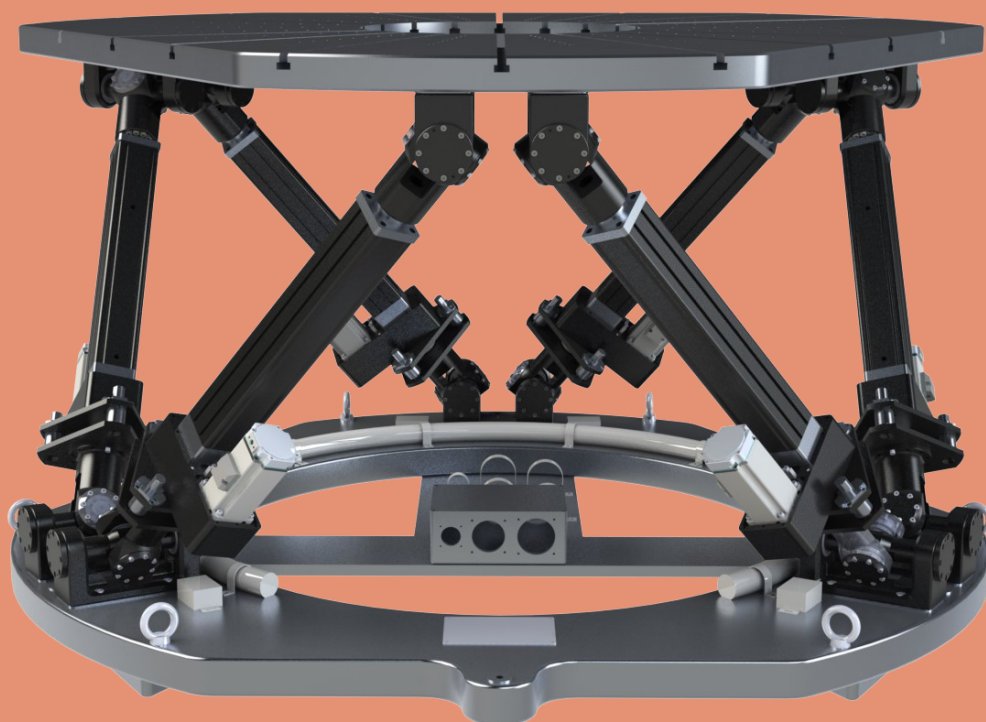


# 并联机器人

## 选型手册

Parallel Robot Selection Manual

S6



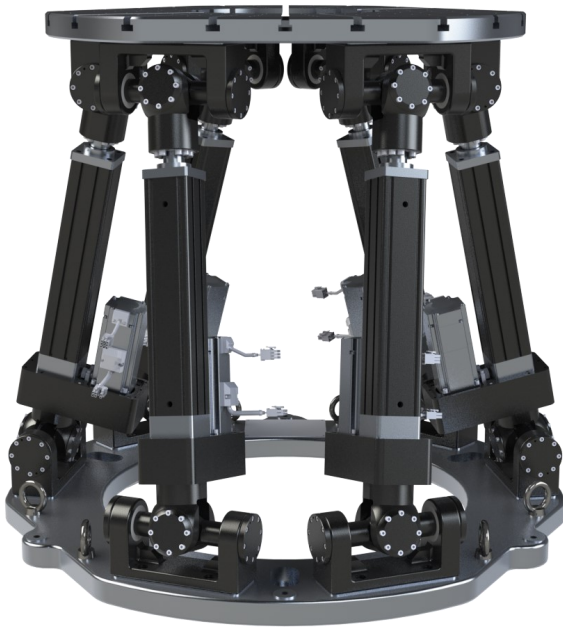
## ● 型号和符号

机型	型号	负载类型	控制器类型	控制柜类型
S6	V0 :标准款	P50: 50kg	A1: ATOMCONTROL	E1: ATOM-01 E2: ATOM-02 E3: 定制
	V1: 带传感器款	P200: 200kg	A2: KEBA CONTROL	
	V2: 大型重载款	P3K: 3T PX: 定制		

