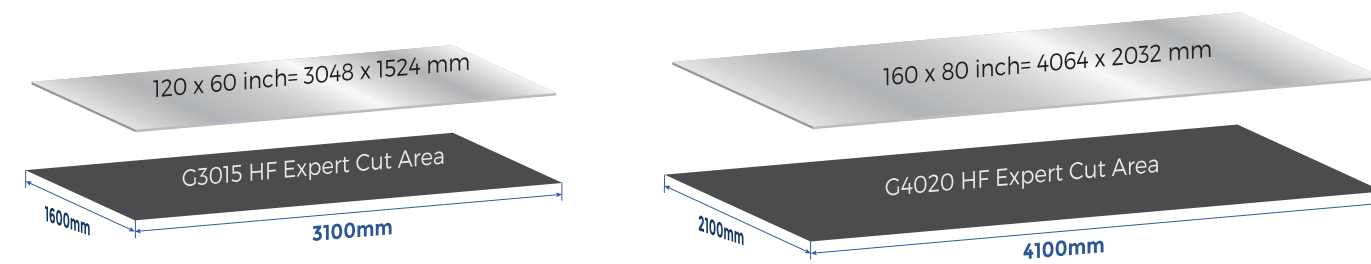


11 Larger Cutting Area

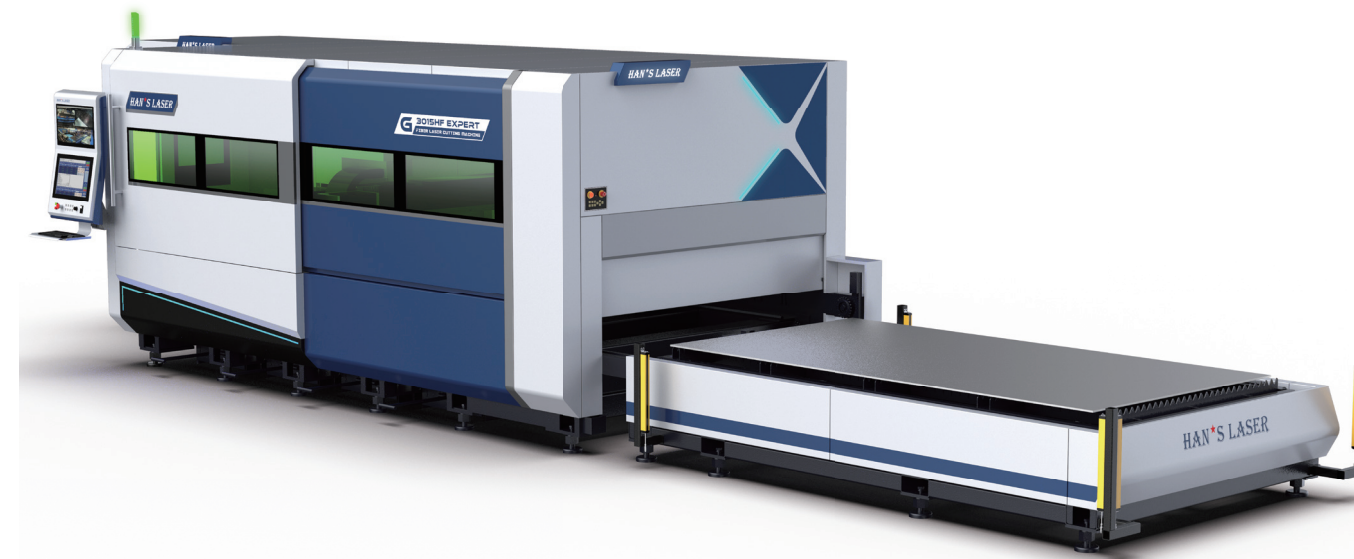
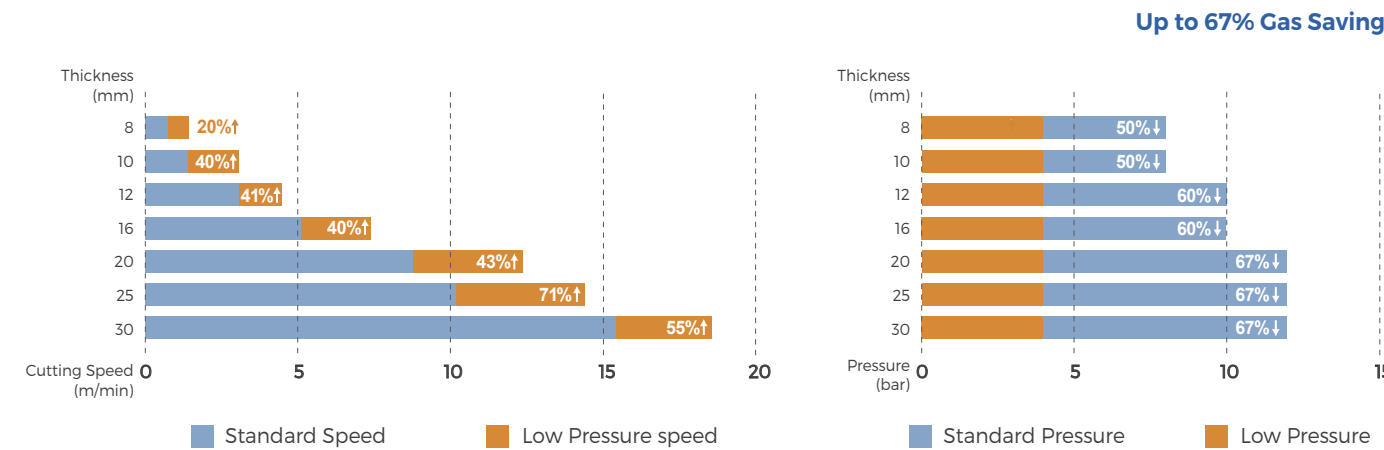
Increased cutting area, be able to cut AS (American standard) sheet in "inch" size.



