

# C4+ 12kw MAX

2000x4000 mm (6'x13')

The fiber laser cutting systems known **C Series**, feature an optional complete enclosure of the cutting envelope, which isolates laser radiation and pollution offering higher safety levels. Smoke and dust produced during cutting is automatically collected to ensure a clean operating area.

These machines also feature an intelligent anti-collision system. This 360° radar system can detect any obstacles in advance and Z axis high-speed motion will be activated to immediately avoid obstacles, avoiding collisions. This function reduces the damage rate of the laser head, and accordingly reduces maintenance cost and prolongs the service life of the machine.



## Scanning Cutting Now Available!

Increasing max cutting thickness, cutting speed, and/or cutting of reflective materials, requires the addition of Scanning Cutting to your Bodor laser system. This new category of laser cutting allows the beam to cover 30 meters for every one meter cut by moving in a spiral pattern. This increases the exposure of the beam, increasing speed and power. The risk of damage to the laser head from beam reflection is also eliminated due to the speed at which the laser head moves in the spiral pattern, effectively keeping the delicate lenses out of the line of fire from reflections.

## Standard Configuration

- 21" touchscreen control
- Wireless remote control
- Automatic collision avoidance
- Auto-focus cutting head
- Shuttle tables (16 seconds)
- Tenon and mortise base
- Water chiller
- Dust removal fan
- Automatic gas adjustment

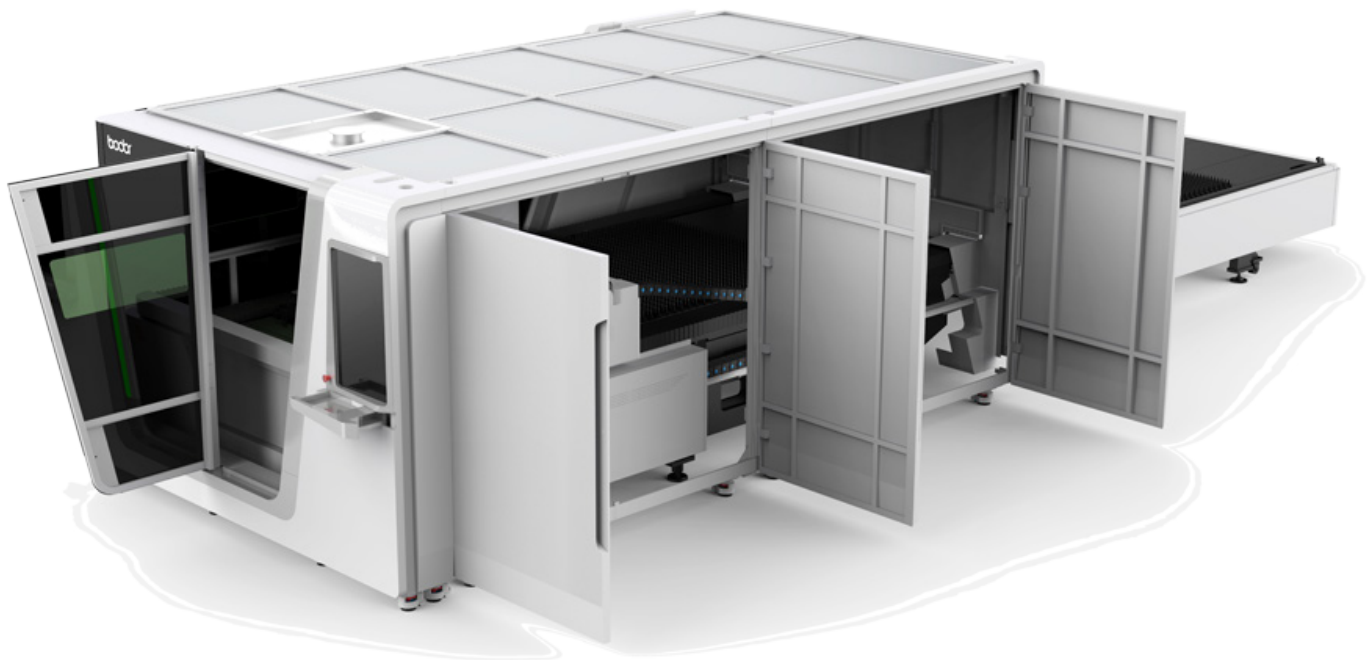


Specifications	
Working area	2000x4000 mm (6x12')
Laser power	12 kW
Machine bed	Welded
Positioning accuracy	0.05 mm (0.002")
Repeatability	0.03 mm (0.001")
Indexing speed	110 m/min (360'/min)
Max acceleration	1.5 G
Z-Axis travel	300 mm (11.8")
Table load capacity	1600 kg (3250 lbs)
Shuttle table exchange	16 sec
Laser head	Genius
Control system	Cutting 2.0   Thinker 3.0
Servo drive	Schneider
Dimensions	11084x2995x2055 mm 436x118x81"
Weight	6000 kg (13,200 lbs)

\*Special price valid only on in-stock machine.

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## C4 + 12 kW MAX Scanning Cutting Speeds

Thickness		20 Ga	14 Ga	11 Ga	3/16"	1/4"	3/8"	1/2"	5/8"	3/4"	1"	1 1/4"	1 1/2"	1 3/4"
Speed Feet per Minute	Carbon Steel	30 - 36	16 - 24	12 - 18	12 - 17	10 - 14	7 - 12	4 - 12	4 - 10	3 - 9	1.5 - 5.5	1.6 - 4	0.6 - 2	0.5 - 1.5
	Stainless Steel	230 - 275	125 - 165	115 - 150	65 - 105	40 - 50	20 - 25	13 - 20	7 - 10	4 - 9	1.5 - 5	1.6 - 4	1 - 2	0.5 - 1.5
	Aluminum	200 - 275	45 - 165	115 - 150	65 - 115	40 - 60	15 - 35	13 - 20	5 - 10	3 - 8	1 - 3.25	1 - 2.5	0.5 - 1.5	
	Brass	180 - 215	125 - 140	60 - 100	50 - 66	25 - 40	15 - 20	10 - 16	3.25 - 6.5	2.5 - 4	1 - 3.25	0.5 - 1.5		
	Copper	115 - 150	80 - 100	55 - 65	40 - 50	20 - 25	12 - 15	6.5 - 10	4 - 5	2.5 - 4				



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