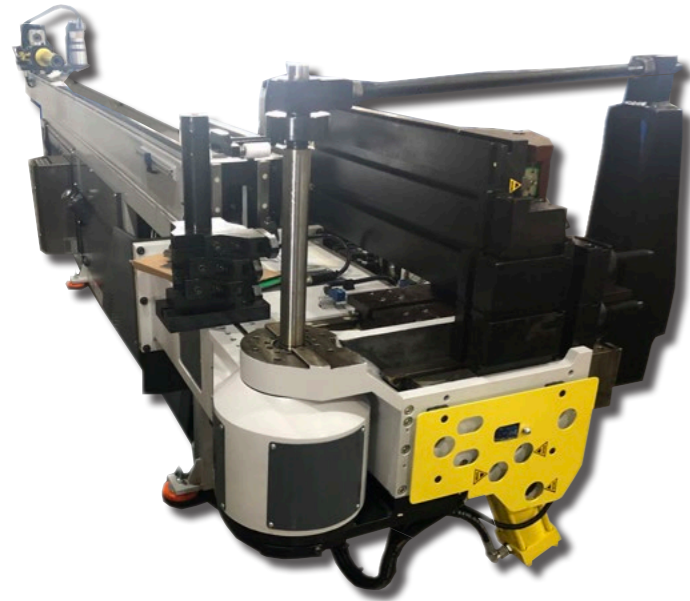


Unison Quality



Standard servo axis

- Distance between bends
- Plane of bend
- Degree of Bend

Servo driven carriage utilising precision rack & pinion, carriage boost for roll forming, integrated gearbox reducer with multi-layer drive chain.

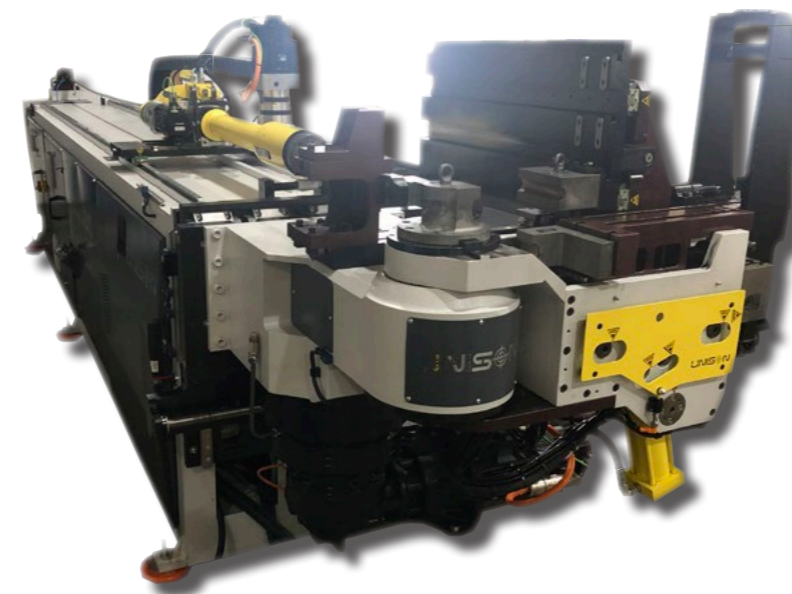
Synergy 50mm Specification

Bending Torque	5,000 Nm
Bending Capacity	50.8 x 2.55mm
Collet Capacity	50.8mm
Y Axis (DBB)	1000 mm/sec
B Axis (POB)	200 deg/sec
C Axis (Bend)	90deg/sec
Max Bend Radius	170mm
Max Bend Angle	180deg
Max Tube Length	4.0m (6.0m)
Max Tube Length @ Collet Cap of 38.1mm	5.5m (7.5m)
Repeatability/Accuracy	Feed 0.1 mm Bend 0.1 deg Rotation 0.1 deg
Length	6.5 m (8.5 m)
Width	1.2 m
Load Height	1.1 m
Power Supply	400 VAC for 50Hz

Hybrid Bending

Synergy 80mm Specification

Bending Torque	25,000 Nm
Bending Capacity	76 x 3 mm
Collet Capacity	80 mm
Y Axis (DBB)	1000 mm/sec
B Axis (POB)	200 deg/sec
C Axis (Bend)	45 deg/sec
Max Bend Radius	260 mm
Max Bend Angle	180 deg
Max Tube Length	4.0 m (6.0 m)
Max Tube Length @ Collet Cap of 38.1mm	5.5 m (7.5 m)
Repeatability/Accuracy	Feed 0.1 mm Bend 0.1 deg Rotation 0.1 deg
Length	6.9 m (8.9 m)
Width	1.4 m
Load Height	1.3 m
Power Supply	400 VAC for 60Hz



Comes with

- Eaton hydraulic control gear
- Integrated hydraulic unit
- Air-cooled hydraulic system
- Hydraulic oil thermometer controller
- Hydraulic normal & low-level indicator lights
- Manually adjustable clamp & pressure die