

Introduction of DNE LASER

DNE LASER

DNE LASER (Guangdong) Co., Ltd.
www.dne.global
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DNE LASER works hand in hand with you to create a bright future

Company Introduction

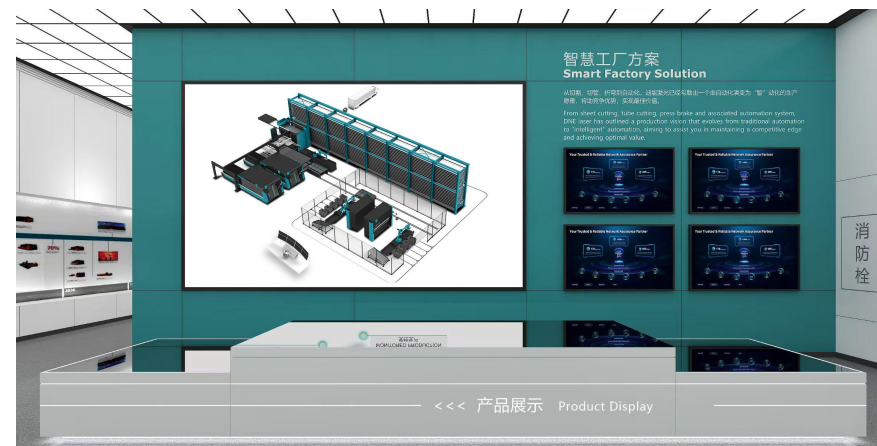


DNE Laser (Guangdong) Co., Ltd. (Brand: DNE LASER), a wholly owned subsidiary of the Swiss Bystronic Group, is headquartered in Shenzhen with its production base located in Nanhai, Foshan. Over the years, the company has evolved into a professional provider of systematic solutions for intelligent manufacturing, including laser cutting machines, laser tube cutting machines, CNC bending machines, and automation Equipments.

As a multi-year National High-Tech Enterprise, DNE LASER is a pioneer in its industry, having been approved to establish the Guangdong Provincial Engineering Research Center for Ultra-High-Speed Fiber Laser Cutting Machines. Recognized among the Shenzhen Top 500 Enterprises, the company holds titles such as "Specialized, Refined, Distinctive, and Innovative" Enterprise (SRDI) and has been honored with the "Outstanding Localization Service Provider" and "Outstanding Corporate Social Responsibility" awards.

Further solidifying its industry leadership, DNE LASER was among the first to achieve Smart Manufacturing Capability Maturity Level 2 Certification and was designated as a Shenzhen Top Brand in 2023.

- ▶ Employees: Nearly **600** skilled employees driving innovation and excellence.
- ▶ Manufacturing Scale: Foshan Intelligent Factory spans over 7 hectares, featuring a **60,000+** sqm workshop.
- ▶ Advanced Technology: Equipped with cutting-edge production and testing equipment from leading global and domestic suppliers.
- ▶ Global Reach: Products exported to **100+** countries, serving **10,000+** users worldwide.



World DNE

Baxter Dinone Laser has nearly 10000 users in the world, which are distributed in nearly 100 countries, including Germany, Spain, India, South Korea, Malaysia, Singapore, Saudi Arabia, South Africa, Indonesia, Türkiye, Jordan, Dubai, Poland, Morocco, Mexico, Brazil, Lebanon, Thailand, Vietnam, Kazakhstan, Bangladesh, and other provinces and cities, including Hong Kong and Taiwan.