## ● Model and Symbol

Robot type	Type	Load Type	Control Type	Control Cabinet
S6	V0 : standard	P50: 50kg	A1: ATOMCONTROL	E1: ATOM-01 E2: ATOM-02 E3: Custom
	V1: with sensor	P200: 200kg	A2: KEBA CONTROL	
	V2: large model	P3K: 3T PX: 定制		

## S6-V0-P50



高精度  
高稳定性  
低成本

High precision  
High stability  
Low cost

- ◆ 负载达到50kg，体积小，可轻松搬运或安装。

The maximum load can reach 50kg, compact design, which can be easily handled or installed.

- ◆ 经典的STEWART并联机构，轻松实现空间6自由度运动

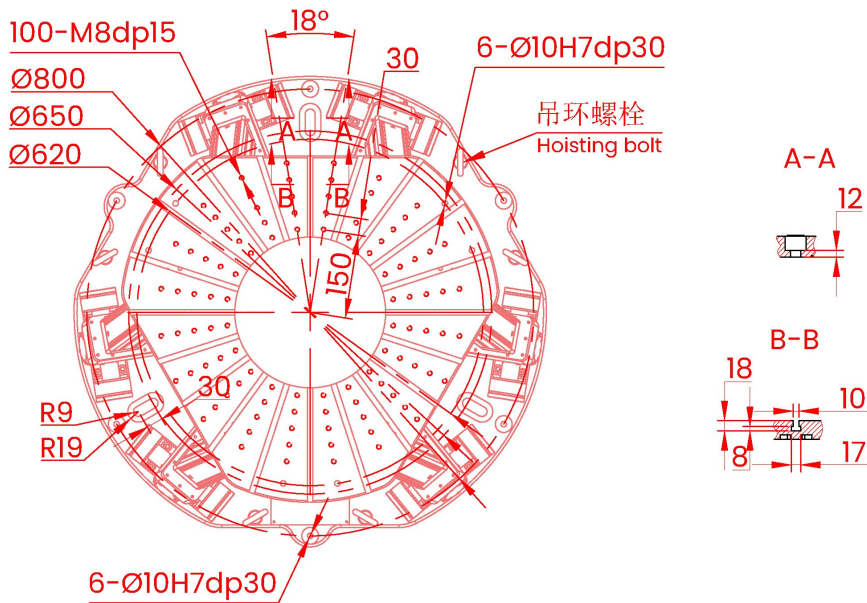
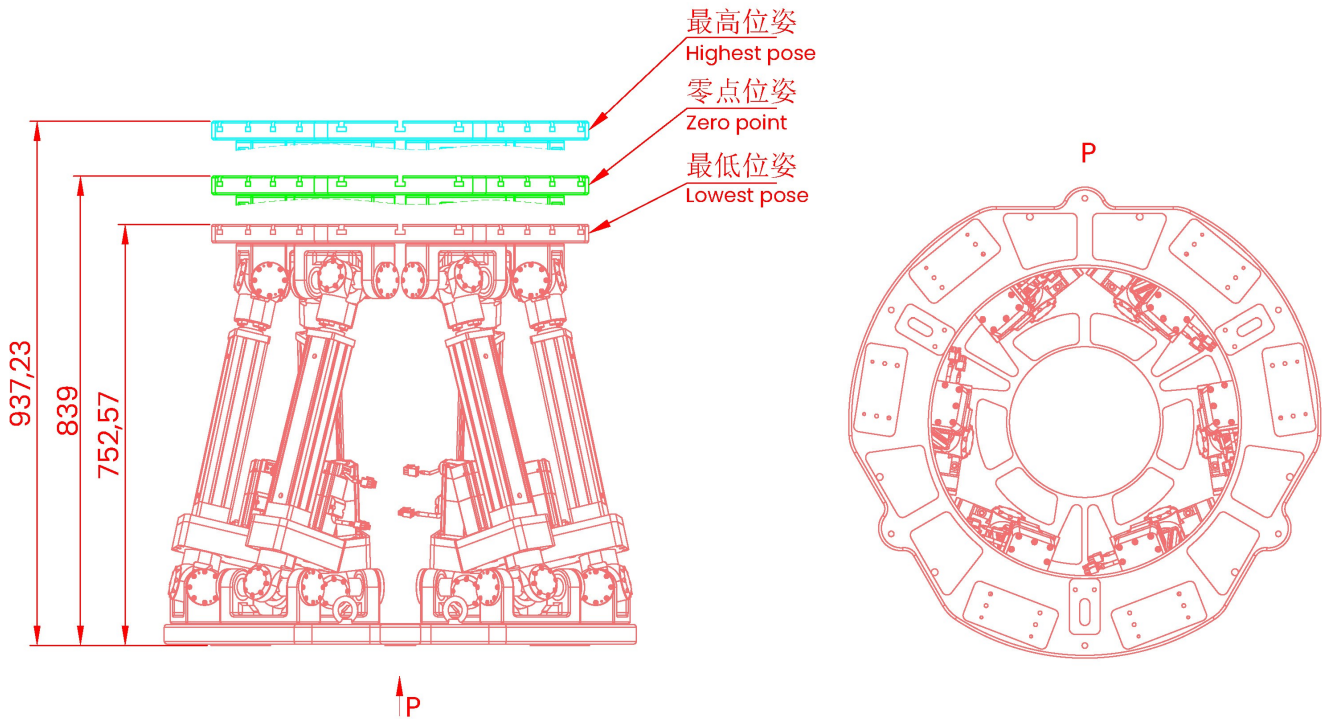
Classic Stewart parallel mechanism, can easily realize 6-DOF movement in three-dimensional space.

