

SERIES

COMPACT LASER CUTTING MACHINE

(1.5kW-12kW)



For more information, please go to the website: www.bodor.com



INTRODUCTION

Now the company has more than 2,000 employees from more than 20 countries around the world. Headquartered in Jinan, China, Bodor sets up 9 oversea subsidiaries, respectively in the US, India, Hungary, Turkey, Brazil, Mexico, Japan, South Korea, and Germany. The global footprint of Bodor has now covered over 180 countries and regions on six continents, building a complete sales channel and service network around the world to provide global customers with the best laser cutting application solutions.

51000m²

7000+

2000+

Production Base

Delivery Capability

Global Employees







COMPANY HISTORY

2018

Won award of Reddot

2017

Launched BodorPro , BodorGenius

2016

Luanched the high power series S 2021.12

Sales of 10kW+ machines reaches 1000 units

2021.5

World premier of 22000W laser together, unique in the world

2021.4

Won two iF design awards with Dream-series and A2.0-Series Dare to DREAM **Bodor Never Stop**

> 2008

2008 10

Company established

>2016-2018

>2021

>2010-2015

> 2019-2020

>2022-Present

2010

Started International business with CE, FDA qualified

2013

Bodor Laser first fiber laser cutting machines launched

2015

"Bodor" trademark registered in over 140 countries

2019

Won iF design award

World premier of 25000W and 30000W laser cutting machines

2020

World premier of 40000W laser cutting machines

2022.3

Launched the category creator— Laser Scanning Cutting Machine



GLOBAL NETWORK



ULTRA-HIGH POWER CAPABILITY

World premier

World premier of 25000w, 30000w, 40000w and world unique 22000w laser cutting machine.

• Sales record(Until 31th, Dec. 2021)

Choice of 1000 companies $\,$ worldwide on 10kW+ laser cutting machines, in 46 different countries and regions

No. 1

Leading sales volume of 10kW+ laser cutting machines



R&D CAPABILITY



- Strong R&D team lead by the drafter of National Standards for CNC laser cutting machines
- Over 200 R&D Technicians, the R&D level is in line with international standards
- 10 subdivision platforms, including plate cutting, pipe cutting, application engineering, etc.
- 2 core R&D Centers in China and 4 overseas Technology Centers
- More than 200 patent certificates, 5 international awards, 22 industry awards

R&D Team

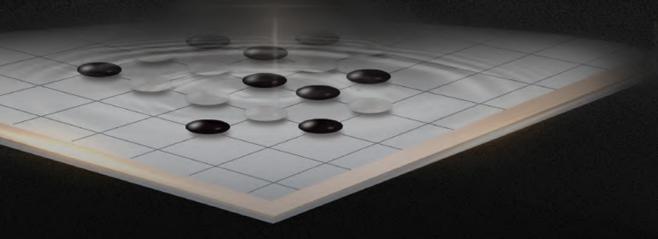
Patents

R&D Platform



THE BLACK GO CHESS





Black Go chess — inspired by Go

Circular — endless loop, endless exploration

Black — derived from obsidian crystal, steady and deep





SMALL IN SIZE, MORE IN FLEXIBILITY



- The compact design with small space occupation
- Full enclosed protection and isolated work area completely isolate smoke and laser radiation.



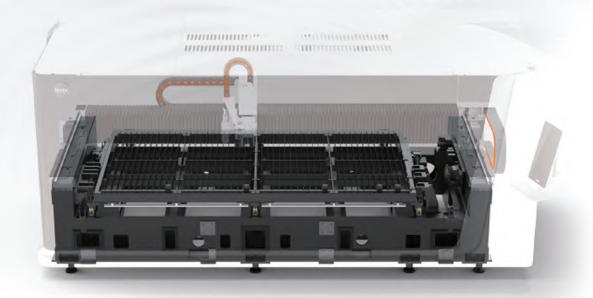
SELF-DEVELOPED CONTROL SYSTEM



- Bodor Laser independent research and development system, perfect combination with BodorGenius laser head, brings to customers upgraded cutting technology and efficiency.
- BodorThinker
 - Integration of CAD and CAM can directly identify drawings and nest
 - Good adaptability, support G code(NC). DXF. PLT. ENG and other file formats
 - The newly added batch processin function, in conjunction with the processing database, makes it more convenient in batch cutting.
 - The updated CAM logic and more open CAM function make it more convenient to change drawings, use more comprehensively, and easier to cut.



