



## EETO-FPC SERIES

### TECHNICAL PARAMETER:

|                         |  |
|-------------------------|--|
| Pipe Dimensions         | Diagonal:Φ20mm-Φ200mm<br>Length: Standard 6m (Other Length Optional) |
| Tube Category           | Round, Square, Oval, Rectangular, Triangle, etc.                     |
| Laser Power             | 500W-3000W   |
| Max. Acceleration       | 0.8G   |
| Rotary Speed            | 80r/min  |
| Position Accuracy       | ±0.03mm/m  |
| Repositioning Accuracy  | ±0.05mm  |
| Total Power Consumption | 17.2KVA~28.5KVA  |
| Power Supply            | 380V 50HZ / 380V 60HZ / 220V 60HZ                                    |
| Dimensions              | 11093*1730*2326mm  |

### MAIN CONFIGURATION:

| Main Configurations   | Content                             | Brand                               |
|-----------------------|-------------------------------------|-------------------------------------|
| Laser Generator       | 500W-3000W                          | IPG / Raycus                        |
| Laser Cutting Head    | BT240/BM109/BM111/BM114             | Raytools, Switzerland               |
| Height Controller     | BCS100                              | Bochu, China                        |
| CNC Cutting Software  | Fscut 5000B EtherCAT                |                                     |
| Nesting Software      | TubesT                              | Bochu, China                        |
| Motor and Driver      | EtherCAT                            | MotionPower, Italy                  |
|                       | X Axis 1.8kw                        |                                     |
|                       | Y Axis 3kw                          |                                     |
|                       | W1 3kw W2 3kw                       |                                     |
|                       | Z Axis 0.75W                        |                                     |
| Speed Reducer         | Standard                            | Shimpo, Japan / MOTOREDUCER, France |
| Rack and Pinion       | Standard                            | YYC, Taiwan                         |
| Linear Guide          | Standard                            | TBI, Taiwan                         |
| Proportional Valve    | Standard                            | SMC, Japan                          |
| Electrical Components | Standard                            | Schneider, France                   |
| Limit Switch          | Standard                            | Omron, Japan                        |
| Drag Chain            | Standard                            | Igus, Germany                       |
| Cooling System        | Dual Temperature Industrial Chiller | Tongfei, China                      |
|                       | Industrial Air Conditioner          |                                     |
| Lubrication System    | HTS02(Automatic)                    | EETO, China                         |
| Close-Loop Gas System | Standard                            | EETO, China                         |
| Voltage Stabilizer    | To Match Local Power                | XiShun/FATO, China                  |
| Industrial PC         | WIN7/32Bit                          | Friendness, China                   |
|                       | 4GB RAM                             |                                     |
|                       | High Speed 3.0 USB Interface        |                                     |