

FLY 3015/4020/6025/8025

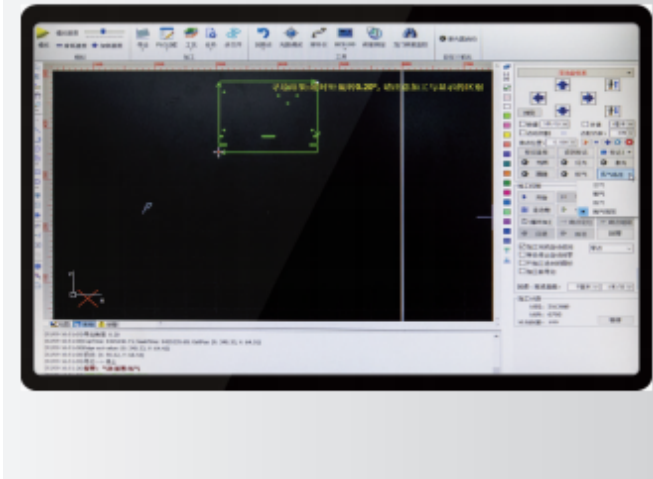
FLY SERIES FIBER LASER CUTTER

■ Customer benefits

- Precision servo motor with high accuracy transmission mechanism, large transmission torque, small error, good dynamic performance;
- Y axis sliding plate is made by cast aluminum, with integrated Z-axis system: high precision fast response, stable operation;
- Enclosing exterior protective design, CE standard protective safety window;
- Adopts parallel 2-layer shuttle tables, strong structure with high efficiency and less faults;
- Ergonomic design, intelligent operating terminal, friendly interface, easy to learn;
- Built-in remote assistance function to deal with equipment failure, improve the time efficiency of equipment fault trouble-shooting and effectively reduce the cost of after-sales service.

■ Characteristics

1



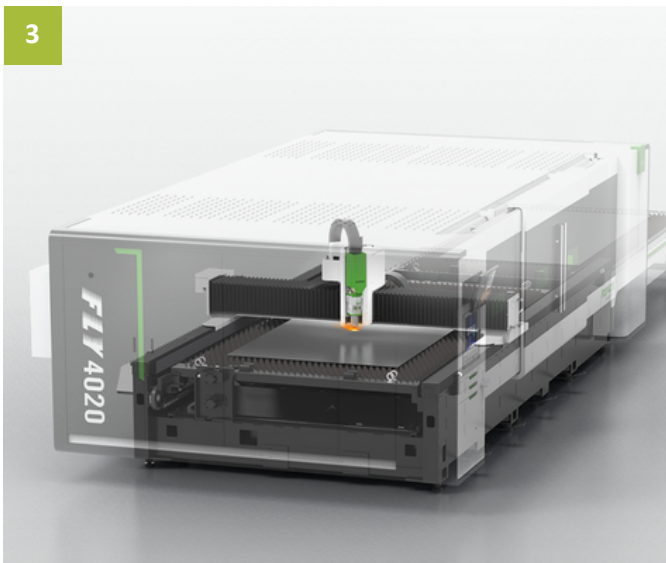
Built in remote assistance function

2



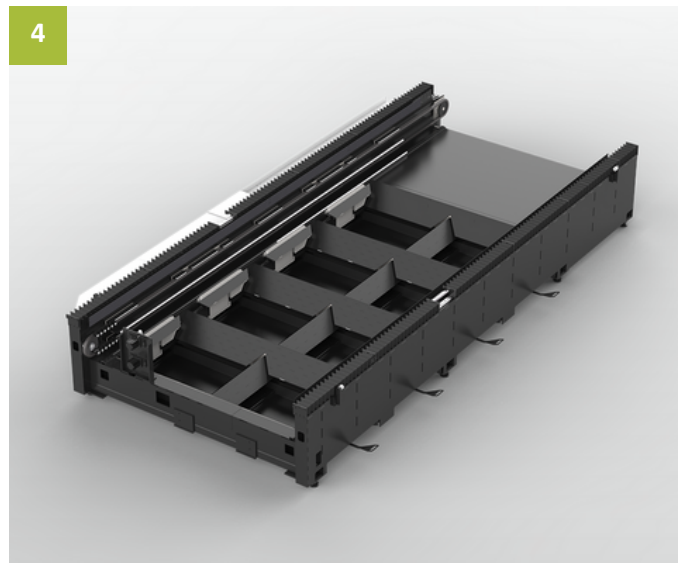
High positional accuracy and acceleration servo motors

3



Totally enclosed design with radiation-proof glass

4



Stabilized speed cutting with extra massive machine bed

■ Specification

Model	FLY3015	FLY4020	FLY6025	FLY8025
Working area	3000 × 1500 mm	4000 × 2000 mm	6000 × 2500 mm	8000 × 2500 mm
Laser power	3000~12000W	3000~12000W	6000~30000W	6000~30000W
Max positioning acceleration	1.7G	1.7G	1.4G	1.4G
Repeated positioning accuracy	±0.03mm/m	±0.03mm/m	±0.03mm/m	±0.03mm/m
Positioning accuracy	±0.05mm/m	±0.05mm/m	±0.05mm/m	±0.05mm/m
Max coordinated speed	140 m/min	140 m/min	140 m/min	140 m/min
Working table exchange time	15s	20s	30s	36s
Weight	7500kg	9000kg	13500kg	19000kg
Overall dimension	9000×3200×2250mm	11500×3700×2250mm	15500×4400×2250mm	20100×4400×2250mm