INTELLIGENT FUNCTIONS



Automatic lubrication system

• Automatic lubrication system provides timing and ration lubricating oil for equipment to ensure its normal and high speed operation, and owns functions of abnormal alarm and liquid level alarm. The system greatly enhances cutting accuracy and effectively extends service life of transmission mechanism.

Intelligent travel protection

• Automatically monitor operation range of crossbeam and cutting parts, keeping operation within machining range. Double guarantees of fixed limitation greatly improve equipment and personal safety, minimizing the using risks.



INTELLIGENT FUNCTIONS

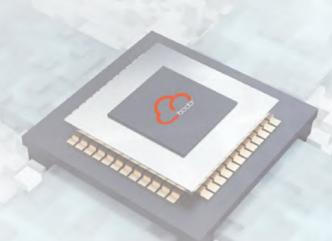


A new generation of safety following module

• Laser head keeping distance with work piece in cutting process can reduce collision risks. It will stop cutting when colliding plate. The safety following module reduces accident rate and improves cutting performance.



INTELLIGENT FUNCTIONS



Intelligent alarm system

- The system will start full abnormal alarm and push it to the interface through control center when equipment is abnormal.
- Finding equipment abnormal in advance and reducing hidden dangers can multiply improve the equipment troubleshooting efficiency.

Various intelligent sensor modules

Various intelligent sensor modules to improve safety and device protection



ELECTRIC VERTICAL DOOR & PULL-OUT TABLE



- Side door design; Easy, fast opening and closing with just one finger's press
- The new manual pull-out table design and optional electric table make operation experience fresh and satisfying. (Available only for 17)



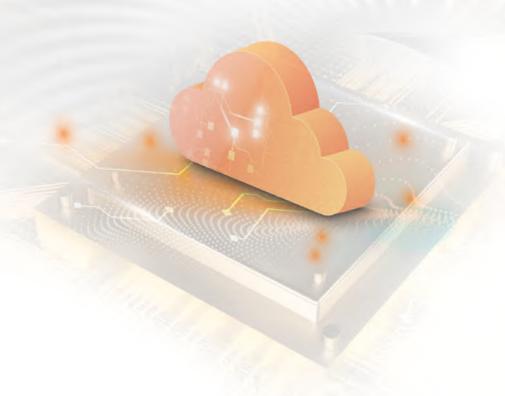
STRETCHED ALUMINUM GANTRY(i5)



- Integral pressure casting by steel mold makes it light, flexible and efficient
- The light weight and strong rigidity of aluminum alloy are suitable for high speed movement during processing, and the high flexibility is beneficial to high-speed cutting of various graphics.
- Light crossbeam offers high operation speed, improving efficiency and ensuring quality.

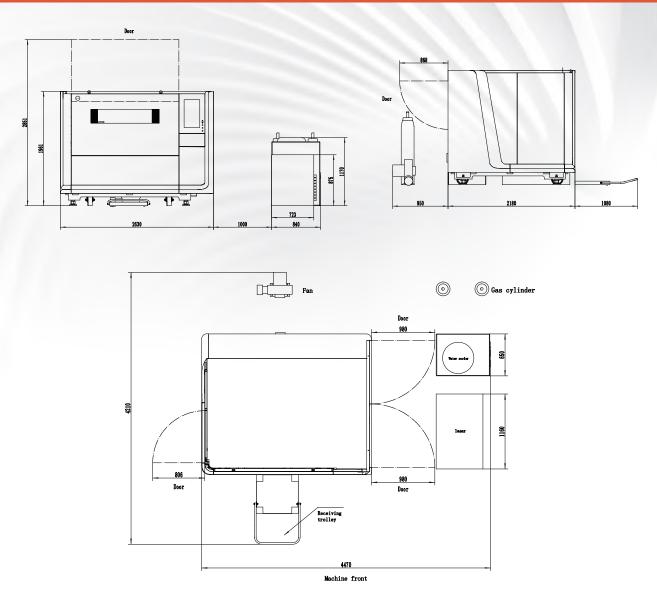


BODOR CLOUD



- Daily equipment status management (processing data, report forms)
- Alarm and maintenance reminder
- Cloud transmission for processing programs
- Remote online service access with one key
- Real-time information of the latest cutting process

Layout



The above layout drawings and figures are for referrence only, the actual drawing shipped with machine prevails.





