

EZCNC®

17 YEARS OF
INDUSTRY
EXPERIENCE

EZ EXCHANGE TABLE FIBER LASER

FIBER LASER-APC SERIES

WITH EXCHANGABLE TABLE AND PROTECTING HOUSE



EZCNC

YOUR BEST CHOICE



EZCNC FIBER LASER -APC SERIES

The Ez Exchange Table Fiber Laser, was adopted the Swedish rack and pinion, Japan YASKAWA double servo drivers, Germany Alfa reducer! The precision will be great. The efficiency of auto exchangeable is high, the speed is fast. The running speed is 100 m/min without loading and the acceleration could reach 1.2G. There is IPG high power laser with the machine, it is a perfect product in metal cutting industry.

ADVANTAGE:

- 1.The lowest using cost
- 2.Maintance cost is about Zero
- 3.Fast speed cutting:The speed of fiber laser is about 2~3 times of the normal laser

INDUSTRYS:

- Sign & Advertising industry
Metals industry

MATERIALS:

- Aluminum,
Stainless steel,
Carbon steel ect.

SPECIFICATION

| SPECIFICATION | |
|----------------------|-------------------------|
| Model | GL1530-APC |
| Size (mmXmm) | 1500x3000 |
| Laser type | Fiber laser |
| Laser cutting head | WSX |
| Wave length | 1070nm |
| Controller system | Cypcut |
| X-dual ballscrew | yes |
| Servo system | YASKAWA |
| Max speed | 30m/min |
| Z clearance | 100mm |
| Auto-tracking | BCS100 |
| Smoke exhaust zone | 2 Zones |
| Cooling system | Industry Cooling system |
| Positioning accuracy | 0.03mm |
| Weight | 4T |

FIBER LASER OPTIONS

| Fiber unit | GW1500W | GW2000W | GW3000W | GW6000W |
|------------|---------|---------|---------|---------|
| SS | 4mm | 5mm | 6mm | 12mm |
| Al | 3mm | 4mm | 6mm | 10mm |
| Carbon | 12mm | 14mm | 16mm | 20mm |

CUTTING PARAMETER LIST

| material | thickness | speed m/min | | | | material | thickness | speed m/min | | | |
|-------------------|-----------|-------------|-----------|-----------|-----------|----------|-----------|-------------|-----------|-----------|-----------|
| | | 1500w | 2000w | 3000w | 6000w | | | 1500w | 2000w | 3000w | 6000w |
| (Carbon steel O2) | 1 | 9.0-1.0 | 10.0-13.0 | 10.0-13.0 | 50.0-60.0 | (SS)N2 | 0.5 | 18.0-35.0 | 50.0-80.0 | 50.0-90.0 | 50.0 |
| | 2 | 4.5-5.5 | 5.0-6.5 | 6.0-7.0 | 38.0-45.0 | | 1 | 10.0-15.0 | 20.0-28.0 | 35.0-50.0 | 40.0-50.0 |
| | 3 | 2.8-3.8 | 3.0-4.6 | 3.5-5.0 | 20.0-26.0 | | 2 | 5.0-7.0 | 9.0-13.0 | 15.0-23.0 | 22.0-28.0 |
| | 4 | 2.5-3.3 | 2.8-4.0 | 3.0-4.2 | 15.0-20.0 | | 3 | 3.2-4.5 | 5.0-7.0 | 7.0-11.0 | 16.0-22.0 |
| | 5 | 1.8-2.5 | 2.2-3.2 | 2.5-3.6 | 8.0-14 | | 4 | 2.0-2.8 | 3.5-4.5 | 4.0-4.6 | 7.0-11.0 |
| | 6 | 1.6-2.2 | 2.0-2.8 | 2.4-3.0 | 6.0-11.0 | | 5 | 1.2-2.0 | 1.8-2.5 | 2.5-4.0 | |
| | 8 | 1.1-1.5 | 1.4-2.0 | 1.8-2.4 | 2.5 | | 6 | 0.7-1.0 | 1.2-1.8 | 2.0-3.2 | |
| | 10 | 1.0-1.2 | 1.1-1.4 | 1.2-1.8 | 2.3 | | 8 | 0.5-0.7 | 0.7-1.0 | 1.2-1.8 | |
| | 12 | | 0.9-1.2 | 1.0-1.5 | 1.8 | | 10 | | 0.5-0.6 | 0.7-0.9 | |
| | 16 | | | 0.7-0.85 | 1.2-1.4 | | 12 | | | 0.3-0.4 | |
| | 18 | | | 0.6-0.75 | 8.0-0.9 | (Al)N2 | 1 | 10.0-15.0 | 13.0-25.0 | 30.0-38.0 | 35.0-45.0 |
| | 20 | | | 0.5-0.65 | 0.6-0.7 | | 2 | 5.0-6.0 | 7.0-10.0 | 12.0-16.0 | 45.0-55.0 |
| | 25 | | | 0.4-0.6 | 0.7 | | 3 | 2.5-3.5 | 4.0-6.0 | 6.0-8.0 | 30.0-38.0 |
| | 30 | | | | 0.43 | | 4 | 1.4-2.0 | 2.5-3.5 | 3.5-5.0 | 16.5-23.0 |
| | | | | | | | 5 | 0.8-1.0 | 1.4-1.8 | 2.5-3.5 | 7.0-12 |
| | | | | | | | 6 | 0.5-0.6 | 0.8-1.2 | 1.8-3.0 | |
| | | | | | | | 8 | | 0.5-0.6 | 0.9-1.3 | |

