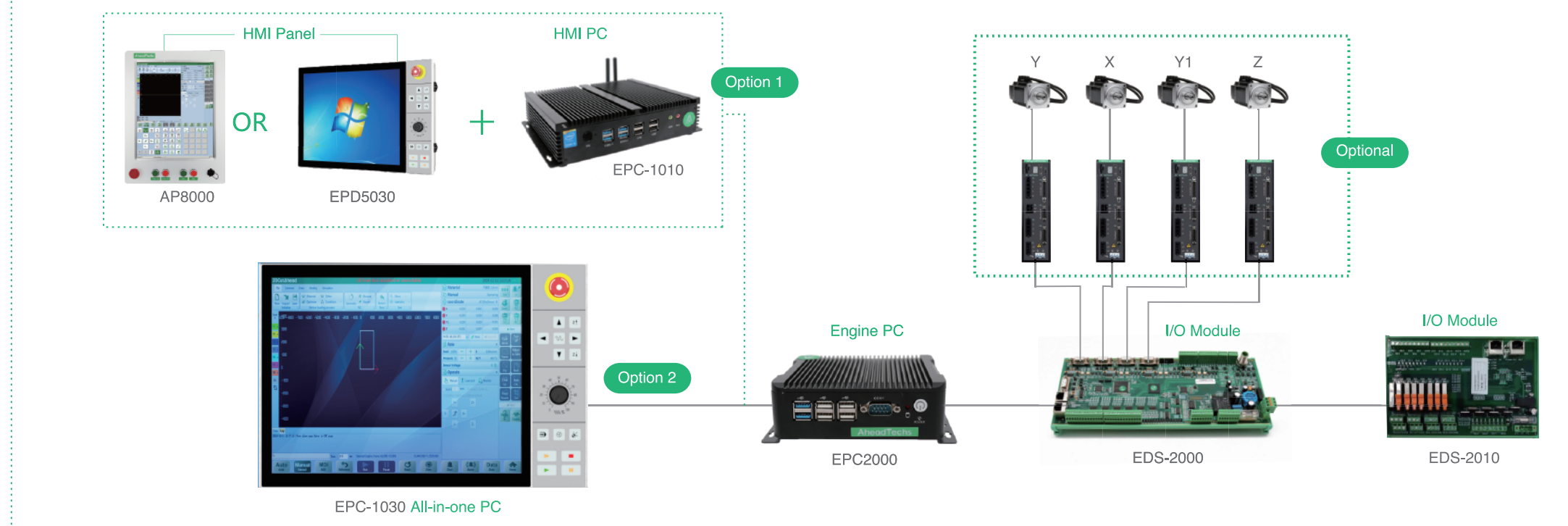
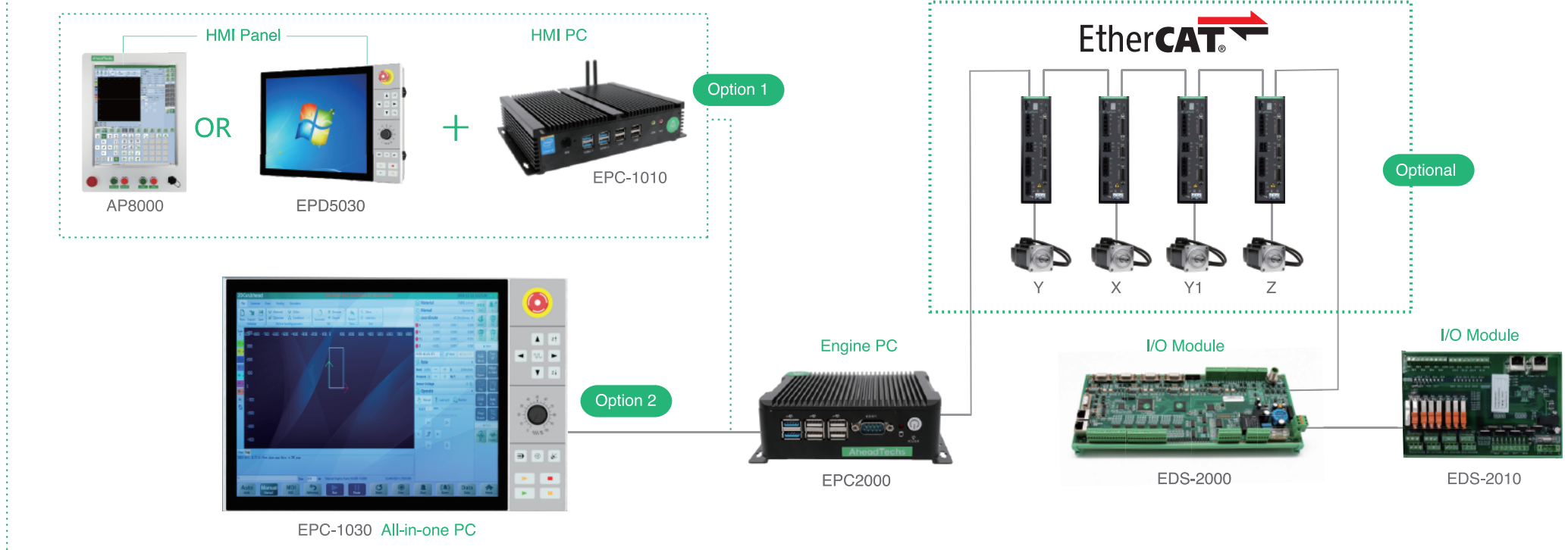


