



**PARMIGIANI VBH 460 CNC 4-ROLL PLATE BENDING MACHINE**  
**-CAPACITY-**

Capacity for carbon steel with a Yield strength up to **38,000 PSI**

- For internal bending diameter  $\geq \text{Ø } 90.0''$ , maximum plate thickness of **1.563''**
- For internal bending diameter  $\geq \text{Ø } 54.0''$ , maximum plate thickness of **1.438''**
- For internal bending diameter  $\geq \text{Ø } 25.3''$ , maximum plate thickness of **1.250''**

\*PRE-BENDING CAPACITY IS ABOUT 15% LOWER THAN ROLLING CAPACITY

Plate Width	Pre-Bending	Rolling	Rolling	Rolling
	Ø 25.3	Ø 25.3	Ø 54.0	Ø 90.0
120	1.000	1.250	1.438	1.563
113	1.020	1.275	1.467	1.594
108	1.036	1.295	1.490	1.619
103	1.057	1.321	1.520	1.652
100	1.076	1.345	1.547	1.682
96	1.097	1.371	1.577	1.715
88	1.115	1.394	1.603	1.743
83	1.136	1.420	1.634	1.776
78	1.156	1.445	1.662	1.807
72	1.174	1.468	1.688	1.835
68	1.209	1.511	1.739	1.890
64	1.237	1.546	1.779	1.933
60	1.264	1.580	1.818	1.967
55	1.292	1.615	1.858	2.019
48	1.344	1.68	1.933	2.101
44	1.391	1.739	2.000	2.174
40	1.443	1.804	2.075	2.255

\*ALL UNITS ARE IN INCHES



**PARMIGIANI VBH 460 CNC 4-ROLL PLATE BENDING MACHINE**

**-CAPACITY-**

Capacity for carbon steel with a Yield strength up to **50,000 PSI**

- For internal bending diameter  $\geq \text{Ø } 90.0''$ , maximum plate thickness of **1.375''**
- For internal bending diameter  $\geq \text{Ø } 54.0''$ , maximum plate thickness of **1.250''**
- For internal bending diameter  $\geq \text{Ø } 25.3''$ , maximum plate thickness of **1.063''**

\*PRE-BENDING CAPACITY IS ABOUT 15% LOWER THAN ROLLING CAPACITY

Plate Width	Pre-Bending	Rolling	Rolling	Rolling
	Ø 25.3	Ø 25.3	Ø 54.0	Ø 90.0
120	0.750	1.063	1.250	1.375
113	0.765	1.084	1.275	1.403
108	0.777	1.101	1.295	1.425
103	0.793	1.124	1.321	1.453
100	0.807	1.144	1.345	1.480
96	0.823	1.166	1.371	1.508
88	0.836	1.185	1.394	1.533
83	0.852	1.208	1.420	1.562
78	0.867	1.229	1.445	1.590
72	0.881	1.248	1.468	1.614
68	0.907	1.285	1.511	1.662
64	0.928	1.315	1.546	1.701
60	0.948	1.344	1.580	1.738
55	0.969	1.373	1.615	1.777
48	1.008	1.429	1.680	1.848
44	1.043	1.479	1.739	1.913
40	1.082	1.534	1.804	1.984

\*ALL UNITS ARE IN INCHES