- ◆ 非常适于实验室、航空航天等行业的高精度测试作业，主要用于各种物料的装配和动作模拟等

The robot is ideal for high-precision test in laboratory and aerospace. Widely used in assembly, motion simulation of Various materials.

型号 Type		S6-V0-P50
轴数 Axes		6
最大负载 Payload		50kg
机器人本体 Manipulator	重量 Weight	260kg
	最高运动速度 Maximum Speed	250mm/s
重复定位精度 repeatability	位置 Position	0.05mm
	旋转 Rotation	0.02°
各轴运动范围 Range of Axis	X-axis	±100mm
	Y-axis	±100mm
	Z-axis	±75mm
	X-Rot	±20°
	Y-Rot	±20°
	Z-Rot	±20°
输入电源 Power supply	三相 Three-phase 380VAC -10%~+10%, 49~61HZ	
电源容量 Power capacity	10KVA	
额定功率 Rated Power	2.4kw	
保存温度 Storage temperature	-10°C~70°C	
工作环境 Work environment	0°C~50°C, RH≤80%	
防护等级 Protection	IP55	

外形尺寸及运动零点  
Outline dimensions and Zero point (mm)



## S6-V0-P200



高精度  
高稳定性  
低成本

High precision  
High stability  
Low cost

◆ 负载达到200kg,满足追求最高精度和最大负载需求

The maximum load can reach 200kg, meeting your pursuit for the maximum precision and maximum load.

◆ 经典的STEWART并联机构, 轻松实现空间6自由度运动

Classic Stewart parallel mechanism, can easily realize 6-DOF movement in three-dimensional space.

