

Bodor Laser

Global Leader of Ultra-high Power
Laser Cutting Machines



PROFESSIONAL

EXQUISITE

CREATIVE

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01

COMPANY PROFILE

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B _____
COMPANY HISTORY

E _____
ULTRA-HIGH POWER
CAPABILITY

C _____
GLOBAL NETWORK



Introduction

Bodor Laser is an international company committed to R&D, production and marketing of laser cutting machines. The company has maintained a high growth rate since its establishment in 2008

51 000m²

Production Base

7000+

Delivery Capability

2000+

Global Employees



Company History



Global Network



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



 **200+**
R&D Team

 **200+**
Patents

 **10**
R&D Platform

World premier

Sales record (Until 30th, Nov. 2021)

No. 1

02

BODOR PRODUCTS

A

SHEET METAL CUTTING

B

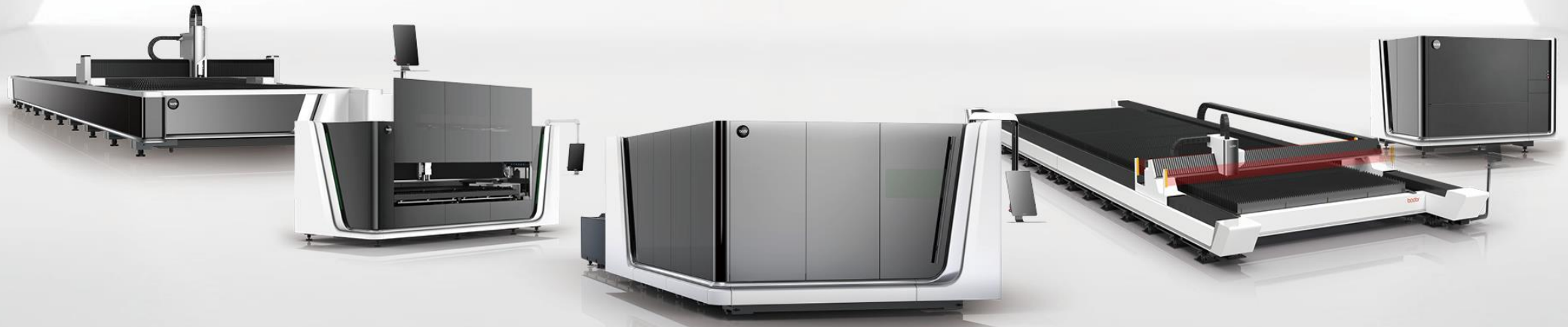
TUBE CUTTING

C

AUTOMATION



SHEET METAL CUTTING



DREAM | Maglev Laser Cutting Machine



Working Area (mm)	3048*1524 - 6100*2500
Laser Power (kW)	6kw to 40 kW
Positioning Accuracy (mm)	0.05
Repositioning Accuracy (mm)	0.03
Max. linkage speed (m/min)	200
Max. Acceleration (g)	4.0



Maglev Linear Motor



Marble Machine Bed



Intelligent Over-heat
Adaptation



Low Pressure Nitrogen
Cutting



- Ultra-high level configuration, maglev linear motor, marble machine bed, carbon fiber crossbeam combined in one.
- No mechanical friction ensures faster response, shorter processing time, higher efficiency.
- Configuring 8 fully intelligent functions such as slag cleaning at starts, intelligent over-heat adaptation etc.

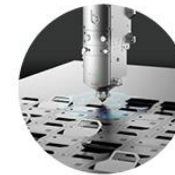
S | Flagship sheet metal laser cutting machine



Working Area (mm)	3048*1524 - 8100*2500
Laser Power (kW)	6kw to 40 kW
Positioning Accuracy (mm)	0.05
Repositioning Accuracy (mm)	0.03
Max. linkage speed (m/min)	200
Max. Acceleration (g)	4.0



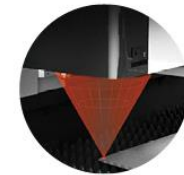
Cast Iron Bed



Active Anti-collision
Function



Bevel Cutting



Light Edge Searching

...