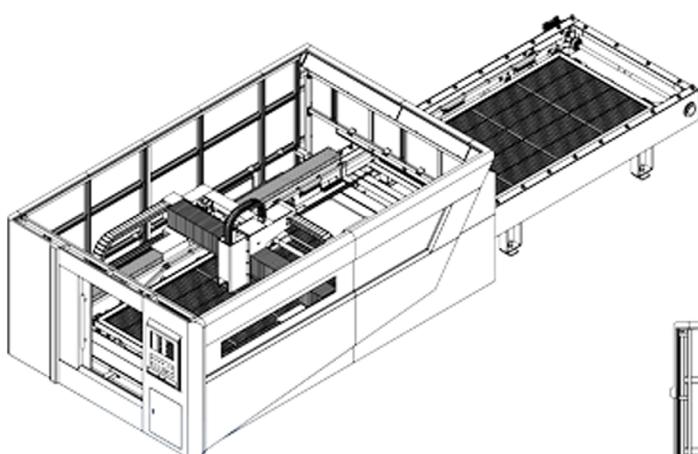
PARTS LIST

| PARTS LIST | | | | | |
|------------|--|-----------------------|----------|----------------|---------|
| NO. | Name | Model | Quantity | Manufacturer | Remarks |
| 1 | Machine Body, Workbench, Tooth Plate | | 1 SET | | |
| 2 | Exchange Table | | 1 SET | | |
| 3 | Beam (Steel Structure) | | 1 SET | | |
| 4 | Reducer | TP025S-MF1-7 | 2 SET | Alpha | |
| 5 | Reducer | TP010S-MF1-7 | 1 SET | Alpha | |
| 6 | X-Axis Motor | SGM7G-30AFC61 | 2 SET | Japan Yaskawa | |
| 7 | Y-Axis Motor | SGM7G-13AFC61 | 1 SET | Japan Yaskawa | |
| 8 | Gear | Modulus 2 | 3 SET | LINDEN | |
| 9 | Rack | Modulus 2 | 3 SET | LINDEN | |
| 10 | X-Axis Guideway | HGH30HA | 2 SET | TAIWAN HIWIN | |
| 11 | X-Axis Guideway | HGH25CA | 2 SET | TAIWAN HIWIN | |
| 12 | Transformer | 8KVA | 1 SET | JIUKO | |
| 13 | Limit, Power Line, Eight-Core Line | | 1 SET | | |
| 14 | Drag Chain, Dust Cover | | 3 SET | | |
| 15 | Lifting Mechanism | | 1 SET | | |
| 16 | Exhaust System | Including Exhaust Fan | 1 SET | CKS Fan | |
| 17 | Lubricant Road 1 | ADAM6591004 | 1 SET | HANGZHOU ADENG | |
| 18 | Lubricant Road 1 | TR-8 | 1 SET | LIUBIAN | |
| 19 | Machined Parts | | 1 SET | | |
| 20 | Z-Axis Sliding Table | Yaskawa 400W Motor | 1 SET | | |
| 21 | Low-Voltage Electrical Appliances | | 1 SET | | |
| 22 | Computer Monitor | | 1 SET | AOC | |
| 23 | Control Cabinet | | 1 SET | | |
| 24 | Gas Path | | 1 SET | | |
| 25 | Proportional Valve | SMC | 1 SET | | |
| 26 | Water Path | | 1 SET | | |
| 27 | Fully Enclosed Sheet Metal | | 1 SET | | |
| 28 | Software | | 1 SET | | |
| 29 | Cutting Head, Height Adjustment, Collimation | | 1 SET | | |
| 30 | Chiller | | 1 SET | | |
| 31 | Laser | | 1 SET | | |

Party B Provides

Party A Provides

CUT SAMPLES

**PERFECT SAMPLE****PERFEC SAMPLE**

| MACHINE SIZE | |
|---------------------|----------------------------|
| Layout size | 9195.5mmX3258.5mmX2134.6mm |
| Package size | 5236.5mmX3500mmX2200mm |