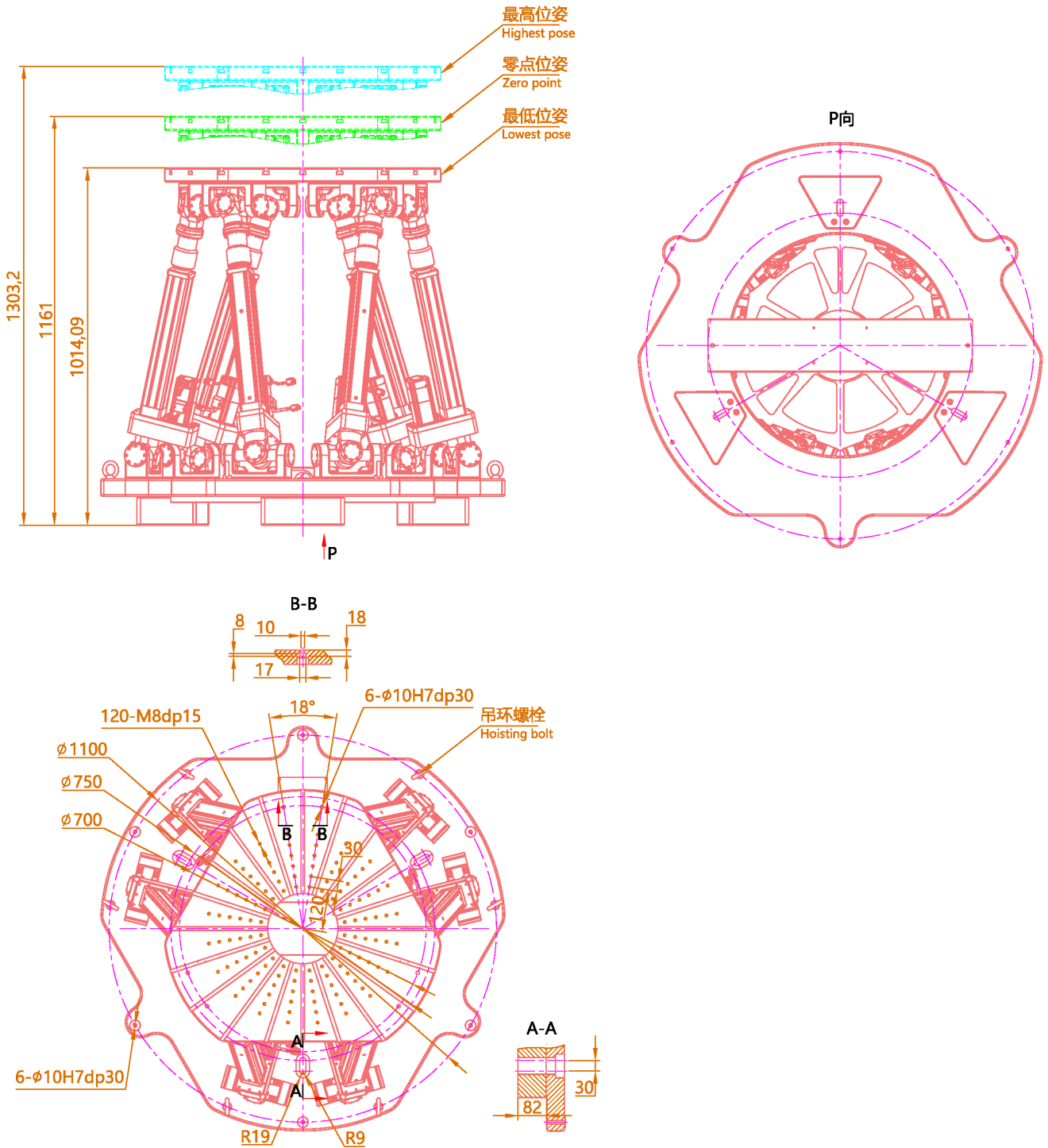
◆ 非常适于实验室、航空航天等行业的高精度测试作业, 主要用于各种物料的装配和动作模拟等

The robot is ideal for high-precision test in laboratory and aerospace. Widely used in assembly, motion simulation of Various materials.

