system, the average power consumption of the CoastOne is only 1-3 kW. The absence of a hydraulic system eliminates expensive hydraulic fluid changes, spare parts, valves and maintenance expenses, common to hydraulic press brakes.

More detailed info from the website, or one of our friendly sales person.



The g-Series. They've got **Great** Crowning

cone G SERIES

The closed O-frame suits excellent for bigger press brakes. O-frames deflect different than C-frames: Less vertical and horizontal deflecting. That is less weight, better accuracy.

The bigger Cones have a **Multi Servo Bending and Crowning**. The same, high precision ballscrews do the crowning.

The upper beam is "following" the lower beam and the servo ballscrews correct individually the parallelity in steps of less than 5 microns.

Despite the **superior kinematic of the servo technology**, compared to the hydraulic; the oil free technology saves environment, needs minimal maintenance and gives superior accuracy.

The Multi-CNC-axis crowning is a unique system.

Each axis of the upper beam works simultaneously as a crowning axis. In that way, the upper beam can be CNC deflected. Each axis works separate and independently, according the needs, without making compromises.

This is CoastOne's unique direct crowning.



cone
G20

cone
G25

cone
G30

cone
G40

cone
G50

cone
G60



Control unit Cone TC 8 with PC screen for graphical functions.



600 mm daylight (G-series). Wila tooling.



5-axis back gauge - BG5.



Promecam tooling (European style tooling).



C-Series Cone C15, C-frame machine.



G-Series Cone G40. O-frame machine with sheet followers.



Servo electric sheet followers.

Technical data

| Technical Data | | Cone C9 | Cone C9 X | Cone C12 | Cone C12 X | Cone C15 | Cone C15 X | Cone G20 | Cone G25 | Cone G30 | Cone G40 |
|--------------------------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Press tonnage | kN(US tons) | 220(24) | 220(24) | 440(48) | 440(48) | 440(48) | 440(48) | 600(67) | 800(89) | 1000(111) | 1500(166) |
| Motor power | kW | 5 | 5 | 2x5 | 2x5 | 2x5 | 2x5 | 3x5 | 4x5 | 5x5 | 6x5 |
| Max. bending length (D) | mm | 850 | 850 | 1300 | 1300 | 1600 | 1600 | 2040 | 2550 | 3060 | 4080 |
| Distance between side frames | mm | 790 | 790 | 1250 | 1250 | 1550 | 1550 | 2200 | 2700 | 3200 | 4200 |
| Frame width (A) | mm | 1440 | 1440 | 1930 | 1930 | 2230 | 2230 | 2990 | 3500 | 4010 | 5030 |
| Frame height (B) | mm | 2200 | 2500 | 2150 | 2450 | 2150 | 2450 | 2500 | 2650 | 2830 | 2950 |
| Frame depth (C) | mm | 1280 | 1280 | 1550 | 1550 | 1550 | 1550 | 1780 | 1780 | 1780 | 1780 |
| Throat depth | mm | 150 | 150 | 150 | 150 | 150 | 150 | O-frame | O-frame | O-frame | O-frame |
| Table height | mm | 850 | 850 | 820 | 820 | 820 | 820 | 900 | 900 | 900 | 900 |
| Weight | kg | 1800 | 2000 | 2800 | 3000 | 3000 | 3200 | 5100 | 6500 | 7500 | 10000 |
| Daylight | mm | 500 | 650/800 | 500 | 650/800 | 500 | 658/800 | 600 | 600 | 600 | 600 |
| Y-axis stroke | mm | 250 | 250 | 250 | 250 | 250 | 250 | 280 | 280 | 280 | 280 |
| Y-axis repeating accuracy | mm | +/-0.002 | +/-0.002 | +/-0.002 | +/-0.002 | +/-0.002 | +/-0.002 | +/-0.002 | +/-0.002 | +/-0.002 | +/-0.002 |
| Y-axis max. working speed | mm/s | 10(20*) | 10(20*) | 10(20*) | 10(20*) | 10(20*) | 10(20*) | 10(20*) | 10(20*) | 10(20*) | 10(20*) |
| Y-axis approach speed | mm/s | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 80 |
| Y-axis return speed | mm/s | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 80 |
| X-axis speed | mm/s | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 |
| X-axis accuracy | mm | +/-0.025 | +/-0.025 | +/-0.025 | +/-0.025 | +/-0.025 | +/-0.025 | +/-0.025 | +/-0.025 | +/-0.025 | +/-0.025 |
| X-axis stroke | mm | 400 | 400 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 |
| X-axis max. position dimension | mm | 550 | 550 | 750 | 750 | 750 | 750 | 750 | 750 | 750 | 750 |
| Delta X-axis speed | mm/s | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Delta X-axis accuracy | mm | +/-0.025 | +/-0.025 | +/-0.025 | +/-0.025 | +/-0.025 | +/-0.025 | +/-0.025 | +/-0.025 | +/-0.025 | +/-0.025 |
| Delta X-axis stroke | mm | +/-50 | +/-50 | +/-50 | +/-50 | +/-50 | +/-50 | +/-50 | +/-50 | +/-50 | +/-50 |
| R-axis speed | mm/s | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| R-axis accuracy | mm | +/-0.05 | +/-0.05 | +/-0.05 | +/-0.05 | +/-0.05 | +/-0.05 | +/-0.05 | +/-0.05 | +/-0.05 | +/-0.05 |
| R-axis stroke | mm | 140 | 140 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 |
| Z-axis speed | mm/s | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1500 | 1500 | 2500 | 2500 |
| Z-axis accuracy | mm | +/-0.5 | +/-0.5 | +/-0.5 | +/-0.5 | +/-0.5 | +/-0.5 | +/-0.5 | +/-0.5 | +/-0.5 | +/-0.5 |
| Z-axis stroke | mm | 120 to 730 | 120 to 730 | 120 to 1180 | 120 to 1180 | 120 to 1480 | 120 to 1480 | 100 to 1940 | 100 to 2450 | 100 to 2960 | 100 to 3980 |
| Control | | Cone TC 8/15 | Cone TC 8/15 | Cone TC 8/15 | Cone TC 8/15 | Cone TC 8/15 | Cone TC 8/15 | Cone TC 8/15 | Cone TC 8/15 | Cone TC 8/15 | Cone TC 8/15 |



**MADE IN
FINLAND**

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