- Super dynamic responding capability, handle all types of sheets easily even with complex patterns.
- 70% of the nitrogen pressure is reduced but cutting efficiency is even improved !
- With the automatic function of adaptation for focus and pressure, ensures to cut thick plates steadily.

P | All-round sheet metal laser cutting machine



Cast Iron Bed



Automatic nozzle
changer



Active Anti-collision
Function

...

Working Area (mm)	3048*1524 - 8100*2500
Laser Power (kW)	1.5kw to 40 kW
Positioning Accuracy (mm)	0.05
Repositioning Accuracy (mm)	0.03
Max. linkage speed (m/min)	169
Max. Acceleration (g)	2.5

- Dual exchange platform with cast iron bed and protective cover.
- Representing perfect efficiency, stability and environmental protection
- Equipped with functions of automatic nozzle changing and one-click automated processing, competent for all processing tasks.

C | Basic sheet metal laser cutting machine



Working Area (mm)	3048*1524 -12500*2600
Laser Power (kW)	1.5kw to 40 kW
Positioning Accuracy (mm)	0.05
Repositioning Accuracy (mm)	0.03
Max. linkage speed (m/min)	110
Max. Acceleration (g)	1.5



Welded Bed with
Mortise-and-tenon Joint



Active Anti-collision
Function

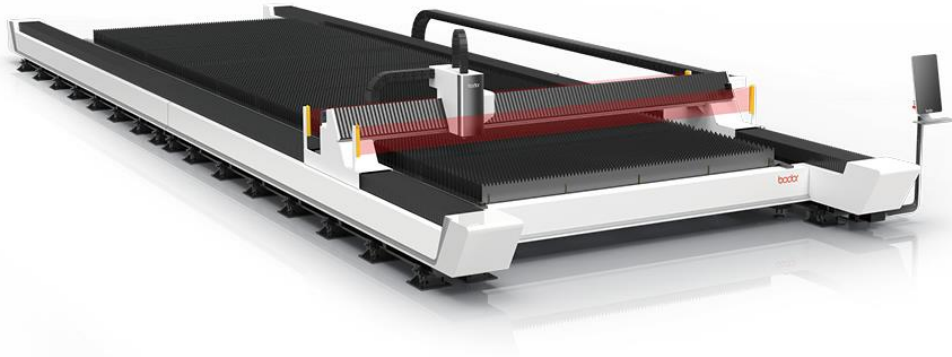


One-click Processing



- The mortise-and-tenon structured machine bed for greater stability.
- The protective cover meets the demand of higher safety and environment-friendly.
- Maximum cutting area reaches up to 12500mm*2600mm, suitable for a variety of cutting options.

G pro | Ultra-large format laser cutting machine



Working Area (mm)	12500*3200 - 24500*3200
Laser Power (kW)	6kw to 40 kW
Positioning Accuracy (mm)	0.02
Repositioning Accuracy (mm)	0.01
Max. linkage speed (m/min)	80
Max. Acceleration (g)	0.8



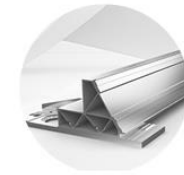
Ultra Large Cutting
Area



Active Anti-collision
Function



Gas-saving Nozzle with
Steady Flow



Pyramid Structure
Crossbeam

...

- Suitable for super long workpiece processing
- Maximum cutting area could be 24500mm*3200mm

i | Smart ultra-precise laser cutting machine



i5



i7

Working Area (mm)	1000*1500-3048*1524
Laser Power (kW)	1.5kw to 3 kW
Positioning Accuracy (mm)	0.02
Repositioning Accuracy (mm)	0.01
Max. linkage speed (m/min)	100
Max. Acceleration (g)	1.0



Cast Iron Bed



Active Anti-collision
Function



No Quiver when
Cutting Thin Sheet



BodorPro 2.0

...