Technical Data

| ITEM | i7 | i5 | | | |
|--|----------------|---|--|--|--|
| Working area | 3048*1524mm | 1000*1500mm | | | |
| Max. linkage speed | 100m/min | 100m/min | | | |
| Max. acceleration | 1.5G | 1.5G | | | |
| Table load bearing | 900kg | 250kg | | | |
| Machine overall dimensions | 4955×2320×2200 | 2980×2220×1970 | | | |
| Overall weight | 4980kg | 2000kg 100mm | | | |
| Z axis travel | 120mm | | | | |
| Positioning accuracy | ±0.05mm/m | ±0.05mm/m | | | |
| Repositioning accuracy | ±0.03mm | ±0.03mm | | | |
| Total power capacity/current with 12kW source | 96.1kVA/146.1A | × | | | |
| Total power capacity/current with 6kW source | 57.5kVA/87.3A | 49.3KVA/75A | | | |
| Total power capacity/current with 3kW source | 51.1KVA/77.7A | 43KVA/65.3A | | | |
| Total power capacity/current with 1.5kW source | 39.8KVA/60.4A | single-phase: 31.6KVA/143.8A three-phase: 30.8KVA/48.1A | | | |

Configuration And Components

| laser head | Bodor Genius | | | | |
|--|---|--|--|--|--|
| Laser source | Bodor Thinker | | | | |
| Machine bed | Mortise-and-tenon type plate welded segmented bed | | | | |
| Bed functions | Easy-access sliding bed | Stationary bed (optional pneumatic sheet-clamping) | | | |
| X-axis、Y-axis、Z-axisServo motor and driver | Bodor | | | | |
| Linear Rails | | Bodor | | | |
| Rack | Bodor | | | | |
| Protective Enclosure | • | | | | |
| Control system | BodorThinker | | | | |
| Display size | 21.5 inches | | | | |
| Water Chiller | | • | | | |
| Dust removal | Centrifugal fan | | | | |

Additional options

| Laser protective glasses | | Voltage regulator (Including 10m power line) | 0 |
|---|------|--|-----|
| Integrated compressed air system | | laser fume filter (Made in China) | 0 |
| 125mm focus distance laser head (3-4kw) | | Nitrogen proportional valve | 0 |
| Electric countertop | i7() | BodorNest | 0 |
| Bodor MES | | Mixed gas cutting function | 0 |
| security light curtains | | Double pneumatic clamping table | i5O |