100000⁺ 

Global user base

600⁺ 

Employees

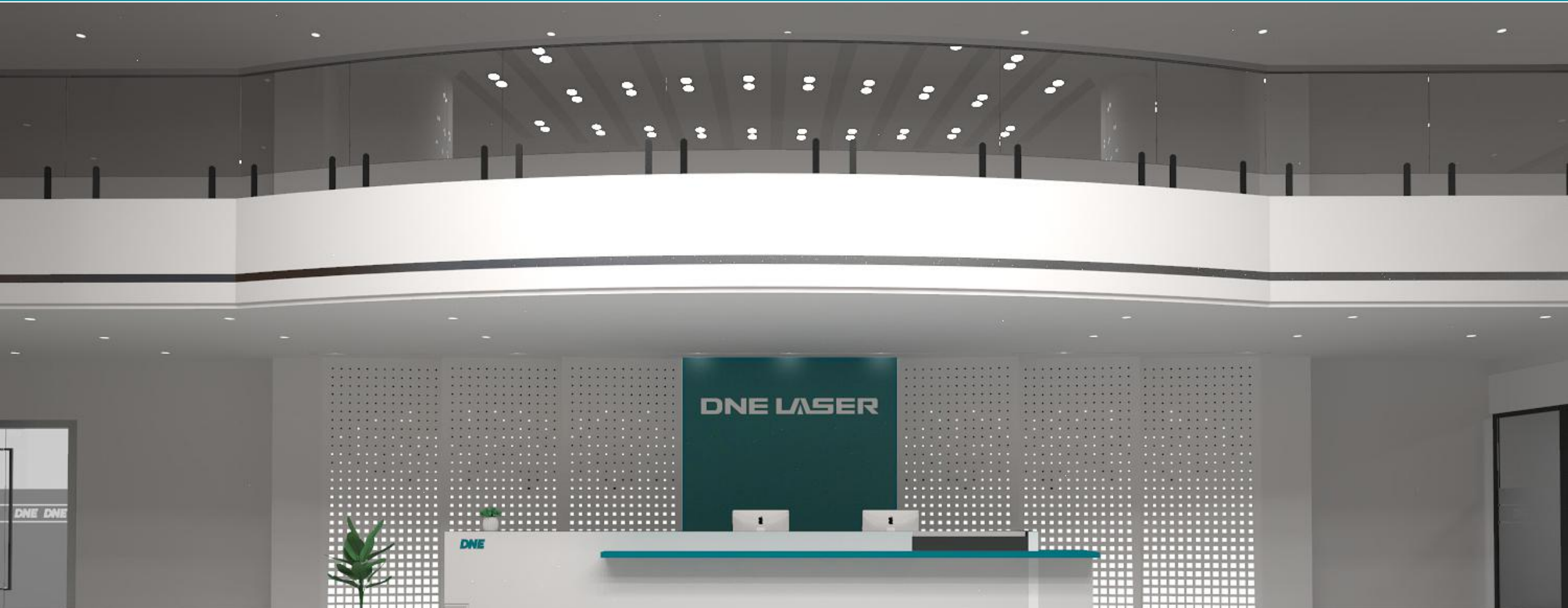
60000⁺ 

Square meter r & d and
production base

2000⁺ 

Annual production capacity





Turquoise embodies growth and evolution. Like the deepening hues of a maturing plant, it reflects one's journey from inexperience to wisdom. It also represents continuous learning and progress, inspiring employees to embrace challenges and transcend their limits.

"Specialized, Refined, Unique, and Innovative" Enterprise in 2023	"Shenzhen Famous Brand" in 2023	"National High-Tech Enterprise" from 2020 to 2023	Recipient of the 2023 Laser Processing Equipment Innovation Award	"Outstanding Localization Service Provider" & "Most Socially Responsible Enterprise" in 2023
"China Metal Processing Innovation Product Award" in 2022	"Innovation Technology Award in Metal Processing Industry" in 2022	"Laser Intelligent Equipment Technology Innovation Award" at the OFweek Laser Industry Awards 2022	"Certification of Intelligent Manufacturing Maturity Level 2" in 2022	"Shenzhen Top 500 Enterprise" in 2021/2022
"Influential Enterprise Award in the Laser Industry" at the Red Light Awards 2022	"Best Specialized, Refined, Unique, and Innovative Employer" Title in 2022	"Guangdong Province Integration of Informatization and Industrialization Pilot Enterprise" in 2019	"Technological Innovation Award" and "Structural Innovation Award" in Manufacturing	"Top 100 Taxpayer Enterprise in Bao'an District, Shenzhen"
"National Outstanding Foreign-Invested Enterprise - Dual Excellence Enterprise"	"National Outstanding Foreign-Invested Enterprise - Quality Progress Award"	"National Outstanding Foreign-Invested Enterprise - Harmonious Labor Relations Promotion Award"	"National Outstanding Foreign-Invested Enterprise - Safety and Environmental Protection Encouragement Award"	"China 3·15 Integrity Enterprise"
"Top 100 Output Value Enterprise in Bao'an District, Shenzhen"	"Top 10 Taxpaying Industrial Enterprises in Xinqiao, Bao'an District, Shenzhen"	"Top 10 Taxpaying Enterprise in the Subdistrict"	"Top 10 Output Value Enterprise in the Subdistrict"	"Shenzhen Innovation Era Enterprise"