12 Lower Gas Consumption

Low N₂ pressure cut

Faster cutting speed, less cutting time of the same batch, up to 67% Gas Saving.



HF EXPERT

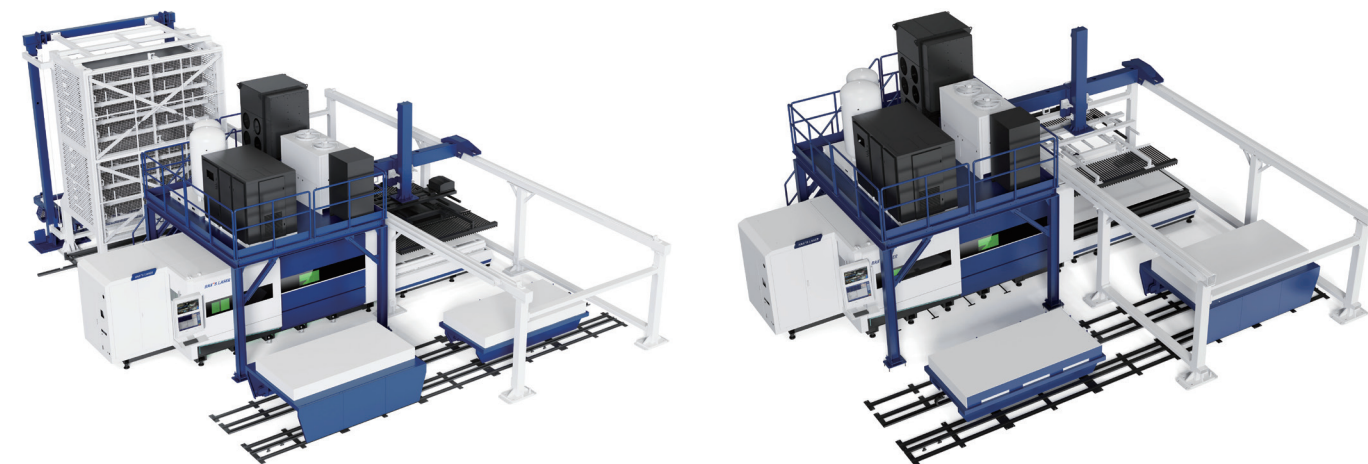
High-productivity Laser Cutting Machine with
OPTIMAL ECONOMIC BENEFITS