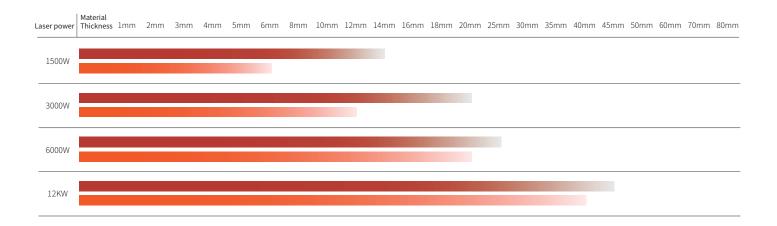


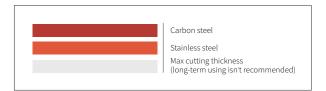
Cutting Parameters

| "Carbon steel (Q235A) O2" | Thickness 1 2 3 4 5 6 8 10 12 14 16 18 20 25 30 35 40 45 50 60 1 2 3 4 5 6 8 10 | speed m/min 8.010 4.55.5 2.43.0 1.8-2.2 1.6-1.8 1.2-1.3 0.6-0.8 | speed m/min 8.010 4.55.5 2.53.4 2.12.4 2.02.5 1.61.8 1.01.2 0.70.9 0.70.8 0.50.7 | speed m/min 8.010 4.06.0 3.04.0 2.8-3.3 2.22.8 1.8-2.3 1.2-1.7 1.0-1.2 0.8-1.0 0.6-0.85 0.6-0.75 | speed m/min 8.010 5.57.5 3.0-4.0 2.8-3.5 2.6-3.2 2.5-2.6 1.6-1.8 1.4-1.6 1.0-1.4 0.8-0.9 0.7-0.8 0.6-0.7 0.5-0.6 | speed m/min 810 57.5 3.55 3.04.5 3.0-4.2 2.53.5 2.23.2 1.82.5 1.22.1 1.21.8 0.81.5 0.61.2 0.5-0.8 0.30.55 | speed m/min 911 57.5 3.55.5 3.55.5 3.04.2 2.53.8 2.23.6 1.23.5 1.73.3 1.23.1 1.0-2.7 0.62.4 0.51.6 0.31.0 | speed m/min 911 57.5 3.55.5 3.55 3.34.8 3.04.2 2.53.8 2.23.6 1.23.6 1.23.5 1.23.0 1.22.7 0.81.8 | speed m/min 911 57.5 3.55.5 3.55 3.34.8 3.04.2 2.53.9 2.03.8 1.63.8 1.53.8 1.43.7 1.43.6 1.53.5 | speed m/min 911 57.5 3.55.5 3.55 3.34.8 3.04.5 2.53.9 2.23.8 1.6-3.8 1.6-3.8 1.53.7 1.43.6 1.53.5 |
|-------------------------------------|--|--|--|--|--|--|--|--|---|--|
| (Q235A) O2" "Stainless steel (201) | 2 3 4 5 6 8 10 12 14 16 18 20 25 30 35 40 45 50 60 1 2 3 4 5 6 6 8 | 4.5-5.5 2.4-3.0 1.8-2.2 1.6-1.8 1.2-1.3 0.6-0.8 | 4.55.5 2.53.4 2.12.4 2.02.5 1.61.8 1.01.2 0.70.9 0.70.8 0.50.7 | 4.0-6.0 3.0-4.0 2.8-3.3 2.2-2.8 1.8-2.3 1.2-1.7 1.0-1.2 0.8-1.0 0.6-0.85 | 5.57.5 3.0-4.0 2.8-3.5 2.6-3.2 2.5-2.6 1.6-1.8 1.4-1.6 1.0-1.4 0.8-0.9 0.7-0.8 0.6-0.7 | 57.5 3.55 3.04.5 3.04.2 2.53.5 2.23.2 1.82.5 1.22.1 1.2-1.8 0.81.5 0.61.2 | 57.5 3.55.5 3.55 3.34.8 3.04.2 2.53.8 2.23.6 1.23.5 1.73.3 1.23.1 1.02.7 0.62.4 0.51.6 | 57.5 3.55.5 3.55 3.34.8 3.04.2 2.53.8 2.23.6 1.23.6 1.53.5 1.23.5 1.23.0 | 57.5 3.55.5 3.55 3.34.8 3.04.2 2.53.9 2.03.8 1.63.8 1.53.8 1.43.7 1.43.6 1.53.5 | 5-7.5 3.55.5 3.55 3.34.8 3.04.5 2.53.9 2.23.8 1.6-3.8 1.53.7 1.43.6 1.53.5 |