- The compact design with a complete protection
- Less in size, more in flexibility and precision

A | Single platform laser cutting machine



Welded Bed with
Mortise-and-tenon Joint



Stretching Aluminum
Crossbeam



Active Anti-collision
Function



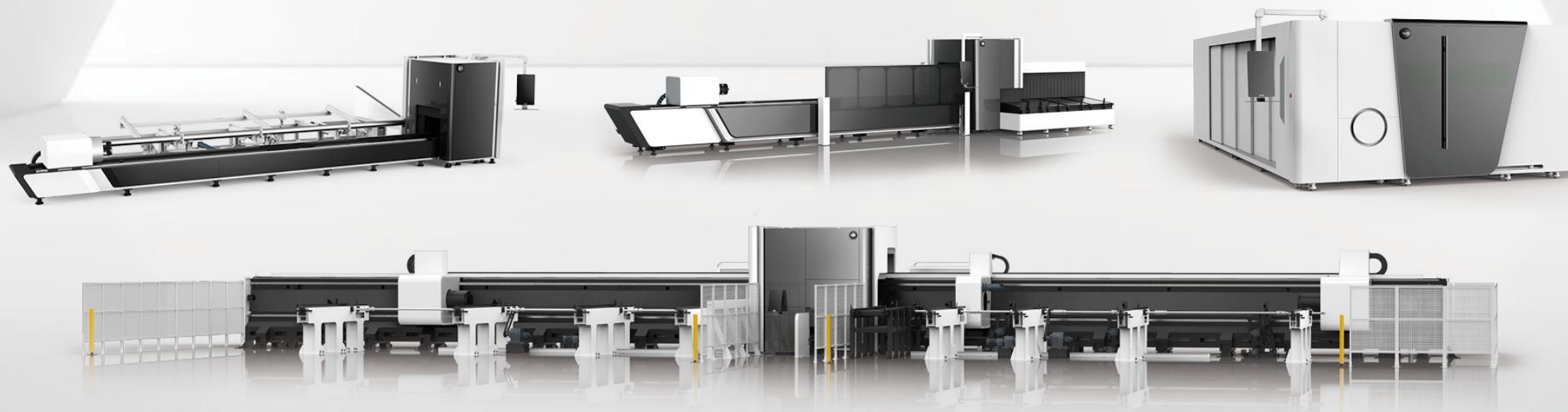
No Quiver when
Cutting Thin Sheet

...

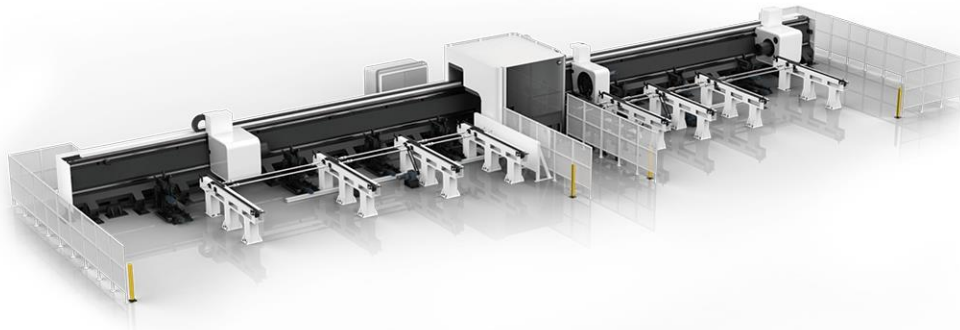
Working Area (mm)	3048*1524 - 14000*3100
Laser Power (kW)	1kw to 30 kW
Positioning Accuracy (mm)	0.05
Repositioning Accuracy (mm)	0.03
Max. linkage speed (m/min)	140
Max. Acceleration (g)	1.5

- Brand new design wins 2021 iF International Design Award
- Stable machine bed with the mortise-and-tenon joint, easy installation and operation
- The cost-effective processing convinces the investment

TUBE CUTTING



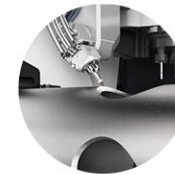
M | M500 - Multifunctional heavy tube laser cutting machine



Tube size range	Round tube $\Phi 60 - \Phi 460\text{mm}$ Square tube $\square 60 - \square 325\text{mm}$
Max. tube length (mm)	12000
Max. tube weight (kg)	1800
Laser Power (kW)	1.5 to 6kw
X/Y-axis Positioning Accuracy (mm)	0.06
X/Y-axis Repositioning Accuracy (mm)	0.04
Max. chuck rotating speed (r/min)	36r/min