	G3015 HF Expert	G4020HF HF Expert	G6025HF Expert	G8025HF Expert
Working Area	3100mmx1600mm	4100mmx2100mm	6200mmx2600mm	8200mmx2600mm
Max. Axis positioning speed (X/Y)	280m/min	280m/min	160m/min	160m/min
Max. Acceleration	3g	3g	2.5g	2.5g
Precision	0.03mm	0.03mm	0.03mm	0.03mm
Repetitiveness	0.02m/min	0.02m/min	0.02m/min	0.02m/min
Max. sheet weight	2150kg/table	3840kg/table	7200kg/table	9600kg/table
Available laser power	6kW / 12kW / 20kW / 30kW / 40kW / 50kW / 60kW			

Data subject to change, thanks for your comprehension.

13 Automation Solutions

Strong technical support and many project experience, offer various automation solutions according to customer requirement.



HAN'S LASER SMART EQUIPMENT GROUP CO.,LTD.

Han's Laser Global Production Base, No.128 Chongqing Road, Fuhai Street, Bao'an District, Shenzhen, P.R.China 518103

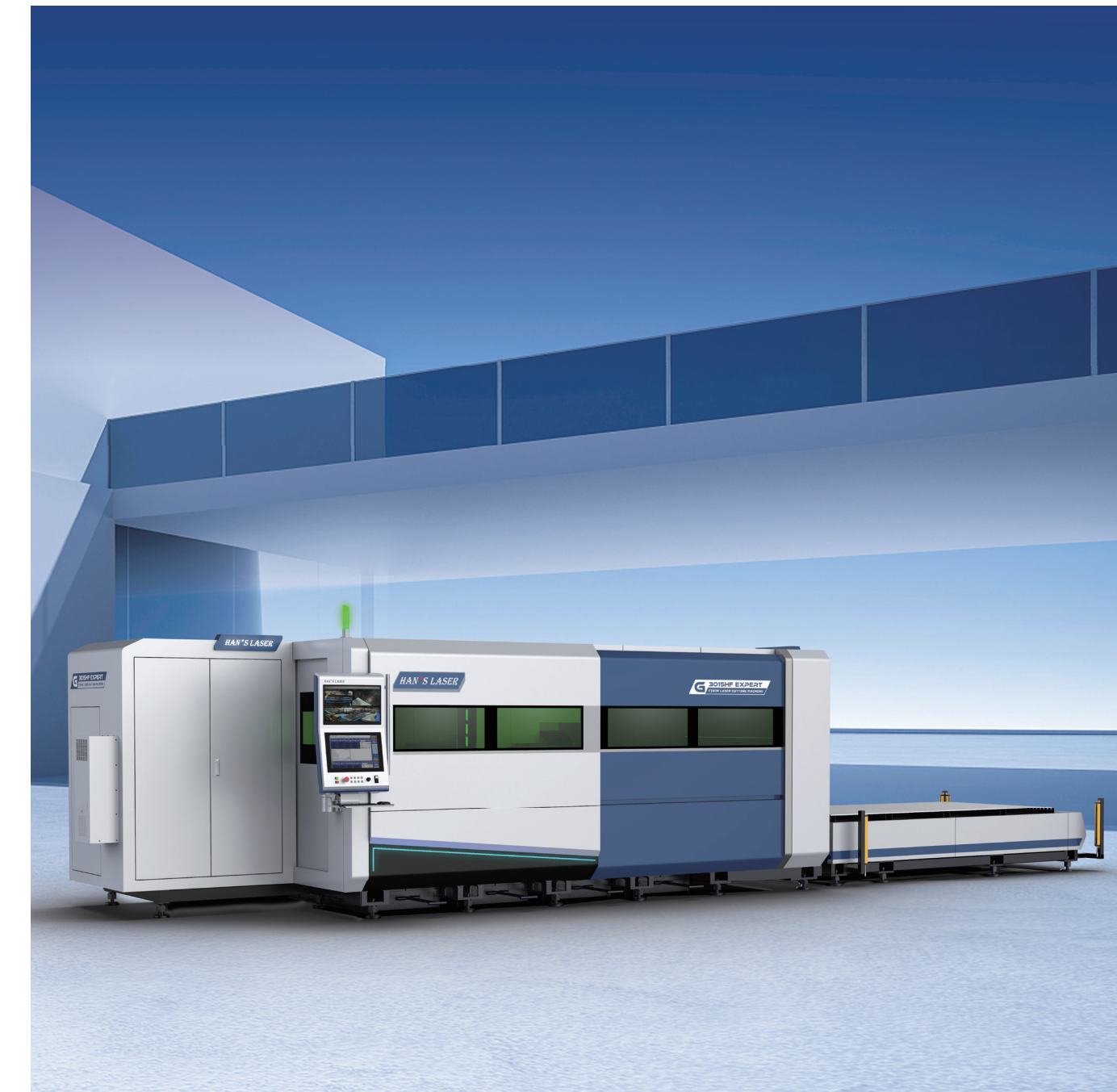
E-mail: hanslaser01@hanslaser.com
<https://www.hansme.net>