| (Q235A) O2" "Stainless steel (201) | 3 4 5 6 8 10 12 14 16 18 20 25 30 35 40 45 50 60 1 2 3 4 5 6 | 2.4-3.0 1.8-2.2 1.6-1.8 1.2-1.3 0.6-0.8 | 2.5-3.4 2.1-2.4 2.0-2.5 1.6-1.8 1.0-1.2 0.7-0.9 0.7-0.8 0.5-0.7 | 3.0-4.0 2.8-3.3 2.2-2.8 1.8-2.3 1.2-1.7 1.0-1.2 0.8-1.0 0.6-0.85 | 3.0-4.0 2.8-3.5 2.6-3.2 2.5-2.6 1.6-1.8 1.4-1.6 1.0-1.4 0.8-0.9 0.7-0.8 0.6-0.7 | 3.55 3.04.5 3.04.2 2.53.5 2.23.2 1.82.5 1.22.1 1.2-1.8 0.81.5 0.61.2 0.50.8 | 3.5-5.5 3.5-5 3.3-4.8 3.0-4.2 2.5-3.8 2.2-3.6 1.2-3.5 1.7-3.3 1.2-3.1 1.0-2.7 0.6-2.4 0.5-1.6 | 3.5-5.5 3.55 3.3-4.8 3.0-4.2 2.5-3.8 2.2-3.6 1.2-3.6 1.2-3.5 1.2-3.5 | 3.55.5 3.55 3.34.8 3.04.2 2.53.9 2.03.8 1.63.8 1.53.8 1.43.7 1.43.6 | 3.55.5 3.55 3.34.8 3.04.5 2.53.9 2.23.8 1.6-3.8 1.53.7 1.43.6 1.53.5 |
| (Q235A) O2" "Stainless steel (201) | 4 5 6 8 10 12 14 16 18 20 25 30 35 40 45 50 60 1 2 3 4 5 6 8 | 1.8-2.2 1.6-1.8 1.2-1.3 0.6-0.8 | 2.1-2.4 2.0-2.5 1.6-1.8 1.0-1.2 0.7-0.9 0.7-0.8 0.5-0.7 | 2.8-3.3 2.22.8 1.8-2.3 1.2-1.7 1.0-1.2 0.8-1.0 0.6-0.85 | 2.8-3.5 2.6-3.2 2.5-2.6 1.6-1.8 1.4-1.6 1.0-1.4 0.8-0.9 0.7-0.8 0.6-0.7 | 3.0-4.5 3.0-4.2 2.5-3.5 2.2-3.2 1.8-2.5 1.2-2.1 1.2-1.8 0.8-1.5 0.6-1.2 0.5-0.8 | 3.55 3.34.8 3.04.2 2.53.8 2.23.6 1.23.5 1.73.3 1.23.1 1.02.7 0.62.4 0.51.6 | 3.55 3.34.8 3.04.2 2.53.8 2.23.6 1.23.5 1.23.5 1.23.0 1.22.7 | 3.55 3.34.8 3.04.2 2.53.9 2.03.8 1.63.8 1.53.8 1.43.7 1.43.6 | 3.55 3.34.8 3.04.5 2.53.9 2.23.8 1.6-3.8 1.53.7 1.43.6 1.53.5 |
| (Q235A) O2" "Stainless steel (201) | 5 6 8 10 12 14 16 18 20 25 30 35 40 45 50 60 1 2 3 4 5 6 | 1.6-1.8 1.2-1.3 0.6-0.8 | 2.02.5 1.6-1.8 1.0-1.2 0.70.9 0.70.8 0.50.7 | 2.22.8 1.8-2.3 1.2-1.7 1.0-1.2 0.8-1.0 0.6-0.85 | 2.6-3.2 2.5-2.6 1.6-1.8 1.4-1.6 1.0-1.4 0.8-0.9 0.7-0.8 0.6-0.7 | 3.0-4.2 2.5-3.5 2.2-3.2 1.8-2.5 1.2-2.1 1.2-1.8 0.8-1.5 0.6-1.2 0.5-0.8 | 3.3-4.8 3.0-4.2 2.5-3.8 2.2-3.6 1.2-3.5 1.7-3.3 1.2-3.1 1.0-2.7 0.6-2.4 0.5-1.6 | 3.3-4.8 3.0-4.2 2.5-3.8 2.2-3.6 1.2-3.6 1.5-3.5 1.2-3.5 1.2-3.0 | 3.34.8 3.04.2 2.53.9 2.03.8 1.63.8 1.53.8 1.43.7 1.43.6 | 3.34.8 3.04.5 2.53.9 2.23.8 1.6-3.8 1.53.7 1.43.6 1.53.5 |