## EtherCAT Control Layout

## Pulse/Direction Control Layout

X CNC



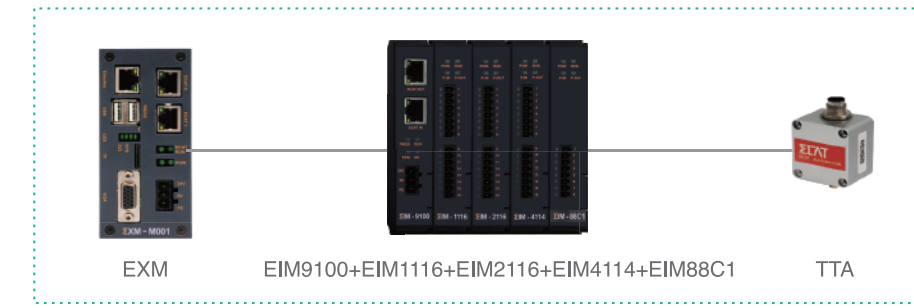
### EtherCAT Height Sensor Kit



### Standalone/EtherCAT Height Sensor Kit



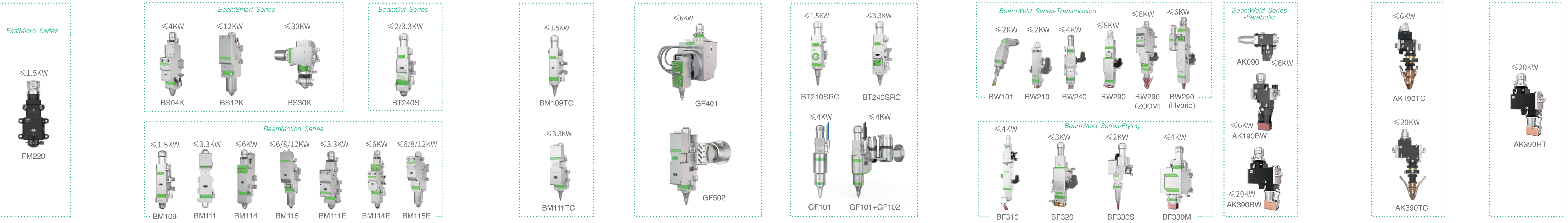
### 0~10V Height Sensor Kit



### 0~10V Auto Focus Controller



Beam Delivery



Micro Cutting

2D Cutting

Tube Cutting

4/5 Axis Cutting

Robot Cutting

Welding

Cladding

Hardening

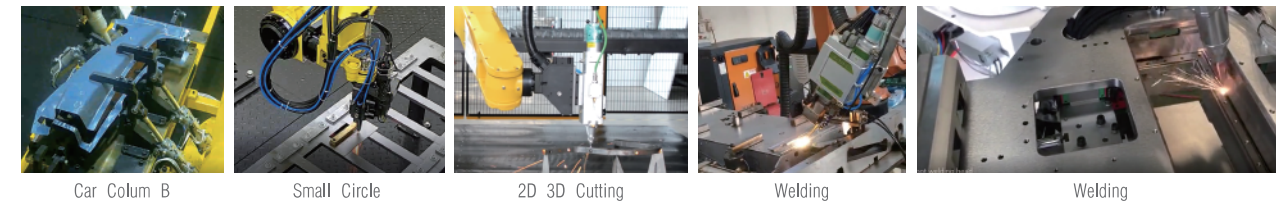


## Robotics Fiber Laser Cutting/Welding Kit

2D/3D metal Cutting/Welding Solutions