Equipped with four chucks



Bevel Cutting



Intelligent NC chuck

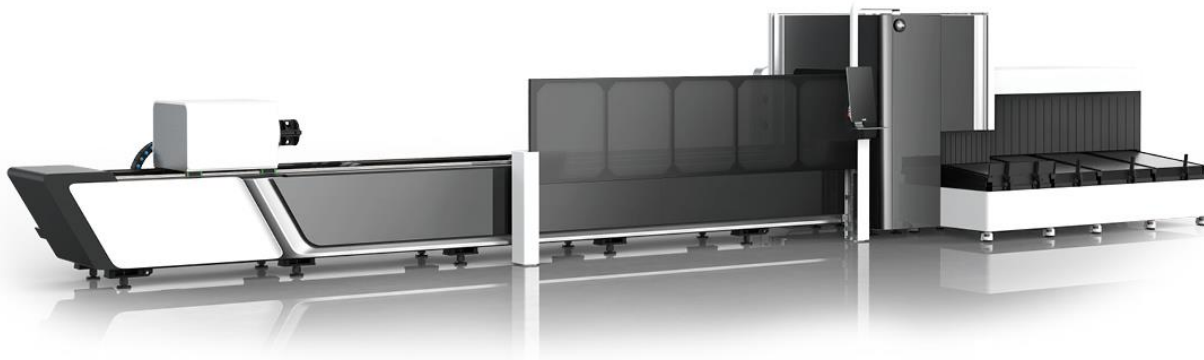


Cast Iron Bed

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- Multifunctional heavy tube laser cutting machine, ensures no tail materials, 3D-cutting, piercing and tapping
- The applicable tube length reaches up to a maximum of 12m and weight up to 1.8 tons
- Fully intelligent, cutting starts by just one click, with the servo separating materials accurately and feeding tubes as quick as a flash

T | TUBE LASER CUTTING MACHINE



NC Self-centering
Chuck



Specialized Laser Head
BodorGeniusT



Variable-diameter
Snail Roller

...

Model	T230	T360
Tube size range	Round tube $\Phi 20\text{-}\Phi 230\text{mm}$ Square tube $\square 20\text{-}\square 160\text{mm}$	Round tube $\Phi 20\text{-}\Phi 360\text{mm}$ Square tube $\square 20\text{-}\square 254\text{mm}$
Max. tube length (mm)	6500	6500
Laser Power (kW)	1.5 to 6kw	1.5 to 6kw
X/Y-axis Positioning Accuracy (mm)	0.05	0.05
X/Y-axis Repositioning Accuracy (mm)	0.03	0.03

- Suitable for a wide range of tubes.
- Equipped with specialized laser head BodorGeniusT
- The NC self-centring chuck controls both position and torque at the same time, ensuring clamping accurate without deformation.

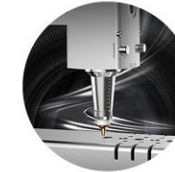
K | TUBE LASER CUTTING MACHINE



Model	K360	K230	K120
Tube size range	Round tube $\Phi 20$ - $\Phi 350$ mm Square tube $\square 20$ - $\square 250$ mm	Round tube $\Phi 20$ - $\Phi 230$ mm Square tube $\square 20$ - $\square 160$ mm	Round tube $\Phi 10$ - $\Phi 120$ mm Square tube $\square 10$ - $\square 110$ mm
Max. tube length (mm)	6300	6300	6500
Laser Power (kW)	1.5 to 3kw	1 to 3kw	1 to 3kw
X/Y-axis Positioning Accuracy (mm)	0.05	0.05	0.05
X/Y-axis Repositioning Accuracy (mm)	0.03	0.03	0.03



Four-side Edge
Searching



Specialized Laser Head
BodorGeniusT



Bodor Thinker 3.0

...

- Cost-effective, easy-operating, specialized for new user.
- Simple structure and flexible layout.
- Made from customized sheet metal material, stable and durable, with a high space utilization.