Core Optical Technologies
Continuous Innovation & R&D



Expert laser technology
talent and specialists



DNE LASER products are widely used in many fields, such as electric power, automobile manufacturing, mechanical equipment, electrical equipment, and many more



Agricultural machinery



Elevator manufacturing



Construction machinery



Pipe making and processing plant



Factory construction



Transportation system



Telecommunication industry



Fitness Equipment



Construction industry



Kitchen supplies



Aerospace



Furniture



Building materials industry



Machinery manufacturing



Auto parts



Oil pipeline

Key Customers: Serving more than 10000 customers

ONE LASER

Consumer Electronics	Aviation industry	Professional manufacturing	General equipment	Industrial machine	New energy battery
luxshare-ict	SAIDC	SANY	METRON	INOVANCE	CATL
Goertec	SAEM	ZOOMLION	SHUANGLIANG ECO-ENERGY	Shanghai Electric	BYD
Fii Foxconn	Hongdu Aviation	CRRC Zhuzhou Locomotive	SZCCM	SHANGJI AUTOMATION	Ganfeng Lithium Group
Lens Technology	Chengdu Aircraft	Eddie Precision Machinery	GreatStar	KEDE CNC	Tianqi Lithium
.....					

PowerChina Changchun Generating Equipment Group Ltd.

CETC

INSTITUTE OF EARTHQUAKE FORECASTING,CEA

HIGOLD GROUP

Zhejiang Hengfeng Top Leisure Co., Ltd.

BIEL Crystal

FEISHEN GROUP

WUYANG PARKING

JIN HU GROUP

SIGLEN ELEVATOR

GREATOO INTELLIGENT

Zhejiang Yotrio Group

Zhejiang Kingair

Ningbo Bayi Group Co., Ltd

China Canin electric group company

Jiangxi Yuanyang Security Equipment Industrial Group Co., Ltd.