Social Media



INTRO

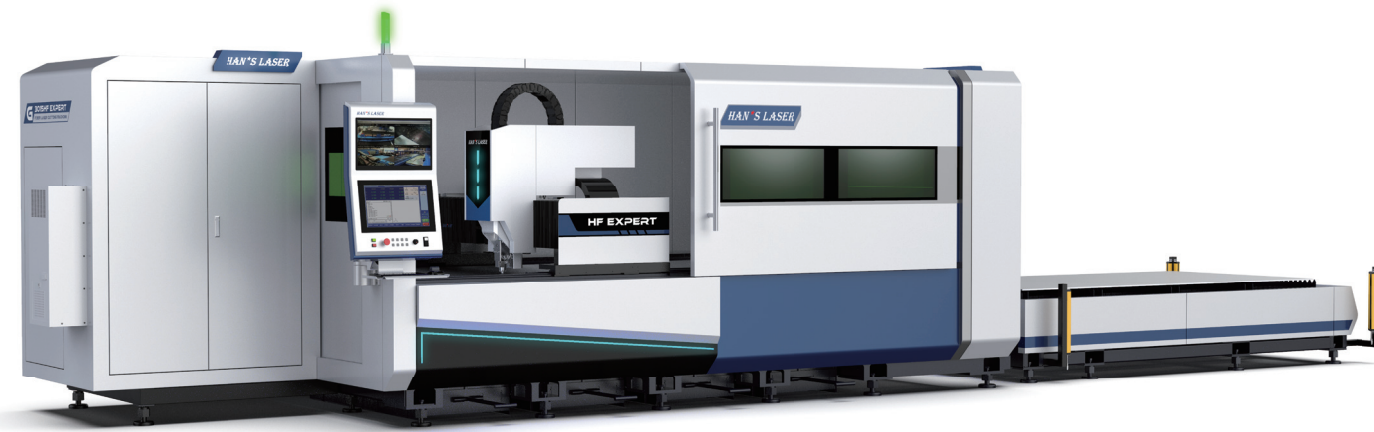
Han's Laser Smart Equipment Group, part of Han's Laser, is a global laser intelligent equipment company that combines laser experience, expertise, and innovation. Since 2005, when the sheet metal division of Han's Laser switched from CO₂ lasers to fiber lasers, the company has accumulated more than 20 years of experience in laser equipment manufacturing and innovation. We provide a full range of laser cutting equipment solutions and services for the smart manufacturing industry, with the goal of integrating lasers into daily life, changing the world with lasers, and promoting industrial interconnection with innovation.