Automated robot laser system for cutting and welding. Applicable to 3D or 2D metal cutting and metal welding with flexible option in profile shapes and processing paths.

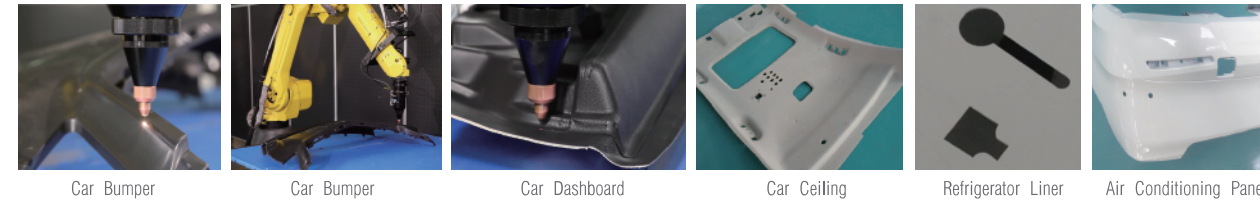
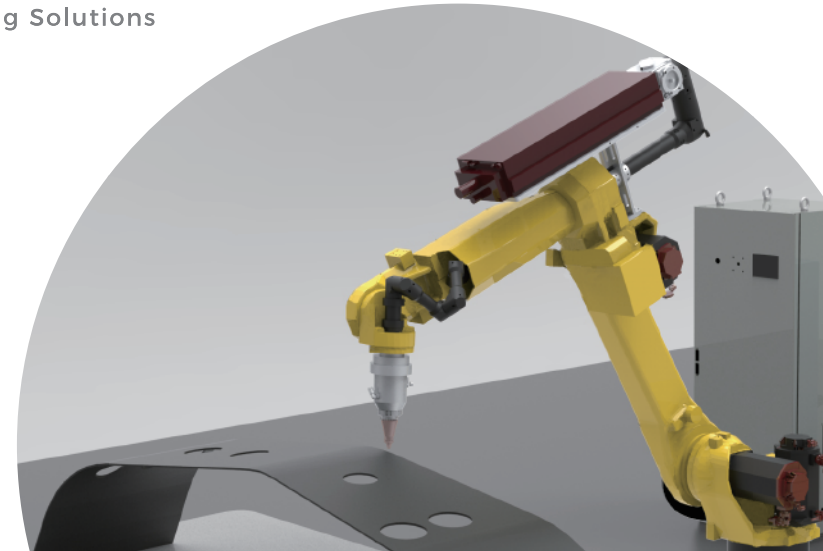
Robotics Fiber Laser Cutting Kit  
Robotics Fiber Laser Cutting Kit Pro  
Robotics Fiber Laser Welding Kit



## Robotics CO2 Laser Cutting Kit

2D/3D Non-metal Cutting Solutions

Commonly used for cutting of non-metal 3D materials like PP, PC, PET, PUR, PA, PE, PVC, ABS...