Hebei Yili Rubber and Plastic Group Co., Ltd

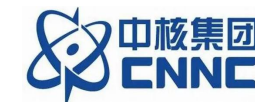
HUBEI DEYI GROUP

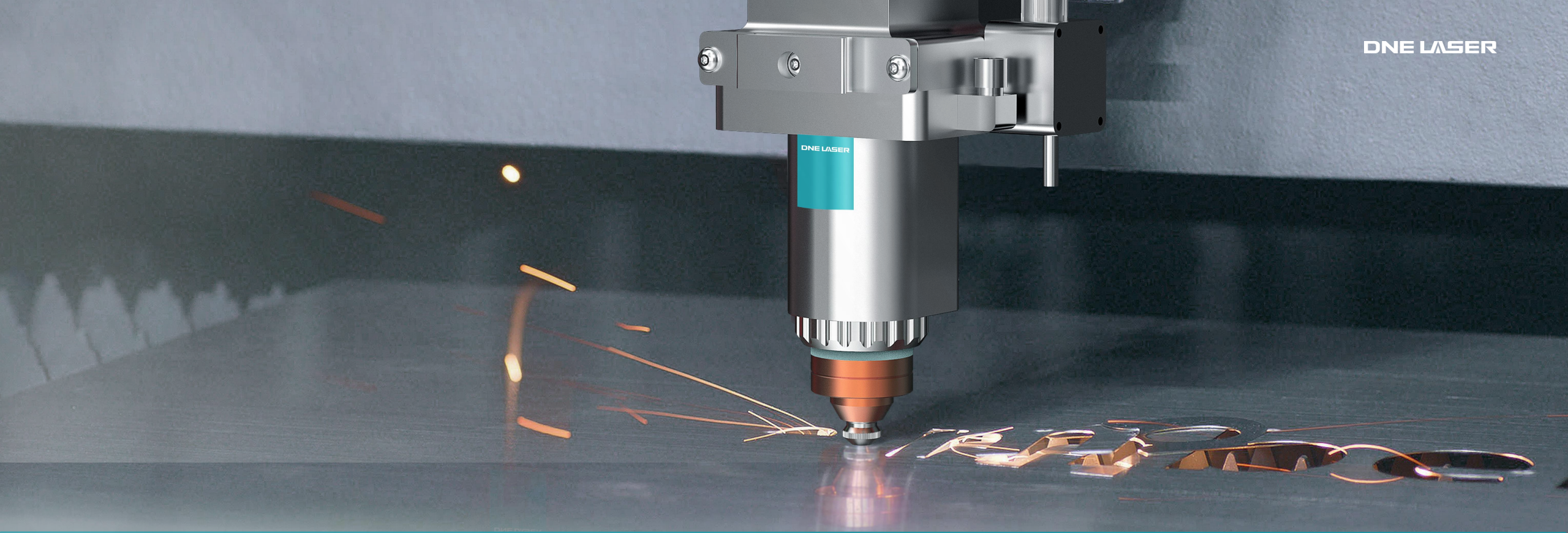
Xidian United Electric Group Co., Ltd

Yongheng Technology Group Co., Ltd

Nanjing Wuzhou Refrigeration Group Co., Ltd

Xiamen Aerospace Siert Robot System Co., Ltd



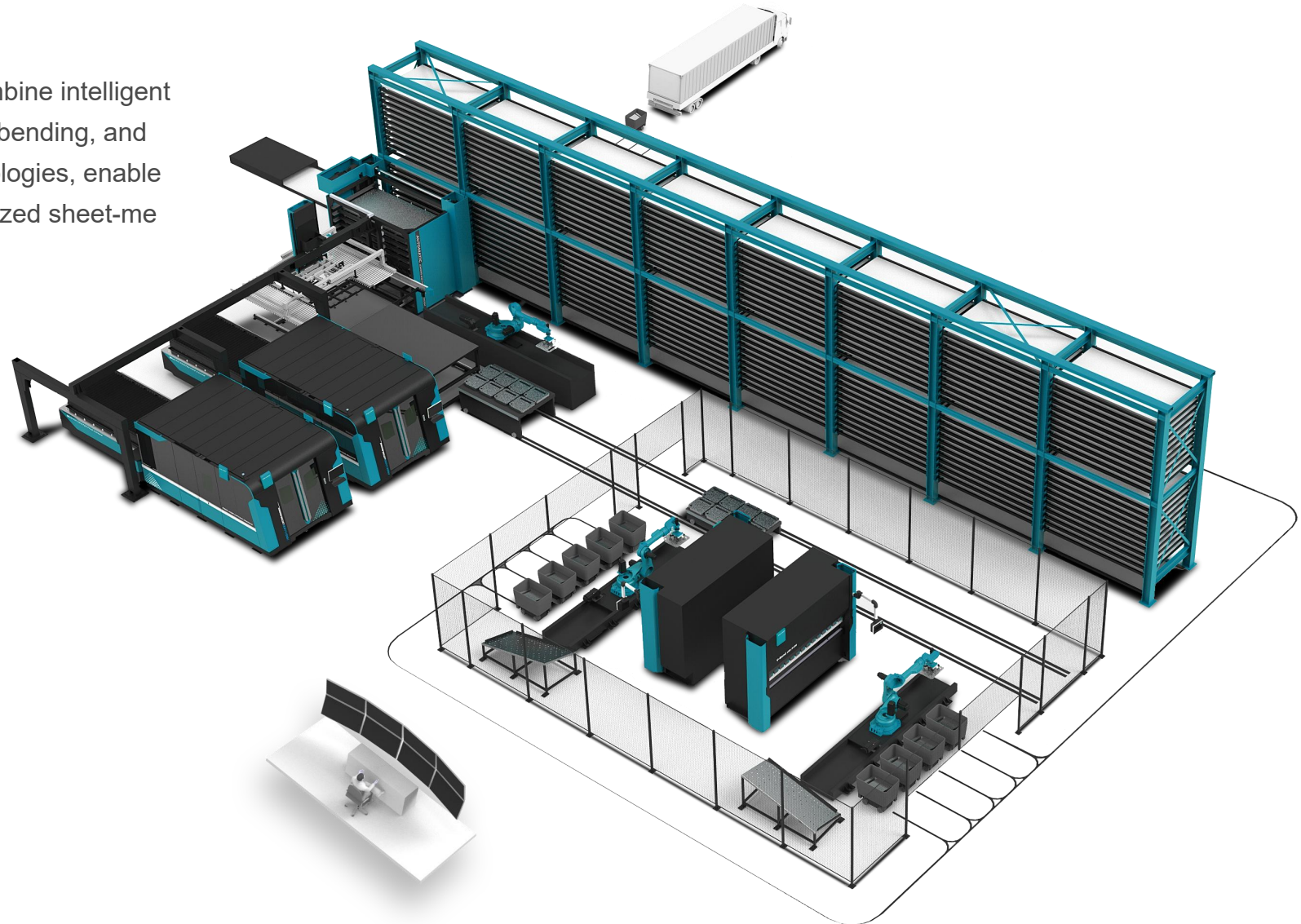


Products Portfolio

- Automation System
- Sheet Metal Cutting
- Tube Laser
- Bending Machine

D-Smart Factory Solutions

Integrated automation systems that combine intelligent warehousing, laser cutting, and flexible bending, and connect via MES and digital twin technologies, enable fully data-driven, unmanned, and visualized sheet-metal manufacturing.