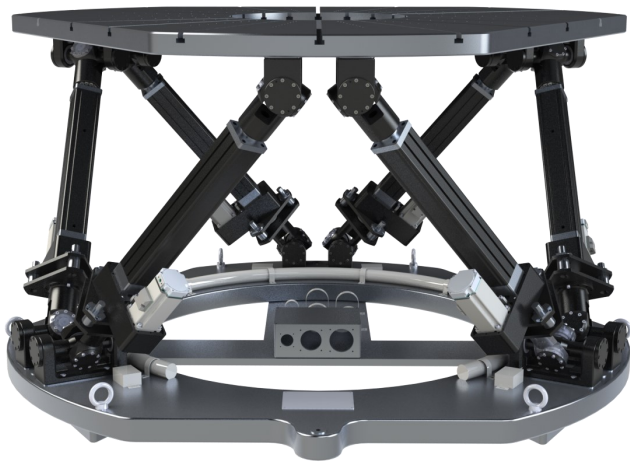
型号 Type		S6-V0-P200
轴数 Axes		6
最大负载 Payload		200kg
机器人本体 Manipulator	重量 Weight	550kg
	最高运动速度 Maximum Speed	300mm/s
重复定位精度 repeatability	位置 Position	0.05mm
	旋转 Rotation	0.02°
各轴运动范围 Range of Axis	X-axis	±100mm
	Y-axis	±100mm
	Z-axis	±75mm
	X-Rot	±15°
	Y-Rot	±15°
	Z-Rot	±15°
输入电源 Power supply	三相 Three-phase 380VAC -10%~+10%, 49~61HZ	
电源容量 Power capacity	10KVA	
额定功率 Rated Power	2.4kw	
保存温度 Storage temperature	-10°C~70°C	
工作环境 Work environment	0°C~50°C, RH≤80%	
防护等级 Protection	IP55	

外形尺寸及运动零点  
Outline dimensions and Zero point (mm)

S6-V0-P200



## S6-V1-P200



高精度  
高稳定性  
低成本

High precision  
High stability  
Low cost

- ◆ 负载达到200kg，且各轴搭载力传感器，满足更多测量或控制的需求

The load reaches 200kg, and each axle is equipped with force sensors to meet the needs of more measurement or control.

- ◆ 经典的STEWART并联机构，轻松实现空间6自由度运动

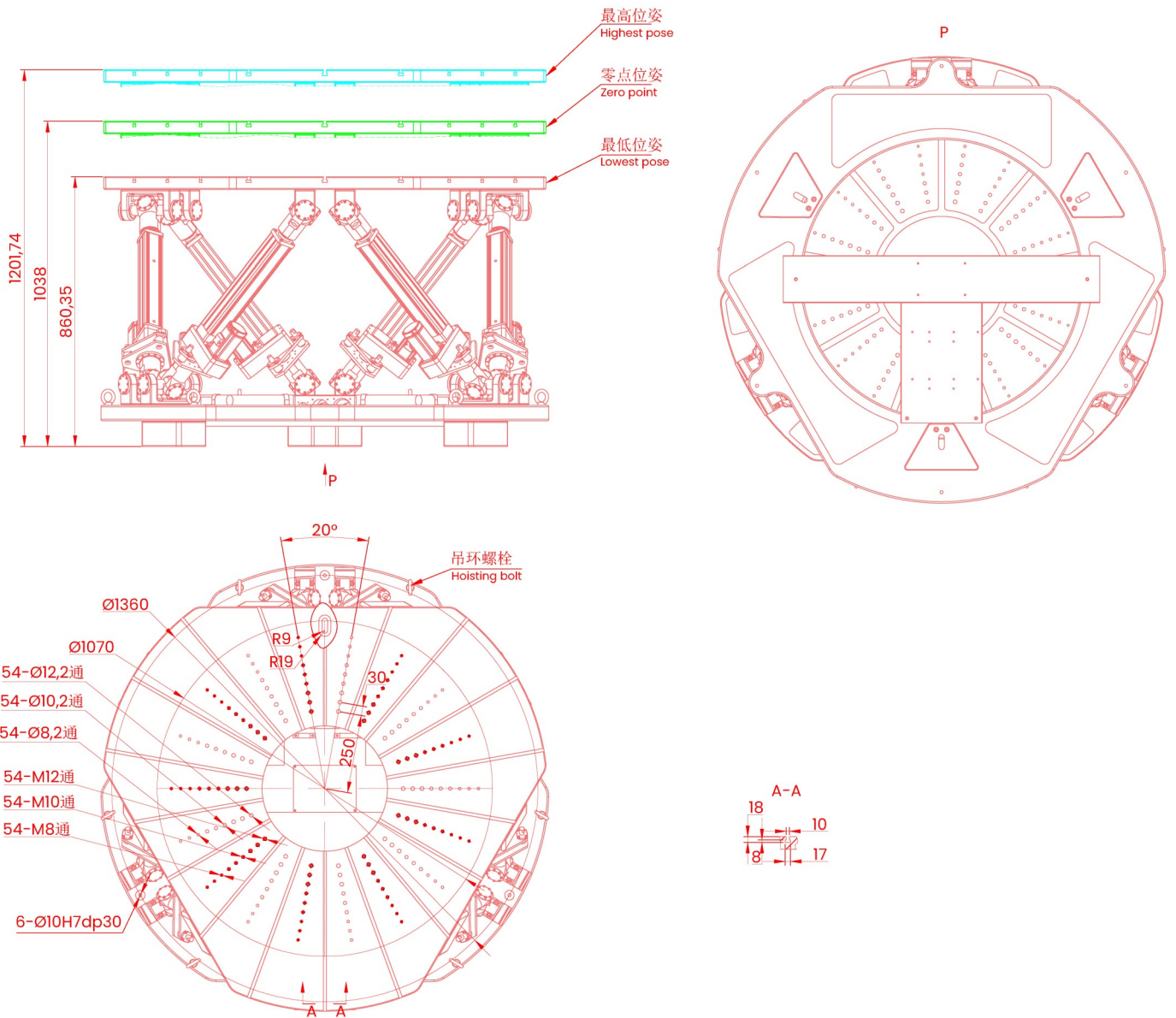
Classic Stewart parallel mechanism, can easily realize 6-DOF movement in three-dimensional space.