# RayTools Business Overview

## Empower OpenLaser Solution

RayTools AG designs and produces laser beam delivery systems, commonly called beam tools or processing heads. Founded in 2005, RayTools is headquartered at its design center in Switzerland. Its processing heads are used for macro- and micro-processing applications, which includes cutting, welding, cladding and heat treatment etc. RayTools processing heads have built-in intelligence, incorporating real-time sensing, feedback control loop, and adjustment capabilities. RayTools has grown to be one of the largest beam tool suppliers in the world. It sells more units, to more customers, than any other company in its category.

### X CNC

#### Smart CNC System

- ▶ Motion Control - Laser Cutting (Flat/Tube)
- ▶ Motion Control - Laser Welding/Cladding/Hardening
- ▶ EtherCAT Height Sensor Kit
- ▶ Standalone/ EtherCAT Height Sensor Kit
- ▶ 0~10V Height Sensor Kit
- ▶ 0~10V Focus Controller

### BeamTools

#### Beam Delivery System

- ▶ Micro Cutting  
FastMicro Series
- ▶ 2D Cutting  
BS - BeamSmart Series  
BT - BeamCut Series  
BM - BeamMotion Series
- ▶ Tube Cutting
- ▶ 4/5 Axis Cutting
- ▶ Robot Cutting
- ▶ Welding  
BeamWeld Series-Transmission  
BeamWeld Series-Flying  
BeamWeld Series-Parabolic
- ▶ Cladding
- ▶ Hardening

### Solutions

#### Cutting/Welding Kit

- ▶ Robotics Fiber Laser Cutting/Welding Kit
- ▶ High Precision Micro Cutting Station
- ▶ Robotics CO2 Laser Cutting Cell
- ▶ Handheld Laser Welding Machine

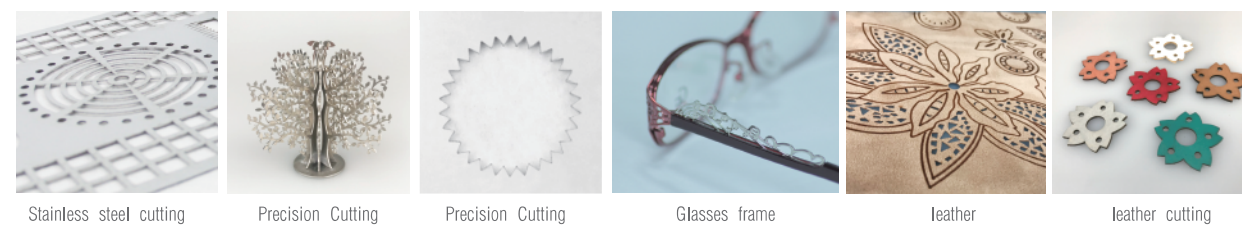
Solutions

## High Precision Micro Cutting Station



EMP5040  
EMP6060  
EMP8080  
EMP1250

It is suitable for high-speed and high-precision laser processing of thin plates. The machine is stable in operation, mature in technology, high in cutting efficiency, small in area and large in processing area.

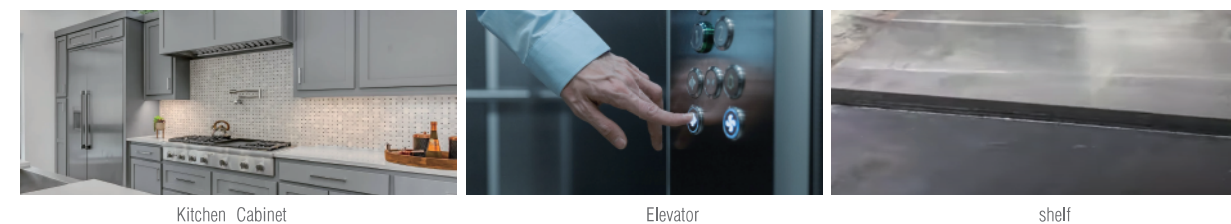


## Handheld Laser Welding Machine



OLE-HW1000  
OLE-HW1500  
OLE-HW2000

Fast welding speed and good seam finish in laser welding application. In the welding of thin stainless steel, mild steel and galvanized steel, it can replace most of traditional TIG/MIG welding. Widely used in kitchen cabinet, staircase, elevator, shelf, stainless steel guardrail, power distribution panel and stainless steel furniture etc.



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