D-Trans

Automatic loading and unloading system for laser cutting machine



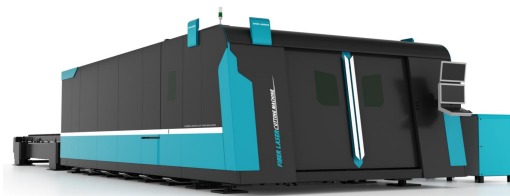
	D-Trans	
Main parameters/configuration	1530	2040
Max.Sheet metal weight	300/800 Kg	300/1000 Kg
Max.Sheetmetal size	3000*1500mm*mm	4000*2000mm*mm
Min.Sheetmetal size	1000*1000 mm*mm	1000*1000 mm*mm
Sheet metalthickness	0.8-20 mm	0.8-15 mm
Trolley load	3000Kg	5000 Kg
Sheet metal distribution	Standard	Standard
Double sheet metal detection	Standard	Standard
Traceless gear shaper	Optional	Optional
Electric raw material/Smalltrolley for finished product	Optional	Optional
Double-layerraw material/Electric trolley for finished product	Optional	Optional
Small material handling trolley	Optional	Optional

D-Roller



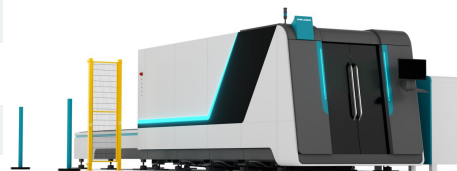
	D-Roller
Feeding width	100-1500mm
Material thickness (Choose one out of four)	0.3-1.0 mm(Galvanized sheet, ordinary carbon steel); 0.3-0.5mm(Stainless steel) 0.5-2.0 mm(Galvanized sheet, ordinary carbon steel); 0.5-1.5mm(stainless steel) 0.8-3.0 mm(Galvanized sheet, ordinary carbon steel); 0.8-2mm(stainless steel) 1.0-5.0 mm(Galvanized sheet, ordinary carbon steel); 1.0-3.5mm(stainless steel)
Feeding length	9999.99mm (Digital adjustable)
Leveling roll	Upper 5 Lower 6 (Hard-chrome-plated) -11 rolls Upper 7 Lower 8 (Hard-chrome-plated) -15 rolls
Leveling flatness	11-roll: $\leq \pm 1.5\text{mm/m}^2$ 15-roll: $\leq \pm 1.0\text{mm/m}^2$
Feeding accuracy	$\pm 0.5\text{mm/m}$
Feeding speed	24m/min Maximum feeding speed
Maximum material width	1500mm

D-Soar PlusG



Product	D-Soar Plus-G
Laser source	Fiber Laser Source(optional)
Format	2040 2060 2560 2580 25120
Laser power	12000W 20000W 30000W 40000W 60000W
X/Y-axis linkage maximum acceleration	2.8 G
X/Y-axis linkage maximum positioning speed	280 m/min
X/Y-axis positioning accuracy	±0.05mm
X/Y-axis repeated positioning accuracy	±0.02mm
Power consumption of complete machine	≤60kW ≤80kW ≤110kW ≤150kW ≤190kW ≤250kW

D-Speed



Product	D-Speed
Laser source	Fiber Laser Source
Format	1530 2040 2060 2560 2580 25120
Laser power	3000W 6000W 12000W 20000W 30000W
Max. single-axis acceleration	1.5 G
X/Y-axis Max. linkage acceleration	2.0 G
X/Y-axis Max. linkage positioning speed	150 m/min
X/Y-axis positioning accuracy	±0.05mm