| (Q235A) O2" "Stainless steel (201) | 6 8 10 12 14 16 18 20 25 30 35 40 45 50 60 1 2 3 4 5 6 8 | 1.2-1.3 0.6-0.8 18-20 5.0-7.0 | 1.61.8 1.01.2 0.70.9 0.70.8 0.50.7 | 1.8-2.3 1.2-1.7 1.0-1.2 0.8-1.0 0.6-0.85 | 2.5-2.6 1.6-1.8 1.4-1.6 1.0-1.4 0.8-0.9 0.7-0.8 0.6-0.7 | 2.5-3.5 2.2-3.2 1.8-2.5 1.2-2.1 1.2-1.8 0.8-1.5 0.6-1.2 0.5-0.8 | 3.0-4.2 2.5-3.8 2.2-3.6 1.2-3.5 1.7-3.3 1.2-3.1 1.0-2.7 0.6-2.4 0.5-1.6 | 3.0-4.2 2.5-3.8 2.2-3.6 1.2-3.6 1.5-3.5 1.2-3.5 1.2-3.0 1.2-2.7 | 3.04.2 2.53.9 2.03.8 1.63.8 1.53.8 1.43.7 1.43.6 1.53.5 | 3.04.5 2.53.9 2.23.8 1.6-3.8 1.6-3.8 1.53.7 1.43.6 1.53.5 |
| (Q235A) O2" "Stainless steel (201) | 8 10 12 14 16 18 20 25 30 35 40 45 50 60 1 2 3 4 5 6 | 18-20 5.0-7.0 | 1.01.2 0.70.9 0.70.8 0.50.7 | 1.2-1.7 1.0-1.2 0.8-1.0 0.6-0.85 | 1.6-1.8 1.4-1.6 1.0-1.4 0.8-0.9 0.7-0.8 0.6-0.7 | 2.23.2 1.82.5 1.22.1 1.21.8 0.81.5 0.61.2 0.50.8 | 2.5-3.8 2.2-3.6 1.2-3.5 1.7-3.3 1.2-3.1 1.0-2.7 0.6-2.4 0.5-1.6 | 2.53.8 2.23.6 1.23.6 1.53.5 1.23.5 1.23.0 1.22.7 | 2.53.9 2.03.8 1.63.8 1.53.8 1.43.7 1.43.6 1.53.5 | 2.53.9 2.23.8 1.6-3.8 1.6-3.8 1.53.7 1.43.6 1.53.5 |
| (Q235A) O2" "Stainless steel (201) | 10 12 14 16 18 20 25 30 35 40 45 50 60 1 2 3 3 4 5 | 18-20 5.0-7.0 | 0.70.9 0.70.8 0.50.7 | 1.0-1.2 0.8-1.0 0.6-0.85 | 1.4-1.6 1.0-1.4 0.8-0.9 0.7-0.8 0.6-0.7 | 1.82.5 1.22.1 1.21.8 0.81.5 0.61.2 0.50.8 | 2.23.6 1.23.5 1.73.3 1.23.1 1.02.7 0.62.4 0.51.6 | 2.23.6 1.23.6 1.53.5 1.23.5 1.23.0 1.22.7 | 2.03.8 1.63.8 1.53.8 1.43.7 1.43.6 1.53.5 | 2.23.8 1.6-3.8 1.6-3.8 1.53.7 1.43.6 1.53.5 |
| (Q235A) O2" "Stainless steel (201) | 12 14 16 18 20 25 30 35 40 45 50 60 1 2 3 3 4 5 6 | 5.0-7.0 | 0.70.8 0.50.7 | 0.8-1.0 0.6-0.85 | 1.0-1.4 0.8-0.9 0.7-0.8 0.6-0.7 | 1.22.1 1.21.8 0.81.5 0.61.2 0.50.8 | 1.2-3.5 1.7-3.3 1.2-3.1 1.0-2.7 0.6-2.4 0.5-1.6 | 1.23.6 1.53.5 1.23.5 1.23.0 1.22.7 | 1.63.8 1.53.8 1.43.7 1.43.6 1.53.5 | 1.6-3.8 1.6-3.8 1.53.7 1.43.6 1.53.5 |
| (Q235A) O2" "Stainless steel (201) | 16 18 20 25 30 35 40 45 50 60 1 2 3 4 5 6 | 5.0-7.0 | | | 0.7-0.8 0.6-0.7 | 0.81.5 0.61.2 0.50.8 | 1.23.1 1.02.7 0.62.4 0.51.6 | 1.23.5 1.23.0 1.22.7 | 1.43.7 1.43.6 1.53.5 | 1.53.7 1.43.6 1.53.5 |
| O2" "Stainless steel (201) | 18 20 25 30 35 40 45 50 60 1 2 3 4 5 6 | 5.0-7.0 | | 0.6-0.75 | 0.6-0.7 | 0.61.2 0.50.8 | 1.02.7 0.62.4 0.51.6 | 1.23.0 1.22.7 | 1.43.6 1.53.5 | 1.43.6 1.53.5 |