AT\CT | Dual-use laser cutting machines



AT

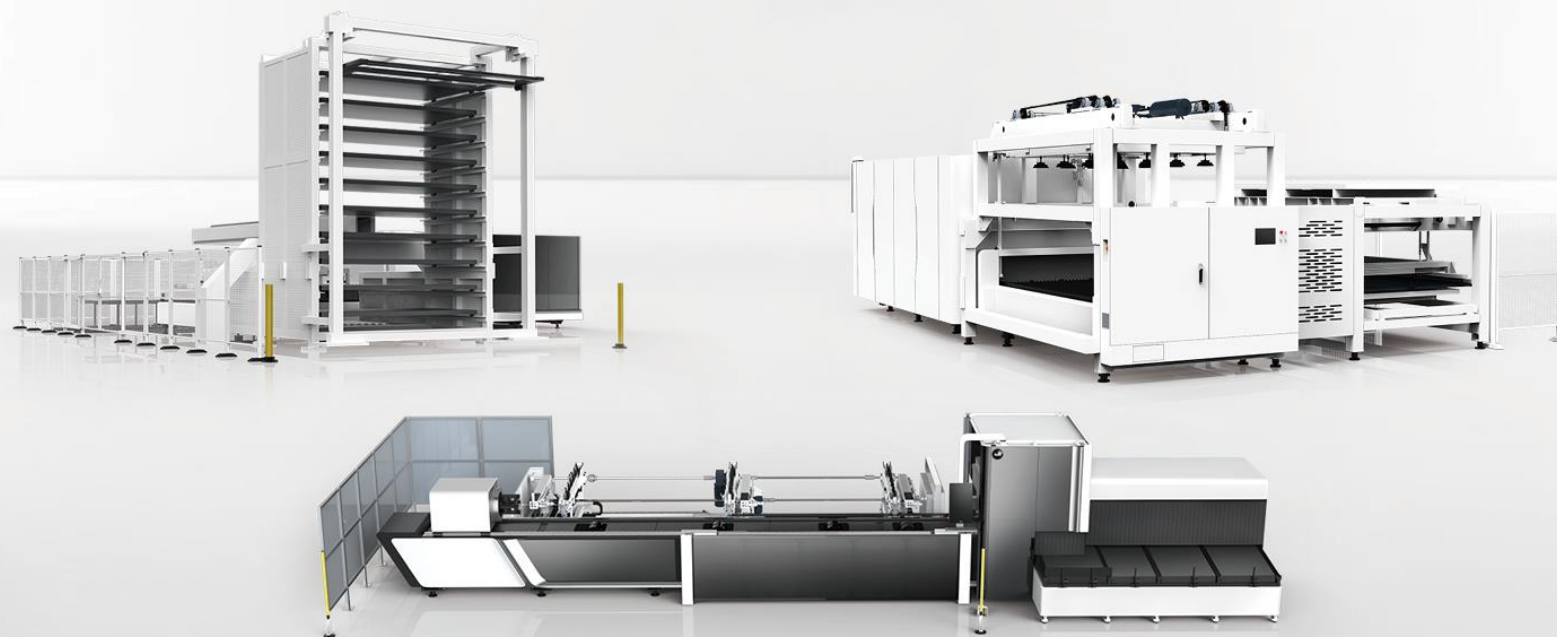
Working Area (mm)	3048*1524 - 6100*1524
Laser Power (kW)	1kw to 3 kW
Positioning Accuracy (mm)	±0.05mm
Repositioning Accuracy (mm)	±0.03mm
Max. linkage speed (m/min)	91



CT

Working Area (mm)	3048mm*1524mm
Laser Power (kW)	1.5kw to 6 kW
Positioning Accuracy (mm)	±0.05mm
Repositioning Accuracy (mm)	±0.03mm
Max. linkage speed (m/min)	100