D-Soar

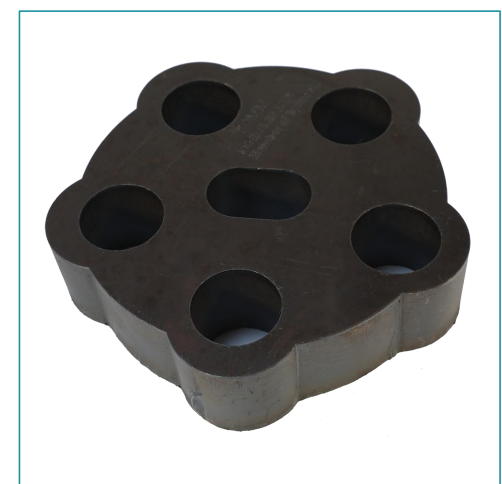
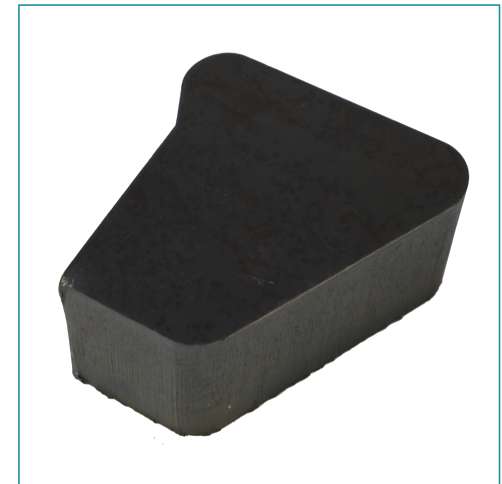


Product	D-Soar
Laser source	Fiber Laser Source(optional)
Format	1530 2040 2060 2560 2580 25120
Laser power	3000W 6000W 12000W 20000W 30000W
X/Y-axis linkage maximum acceleration	1.2G
X/Y-axis linkage maximum positioning speed	120 m/min
X/Y-axis positioning accuracy	±0.05mm
X/Y-axis repeated positioning accuracy	±0.03mm
Power consumption of complete machine	≤30kW ≤40kW ≤65kW ≤95kW ≤135kW

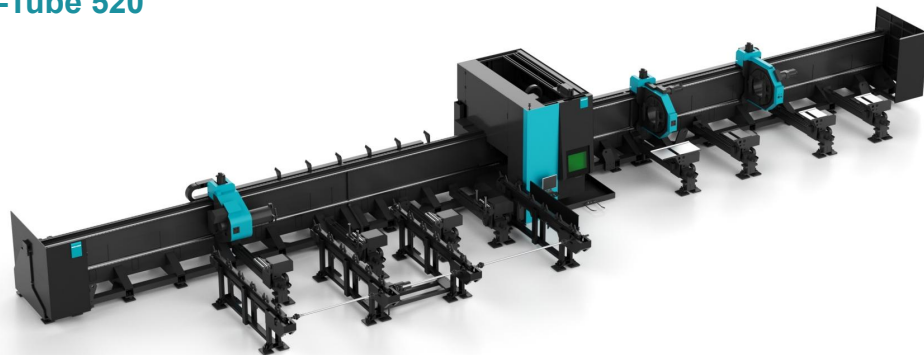
D-Giant



Product	D-Giant
Laser source	Fiber Laser Source(optional)
Laser source	Width:3m /3.5m/ 4m /4.5m /5m; Length:12-40m
Format	12000W 20000W 30000W 40000W 60000W 80000W
Laser power	1.4G/1.4G/1.2G/1G/1G
X/Y-axis Max. linkage acceleration	120/120/100/80/80 m/min
X/Y-axis Max. linkage positioning speed	50m/min
X/Y-axis Max. linkage acceleration	0.5G
X/Y-axis Max. linkage positioning speed	±0.15mm/10m
X/Y-axis positioning accuracy	±0.10mm/10m
X/Y-axis repeated positioning accuracy	≤70kW ≤110kW ≤140kW ≤170kW ≤250kW ≤320kW
Power consumption of complete machine	Optional