1 Laser Safety

Fully Enclosed machine with OD 5+ laser glass windows:

- Protect the eyes and skin from laser radiation;
- Reduce the noise pollution;
- Reduce the cutting smoke pollution;
- Provide a good working environment;



2 Accessible

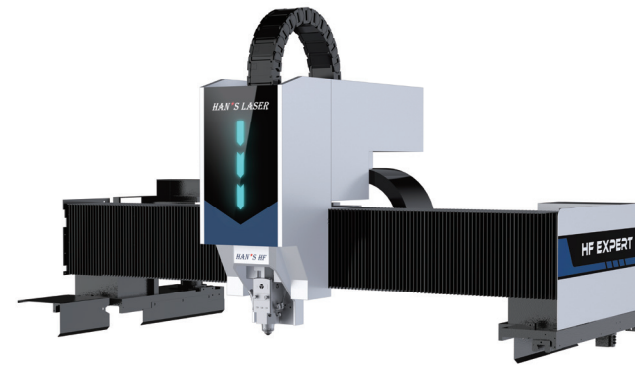
More Accessible & More Flexible

Thanks to adjustable operating terminal & front door + long side sliding door design, Loading/unloading for variety of small piece turn to be easy, shorter response times for Demo-cut.

3 Extremely Fast

High-Dynamic & High-Productivity

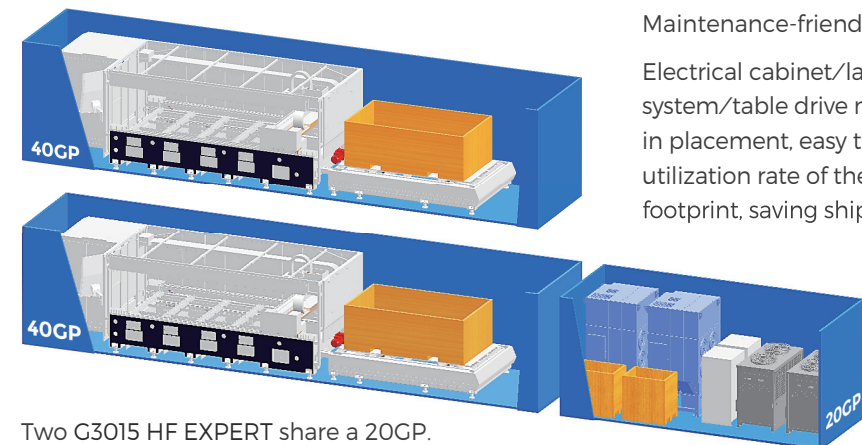
Thanks to optimized frame & extruded aluminum gantry design equipped with "Han's 901 (Rexroth)" Real-time controller and powerful rexroth motors makes HF Expert reaches a very high speed and high acceleration, which means more parts or output in the same amount of time!



4 Compact Design

Maintenance-friendly access, easy to install.

Electrical cabinet/laser source/pneumatic system/lubrication system/table drive motors all integrated in Main Frame, are flexible in placement, easy to install and maintain, effectively improves the utilization rate of the production space, and reduce machine footprint, saving shipping costs.



Two G3015 HF EXPERT share a 20GP.

5 High-precision

More reliability & stability

Professional manufacturing process equipped with high-precision core transmission components, long-term life time of components, good dimensional accuracy of parts.



6 Ultra-High Power Suitable

Hollow structure machine bed (G3015 HF EXPERT)

Ultra High power Up to 60kW suitable, avoid the risk of high power lasers heat deformation, Higher power leads to higher productivity, ensures the long-term, stable and efficient operation.



