

LASER PROJECTION SYSTEM

Han's Scanner laser projection system uses customized control software to control the high speed scanning mirror and project the laser beam to the surface accurately in a 1:1 ratio ,display the contour and anchor point of the workpiece /item,assisting the operator to locate the large workpiece/item efficiently and accurately ,reducing the layout ,setup and assembly time ,significantly improving the production efficiency .At the same time ,It minimizes the impact of operator variables in the assemble process ,reduces manufacturing errors ,rework and nonconforming products .After specially optimized projection system customization software ,support a variety of common formats of 3D graphics files ,support large range of correction simple operation ,easy to use .

FEATURES

Self-designed scanning galvanometer ,high speed ,high precision and good stability .

High power green laser ,long transmission distance.

Ethernet communication ,strong anti-interference ability ,multi-machine collaboration is convenient .

Calibration operation is simple ,the upper computer software interface is friendly and fast .

APPLICATION SCENARIOS



水泥预制件
Positioning in Construction Industry



大型工件铺装定位
Large Workpiece Positioning



木材家具加工
Wood Furniture Production



飞机、轮船喷涂定位
Painting Positioning of Large Parts

TECHNICAL PARAMETERS

Laser Projection System	
Laser Beam Diameter (mm)	≤2.5
Laser Wavelength (nm)	532nm, Green laser
Positioning Accuracy(mm/m)	±0.1
Repeatability (mm/m)	±0.025
Projection Angle(°)	80 X 80
Communication Mode	Ethernet
Power Requirement	±15V 5A max
Laser Power(mW)	100
Operation Temperature(°C)	0-40
Dimensions (L*W*H)(mm)	380*160*125
Weight (kg)	4.5

TECHNICAL DRAWING

