

SPECIFICATIONS

Specifications			GEMINI802
Blade Size (OD x Bore)			255mm - 350mm x 32mm
Capacity (Pipe & Tubing)	Single Bar	Max.	○ 3.15", □ 2.76" x 2.76", ▭ 3.15" x 2.36"
		Min.	○ 0.59", □ 0.59" x 0.59", ▭ 0.79" x 0.59"
*1	Two Bar	Max.	○ 1.57", □ 1.18" x 1.18", ▭ 1.18" x 0.79"
		Min.	○ 0.39", □ 0.47" x 0.47", ▭ 0.59" x 0.39"
Load Capacity of Magazine		Max.	6,614 lbs.
Blade Speed			33 - 200 rpm (by Inverter)
Cut Off Length	Max.	19.69"	
	Min.	0.59"	
Material Length			137.80" - 244.09"
Remnant Length (Min.)			0.79"
Saw Blade Motor			7 HP
Machine Dimensions			338.58" x 98.43"
Machine Weight			5,843 lbs.
Loading Unit Weight			3,969 lbs.

*1 Depending on the shape or size of material, changing of vise jaws may be required.

ACTUAL CUTTING RESULTS

Number of Cut Off Pieces / Hour (Material: Welded Seam Tubing)

OD	WT	Cut Off Length				
		0.79"	1.81"	1.57"	1.97"	2.36"
0.59"	0.059"	4,680	4,480	4,240	4,190	4,050
0.79"	0.059"	4,030	3,930	3,840	3,740	3,650
0.98"	0.059"	3,670	3,560	3,490	3,430	3,330
1.18"	0.079"	2,680	2,630	2,590	2,550	2,500
1.57"	0.079"	2,290	2,260	2,230	2,200	2,170
1.97"	0.079"	1,200	1,160	1,120	1,080	1,040
2.36"	0.118"	790	760	730	700	670
2.76"	0.118"	620	590	560	530	500
3.15"	0.118"	510	480	450	420	390

Two Bar Cutting
 Single Bar Cutting

Amada reserves the right to change specifications and/or accessories at any time without prior notice.

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Full Automatic CNC High Speed Circular Sawing System

GEMINI802

*AUTOMATIC SAWING MACHINE FOR CUTTING
UP TO 2 BARS SIMULTANEOUSLY!!!*



Groundbreaking Ultra High Speed Pipe Cutter, **GEMINI802 !!**

GEMINI802 greatly improves productivity while requiring much less space and manpower.

HIGH PRODUCTIVITY! — Well-Thought-Out Design

- **Two Bar Cutting:** Dual material clamping and cutting doubles the productivity.
- **7HP Blade Driving Motor:** High precision cutting and outstanding cutting rates are achieved.
- **Ball Screw + Servomotor:** Material indexing device enables high-speed positioning without the loss of accuracy.
- **Unique Vise System:** The minimum material remnant length is approximately 3/4".
- **Sling Type Magazine:** Large capacity, long run automatic operation is attained.
- **Re-Sharpenable High Speed Steel Blade:** Specially designed blades for extended tool life.

HIGH PRECISION! HIGH QUALITY!

- **High Quality, Rigid Construction:** Eliminates the possibility of material movement; assuring accuracy, high productivity, and extended longevity.
- **Servomotor Feed / Flood Coolant System / Vise Pressure Reduction Valve:** To name a few of the standard features showing Amada's devotion to customer satisfaction.



EASY OPERATION! AUTOMATIC CONTROL! — Computerized Numerical Control Function

- **Simple Data Entry:**
 - 1) Blade Information (OD, thickness & pitch)
 - 2) Material Information (OD, WT, & material grades)
 - 3) Production Information (length & quantity)
- **Automatic Job Set-Up:** The CNC controller automatically calculates blade speed and feeds; totally eliminating cumbersome calculations that consume time and create errors.
- **Quick Blade Change & Easy Set-Up:** Make job dimension changes effortless.