D-Tube 520

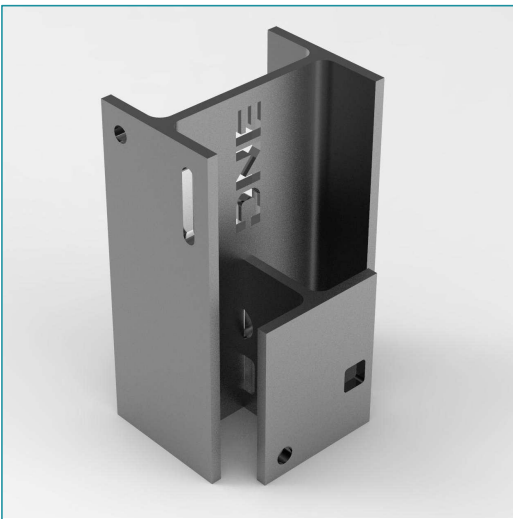
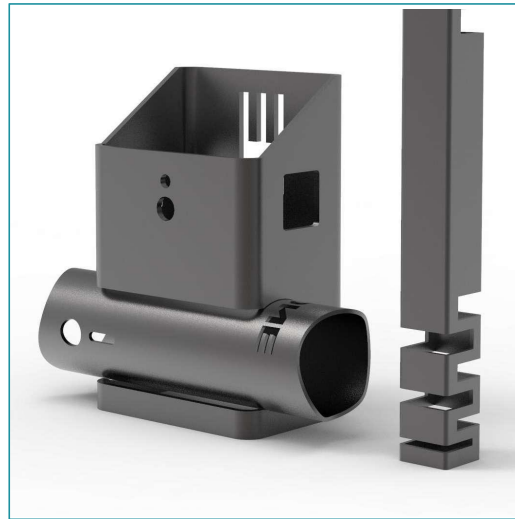


D-Tube				
Model	520			
Number of chucks	3		4	
Round tube (mm)	$\Phi 50\text{--}\Phi 510$			
Square tube(mm)	$\square 50\text{--}\square 510\text{--}\square 510\text{--}\square 510$			
Theoretical maximum chuck load	1500kg			
Loading length	12m		12m	
Unloading length	6m	9m	12m	9m
X/Y-axis positioning accuracy	$\pm 0.05\text{mm/m}$			
X/Y-axis repeated positioning accuracy	$\pm 0.03\text{mm/m}$			
B-axis rotation repeated positioning accuracy	≤ 5 arc minutes			
Bevel cutting function	Optional			

D-Tube F



D-Tube F			
Number of chucks	2		
Model	120	240	360
Round tube (mm)	$\Phi 8\text{--}\Phi 110$	$\Phi 12\text{--}\Phi 230$	$\Phi 40\text{--}\Phi 350$
Square tube(mm)	$\square 8\text{--}\square 110\text{--}\square 110$	$\square 12\text{--}\square 230\text{--}\square 230$	$\square 40\text{--}\square 350\text{--}\square 350$
Theoretical maximum chuck load	100kg	300kg	600kg
Loading length	6.5m	6.5m	6.5m
Unloading length	2m	2m	2m
X/Y-axis positioning accuracy	$\pm 0.05\text{mm/m}$		
X/Y-axis repeated positioning accuracy	$\pm 0.03\text{mm/m}$		
B-axis rotation repeated positioning accuracy	≤ 5 arc minutes		
Bevel cutting function	Optional		