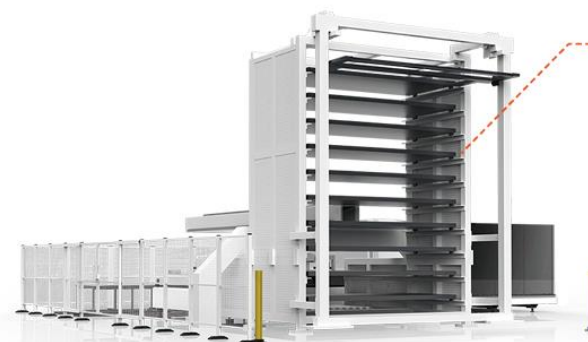
AUTOMATION



iTrans



iTransTower



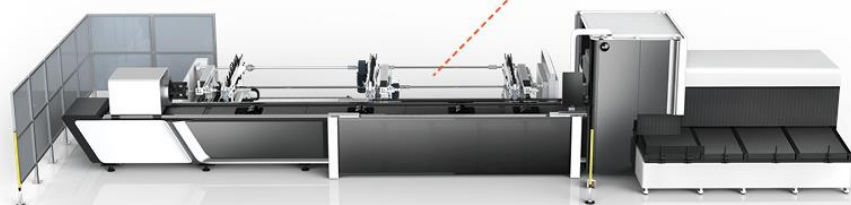
iLift



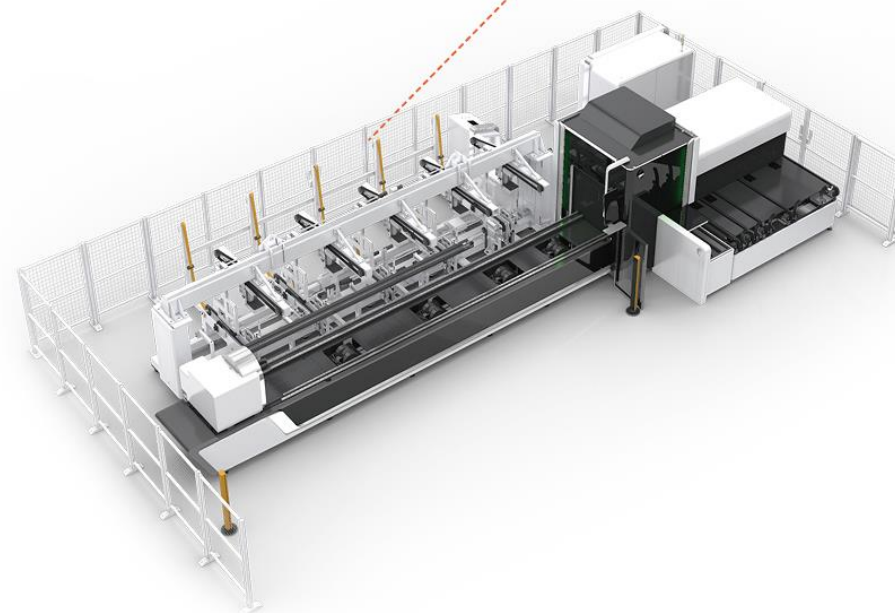
iLoader



T-Loader



T-trans



T-Loader eco



03

BODOR TECHNOLOGIES

A _____
BODOR GENIUS

E _____
MINERAL CASTING BED

B _____
BEVEL CUTTING

F _____
WIRELESS REMOTION
CONTROL HANDLE

C _____
BODOR THINKER 4.0

G _____
OUTLINE RECOGNITION

D _____
CARBON FIBER BEAM



BODOR GENIUS



BEVEL CUTTING



BODOR THINKER 4.0



CARBON FIBER BEAM



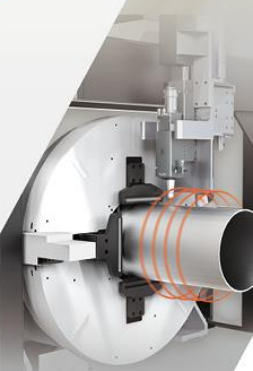
MINERAL CASTING BED



WIRELESS REMOTE CONTROL HANDLE



OUTLINE RECOGNITION



04

BODOR SERVICE

A

BODOR SERVICE



B

STRENGTHS





- 1. Customer access to BodorCloud
- 2. Bodor online service staff respond within 15 min
- 3. Provide online diagnosis and solutions

- 4. A local service solution will be provided within 24 hours
- 5. Local service staff provide door-to-door services
- 6. Spare parts support

Strengths of Bodor Service



6 Overseas Service
Department



Global service team of over
150 people (75% local,
25% back-office support)



