



THE

**BULL**

SERIES





# ***NO COMPROMISE.***

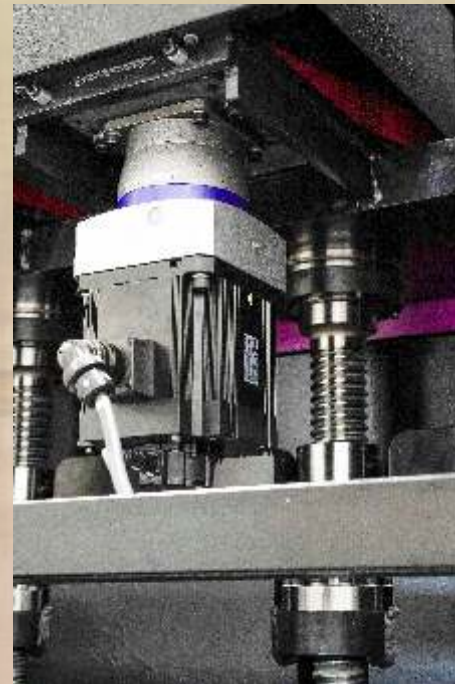
## ***RAW POWER WITH UNMATCHED PRECISION***

### **Introducing The Bull Series.**

Built in Finland, home of Europe's highest quality machine exports. These machines are all electric, servo-driven, built to run for decades in the most demanding environments.

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

Thanks to the simple drive system, the average power consumption of the Bull Series 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.



The Bull Series includes Coastones's standard, user-friendly Cone TC programming. Even inexperienced operators will be making parts on their first day.



**MADE IN  
FINLAND**



The closed O-frame construction is designed for high tonnage press brakes. Unlike C-frames, O-frames have less vertical and horizontal deflecting. That means less weight, better accuracy and a ***small footprint with big power.***

Compared to outdated hydraulic systems, Coastone's environmentally-friendly servo technology requires minimal maintenance and combined with our ball screw system delivers superior power and accuracy.



***Small footprint, big power.***  
***You only need the length you bend!***

***THE BULL SERIES***  
***ACCURACY MATTERS!***





# Bull technical data

Technical Data	DIM.	Bull 12	Bull 15
Press tonnage	kN(US tons)	1000(110)	1500(160)
Motor power	kW	2 x 5	3 x 5
Max. bending lenght (D)	mm	1320	1620
Distance between side frames	mm	1390	1690
Frame width (A)	mm	2200	2500
Frame height (B)	mm	2650	2950
Frame depth (C)	mm	1760	1760
Throat depth	mm	O-frame	O-frame
Table height	mm	900	900
Weight	kg	4500	5500
Daylight	mm	600	600
Y-axis stroke	mm	250	250
Y-axis repeating accuracy	mm	+/-0.002	+/-0.002
Y-axis max. working speed	mm/s	10(20*)	10(20*)
Y-axis approach speed	mm/s	40	40
Y-axis return speed	mm/s	40	40
X-axis speed	mm/s	500	500
X-axis accuracy	mm	+/-0.025	+/-0.025
X-axis stroke	mm	600	600
X-axis max. position dimension	mm	750	750
Delta X-axis speed	mm/s	100	100
Delta X-axis accuracy	mm	+/-0.025	+/-0.025
Delta X-axis stroke	mm	+/-50	+/-50
R-axis speed	mm/s	100	100
R-axis accuracy	mm	+/-0.05	+/-0.05
R-axis stroke	mm	200	200
Z-axis speed	mm/s	1000	1000
Z-axis accuracy	mm	+/-0.5	+/-0.5
Z-axis stroke	mm	120 to 1100	120 to 1400



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