| O2" "Stainless steel (201) | 20 25 30 35 40 45 50 60 1 2 3 4 5 6 | 5.0-7.0 | | | | 0.50.8 | 0.62.4 0.51.6 | 1.22.7 | 1.53.5 | 1.53.5 |
| "Stainless steel (201) | 25 30 35 40 45 50 60 1 2 3 4 5 6 | 5.0-7.0 | | | 0.5-0.6 | | 0.51.6 | | | |
| (201) | 30 35 40 45 50 60 1 2 3 4 5 6 | 5.0-7.0 | | | | 0.30.55 | | 0.81.8 | | |
| (201) | 35 40 45 50 60 1 2 3 4 5 6 | 5.0-7.0 | | | | | () < () | 0.6.1.4 | 1.0-3.0 | 1.0-3.1 |
| (201) | 40 45 50 60 1 2 3 4 5 6 | 5.0-7.0 | | | | | 0.30.7 | 0.61.4 | 0.82.2 0.61.0 | 1.2-2.6 0.92.2 |
| (201) | 45 50 60 1 2 3 4 5 6 | 5.0-7.0 | | | | | 0.20.4 | 0.30.5 | 0.51.1 | 0.8-1.7 |
| (201) | 50 60 1 2 3 4 5 6 | 5.0-7.0 | | | | | 0.20.3 | 0.20.5 | 0.30.6 | 0.50.8 |
| (201) | 1 2 3 4 5 6 8 | 5.0-7.0 | | | | | | | 0.20.6 | 0.40.6 |
| (201) | 2 3 4 5 6 8 | 5.0-7.0 | | | | | | | 0.20.5 | 0.20.4 |
| (201) | 3 4 5 6 8 | | 20-30 | 2450 | 30-55 | 4252 | 7085 | 72100 | 72100 | 72100 |
| (201) | 4 5 6 8 | | 8.0-16 | 9.0-17 | 12-30 | 2033 | 4066 | 4570 | 5075 | 5075 |
| (201) | 5 6 8 | 2.2-4.0 | 3.0-5.5 | 4.0-7.0 | 6.0-10.0 | 1522 | 3545 | 3850 | 3855 | 3855 |
| (201) | 6 8 | 1.2-2.3 | 1.5-3.2 | 3.2-4.0 | 4.0-6.0 | 1015 | 2032 | 2535 | 2533 | 30-35 |
| (201) | 8 | | 0.7-1.5 | 2.0-2.7 | 3.05.0 | 7.012 | 1825 | 2030 | 2230 | 2532 |
| (201) | | | 0.7-1.3 | 1.2-1.8 | 2.0-3.2 | 4.89.0 | 1215 | 15.025.0 | 1725 | 18-26 |
| (201) | | | | 0.7-1.2 | 1.0-1.8 | 3.04.0 | 812 | 8.012.0 | 1218 | 15-20 |
| (201) | 12 | | | | 0.5-0.85 0.4-0.5 | 1.62.5 0.81.5 | 6.08.0 4.05.5 | 6.010.0 4.06.0 | 8.012.0 6.09 | 1215 812 |
| (201) | 14 | | | | 0.4-0.5 | 0.61.2 | 3.05.0 | 3.55.5 | 5.07.0 | 610.5 |
| | 16 | | | | | 0.51.0 | 2.22.8 | 2.53.0 | 3.05.0 | 59 |
| N2" | 18 | | | | | 0.40.8 | 1.22.0 | 1.22.2 | 1.84.2 | 36.5 |
| N2" | 20 | | | | | 0.30.6 | 1.01.6 | 1.31.8 | 1.53.3 | 24.7 |
| | 25 | | | | | | 0.50.8 | 0.61.2 | 1.52.0 | 1.8-2.5 |
| | 30 | | | | | | 0.30.6 | 0.51.0 | 1.01.5 | 1.51.8 |
| | 35 | | | | | | 0.30.5 | 0.40.8 | 0.40.8 | 1.0-1.5 |
| | 40 | | | | | | 0.30.5 | 0.30.6 | 0.30.6 | 0.6-1.3 |
| | 45 | | | | | | | 0.20.5 | 0.20.6 | 0.8-1.0 |
| | 50 60 | | | | | | | 0.10.5 0.10.2 | 0.20.5 0.1-0.3 | 0.25-0.5 0.2-0.3 |
| | 70 | | | | | | | 0.10.2 | 0.1-0.3 | 0.17-0.3 |