Service footprint in over
100 countries



30 overseas spare
parts centers



Standardize service pro-
cesses and specification



Independently developed
BodorCloud service system

05

GLOBAL COOPERATION

A

GLOBAL PARTNERS

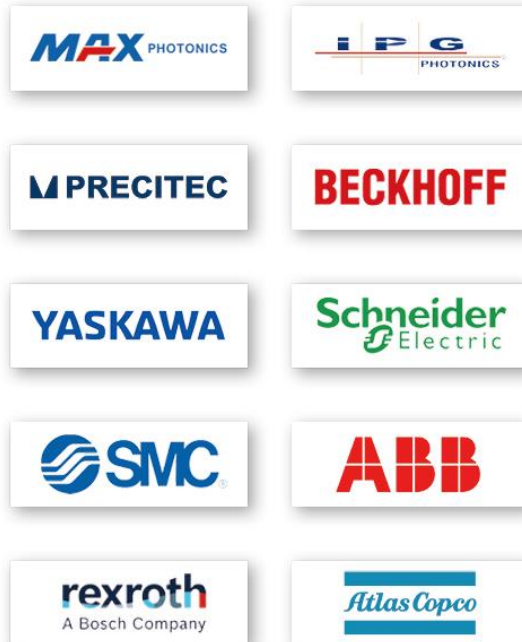


B

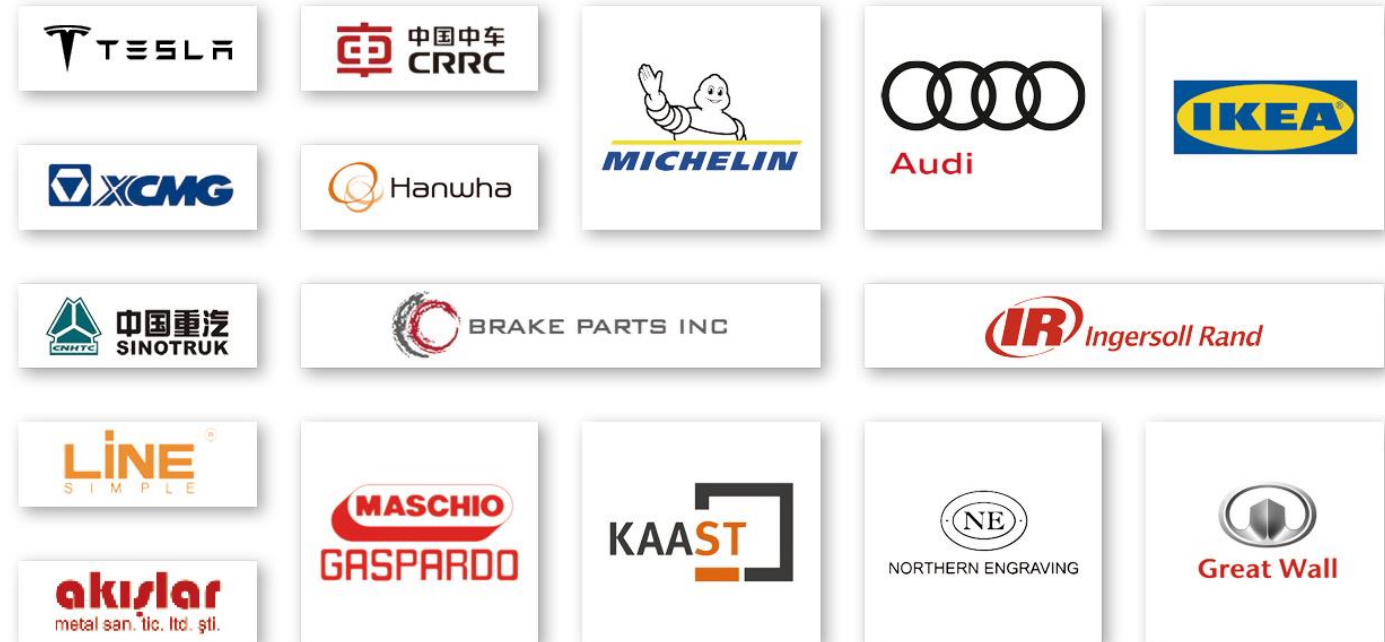
GLOBAL CUSTOMERS



Global Partners



Global Customers



Dare to dream

Global Leader of Ultra-high Power
Laser Cutting Machines

