DOUBLE-HEAD SAW CNC SYSTEM
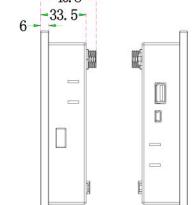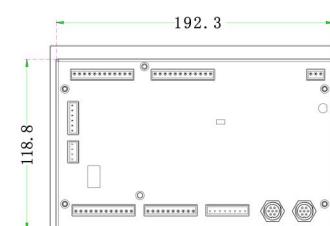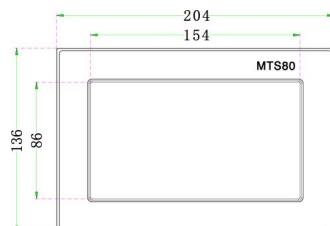# 双头锯数控系统

MTS-80

■ 7吋高清触摸彩色显示屏，全自动控制一体机，控制所有逻辑动作
7-inch high-definition touch color display, fully automatic control all-in-one machine, control all logical actions

■ 多轴多种控制方式：可控制步进，伺服，普通电机+高精度磁栅大闭环定位反馈系统
Multi-axis and multiple control methods: stepping, servo, ordinary motor + high precision magnetic grid large closed-loop positioning feedback system

■ 内置充电锂电池，支持掉电保存测量位置，无需更换电池
Built-in rechargeable lithium battery, support to save measurement position when power off, no need to replace battery

■ 支持无线数据传输功能
Support wireless data transmission function

■ 支持扫码定位加工，自动生成条码，自动打印功能
Support scan code positioning processing, automatically generate barcodes, automatic printing function

■ 机械误差分段补偿设置和摆角补偿设置.可减少设备机械误差
Mechanical error segment compensation setting and swing angle compensation setting can reduce the mechanical error of the equipment

■ 支持485,232，通讯接口，USB升级软件
Support 485,232, communication interface, USB upgrade software

■ 自动一键测量料高/手动修改料高/无线传输料高
Automatic one-key measurement of material height / manual modification of material height / wireless transmission of material height

■ 全铝合金外壳结构设计，抗压性强，适用于自动化设备在恶劣环境适用
All aluminum alloy shell structure design, strong pressure resistance, suitable for automation equipment in harsh environments

特性 features	技术参数 Technical parameters	备注 Notes
系统精度 System accuracy	+/-(0.03+0.01*L)mm	L单位为米 L is in meters
重复精度 Repeat accuracy	0.01mm	
测控范围 Measurement and control range	-9999.99-99999.99mm	
显示分辨率 Display resolution	0.01,0.05,0.1,1mm	
输出形式 Output form	晶体管输出，脉冲输出 Transistor output, pulse output	
供电电源 Power supply	DC24V	
后备电源 Backup power	锂电池3.7V 1000mAH Lithium battery 3.7V 1000mAH	
整机功耗 Machine power consumption	小于8W Less than 8W	无外接输入输出 No external input and output
测控速度 Measurement and control speed	Max 2M/s	
适用磁栅尺 Applicable magnetic scale	5mmm+5mm	
读头与磁栅间距 Distance between read head and magnetic grid	0.5-1.5mm	
外壳材料 Shell material	铝合金 Aluminum alloy	
传感器长度 Sensor length	Max 15米 Max 15 meters	
传感器防护等级 Sensor protection level	IP67	
工作温度 temperature	-10℃~70℃	
储存温度 Storage temperature	-20℃~80℃	

（安装和调试要点，详见产品说明书）
(Installation and commissioning, see product specifications)