| | 80 | | | | | | | | | 0.15-0.3 |
| | 1 | 8-10 | 10-15 | 15-25 | 25-30 | 4255 | 6085 | 70100 | 70100 | 70100 |
| | 2 | 2.8-3.6 | 5.0-7.0 | 7-10 | 13-20 | 2040 | 3850 | 4055 | 4070 | 4070 |
| | 3 | 0.7-1.1 | 2.0-2.6 | 4.0-8.0 | 6.5-7.5 | 1525 | 3040 | 3545 | 3560 | 3560 |
| | 4 | | 1.0-1.4 | 2.5-3.0 | 3.5-5.0 | 9.512 | 2030 | 3040 | 3043 | 3045 |
| | 5 | | 0.5-0.7 | 1.2-2.5 | 2.5-3.5 | 5.08.0 | 1525 | 2030 | 2235 | 22340 |
| | 6 | | | 0.6-0.9 | 1.5-2.5 | 3.85.0 | 1015 | 1524 | 1828 | 1832 |
| | 8 | | | | 0.7-1.0 | 2.02.5 | 7.012 | 8.012.0 | 1220 | 1223 |
| "Aluminum | 10 | | | | | 1.01.5 | 4.58.0 | 5.0-9.0 | 7.012.0 | 7.016 |
| N2" | 12 | | | | | 0.81.3 | 4.05.0 | 4.06.0 | 4.56.5 | 4.512 |
| | 14 | | | | | 0.91.2 | 1.82.7 | 2.5-3.2 | 3.04.0 | 3.08.0 |
| | 16 | | | | | 0.50.8 0.50.7 | 1.52.5 | 2.03.0 | 2.53.5 1.82.2 | 2.56 |
| | 18 | | | | | | 1.01.8 | 1.51.9 | | 1.82.2 |
| | 20 25 | | | | | 0.50.7 | 0.91.5 0.60.9 | 1.31.8 0.61.2 | 1.52.0 0.81.5 | 1.52.0 0.81.5 |
| | 30 | | | | | | 0.30.8 | 0.51.0 | 0.61.2 | 0.61.2 |
| | 35 | | | | | | 0.30.6 | 0.30.8 | 0.40.9 | 0.40.9 |
| | 40 | | | | | | 0.30.4 | 0.30.5 | 0.30.5 | 0.40.6 |
| | 1 | 6.010 | 8.013 | 10-16 | 2030 | 3545 | 5565 | 60-70 | 65-75 | 65-75 |
| | 2 | 2.8-3.2 | 3.04.5 | 5.06.0 | 6.010 | 2030 | 3842 | 4045 | 4060 | 4060 |
| | 3 | | 1.52.5 | 2.57.0 | 3.08.0 | 1218 | 1830 | 2035 | 25-40 | 25-40 |
| | 4 | | 0.8-1.2 | 1.8-3.0 | 2.5-4.0 | 8.012.0 | 1520 | 1830 | 2035 | 2035 |
| | 5 | | | | 1.52.0 | 6.08.0 | 1015 | 1520 | 2028 | 2030 |
| | 6 | | | | 1.01.8 | 3.06.5 | 6.08.0 | 815 | 1220 | 1222 |
| "Brass | 8 | | | | | 1.62.2 | 5.07.0 | 8.010.0 | 9.012 | 9.015 |
| N2" | 10 | | | | | 0.81.2 | 4.56.0 | 5.06.5 | 6.010 | 6.013 |
| 12 | 12 | | | | | 0.30.5 | 2.44.0 | 2.84.2 | 3.04.5 | 5.010 |
| | 14 | | | | | | 0.81.5 | 1.01.8 | 1.84.0 | 3.07.0 |
| | 16 | | | | | | 0.61.2 | 0.81.5 | 1.53.0 | 1.53.0 |
| | 18 | | | | | | 0.40.6 | 0.60.8 | 1.02.5 | 1.22.5 |
| | 20 | | | | | | | 0.40.6 | 0.42.0 0.30.5 | 1.22.0 0.50.8 |
| | 20 25 | | | | | | | | | |



Cutting Capacity





Above data is only for reference

Cutting Samples





