7 Heavy load capacity for Thick material

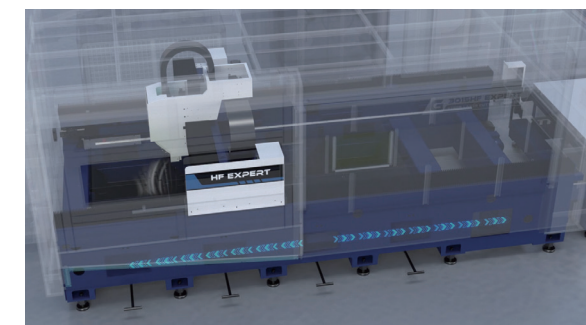
Hydraulic lifting exchange table (Optional)

- Bevel cutting is available by using hydraulic lifting exchange table;
- Two tables can pull out of cutting area at the same time;
- Easy to do maintains job inside the machine;
- Loading & unloading on the table does not affect the other ;
- Ensure good cutting quality when the other table is loading or unloading;

8 Work Environment Friendly

Separation dust suction system

The multi-zone suction comes with good dust removal effect by area, which intelligently distributes the air volume of each exhaust outlet to each partition structure and effectively improve the suction and dust removal capacity of the processing area. It also reliable to reduce the risk of contamination of the cutting head that keep your working area clean.

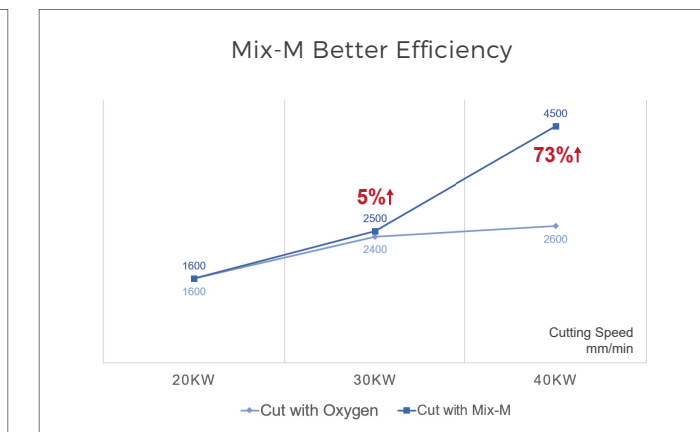
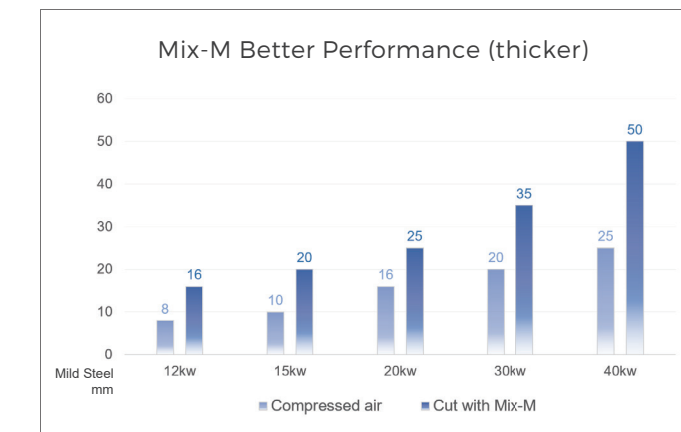


9 Mix-M Device

Gas mixing cabinet patent of Han's Laser (Optional)

Mix-M process function: equipped with a 20kW or higher power laser, suitable for rapid cutting of 10-40mm carbon steel, solving the problem of traditional medium and thick plate cutting sections and corner slag hanging, effectively improving the upper and lower taper and roughness of the workpiece, greatly improving processing efficiency and workpiece accuracy:

- Cut speed is faster than cut with compressed air;
- Cut plate is thicker than cut with compressed air;
- Cut quality is better than cut with compressed air



10 Anti-scratch

Plate lifting and adjusting device (Optional)

- Anti-scratch the underside of the sheet;
- Easy to load and adjust the plate ;
- Ensure a good cut quality especially for stainless steel and aluminum;