C-Bend CNC Bending Machine



C-Bend S Electro-Hydraulic Servo Press Brake



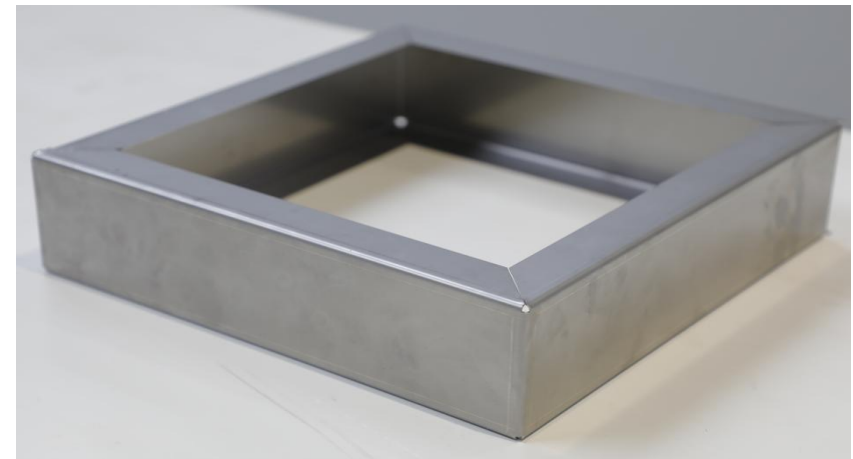
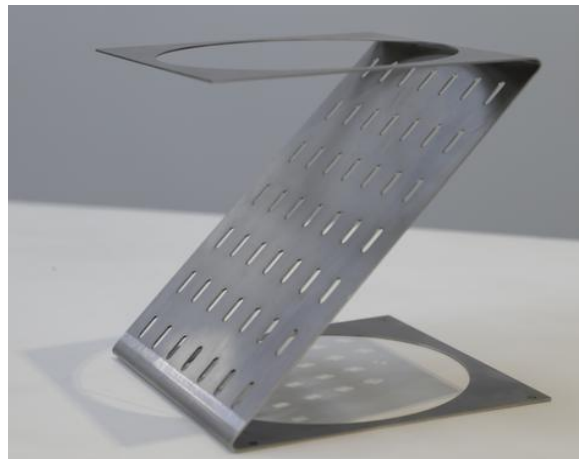
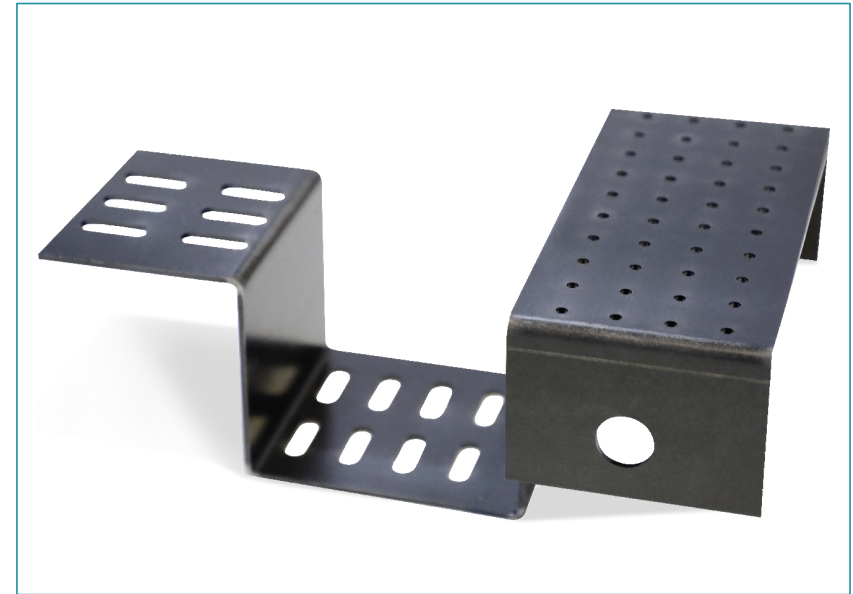
Hot
seller

C-Bend

Technical indicators	Unit	C-Bend 100/3100	C-Bend 160/3100
Bending force	kN	1000	1600
Bending length	mm	3100	3100
Cylinder stroke	mm	200	300
Opening height	mm	500	600
Throat depth	mm	410	410
Side plate spacing	mm	2500	2500
X-axis precision	mm	0.05	0.05
Y-axis precision	mm	0.01	0.01

C-Bend S

Technical indicators	Unit	C-Bend S 100/3100	C-Bend S 160/3100
Bending force	kN	1000	1600
Bending length	mm	3100	3100
Opening height	mm	500	600
Throat depth	mm	410	410
Side plate spacing	mm	2500	2500
Y-axis (oil cylinder) travel	mm	200	300
X-axis precision	mm	0.05	0.05
Y-axis precision	mm	0.01	0.01





DNE LASER works hand in hand with you to create a bright future
Service & Support

Pre-sales Service

To meet customer needs, we provide corresponding technical guidance and comprehensive equipment information. From a technical feasibility perspective, we tailor-made laser cutting solutions for customers. We also offer a showroom for customers to visit, sample products, and test machines.

During-Sales Service

Our engineers conduct on-site inspections of the customer's machinery. We assist the customer in planning and designing the production site's water, electricity, and gas connections based on the actual conditions. We also provide free training for the customer's machine operators.

After-sales Service

We are committed to providing comprehensive after-sales support to ensure your complete satisfaction. Our services include:

Warranty: All equipment is backed by a one-year warranty and is eligible for lifetime maintenance.

24/7 Support: We guarantee a prompt response within 24 hours to any equipment issues. Our after-sales engineers will provide timely and effective solutions.

Parts Replacement: Defective parts will be replaced free of charge during the warranty period.

Supplies & Maintenance: We provide all necessary equipment supplies and ongoing maintenance services.

Our commitment is to help you build a world-class factory—we are proud to walk this path with you.

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