- ◆ 非常适于实验室、航空航天等行业的高精度测试作业，主要用于各种物料的装配和动作模拟等

The robot is ideal for high-precision test in laboratory and aerospace. Widely used in assembly, motion simulation of Various materials.

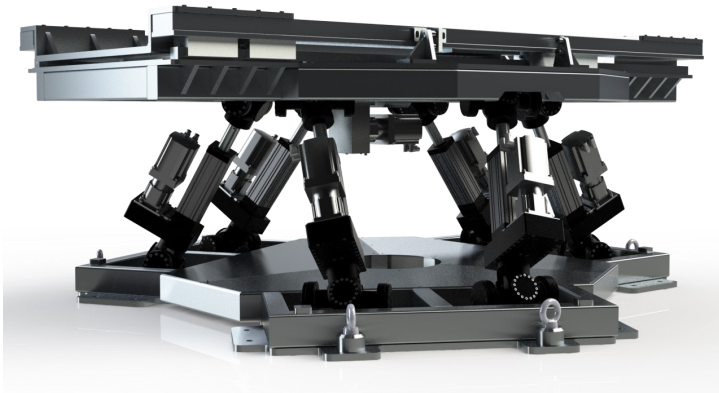
型号 Type		S6-V1-P200
轴数 Axes		6
最大负载 Payload		200kg
机器人本体 Manipulator	重量 Weight	768kg
	最高运动速度 Maximum Speed	300mm/s
重复定位精度 repeatability	位置 Position	0.05mm
	旋转 Rotation	0.02°
各轴运动范围 Range of Axis	X-axis	±150mm
	Y-axis	±150mm
	Z-axis	±100mm
	X-Rot	±20°
	Y-Rot	±20°
	Z-Rot	±20°
输入电源 Power supply	三相 Three-phase 380VAC -10%~+10%, 49~61HZ	
电源容量 Power capacity	10KVA	
额定功率 Rated Power	2.4kw	
保存温度 Storage temperature	-10°C~70°C	
工作环境 Work environment	0°C~50°C, RH≤80%	
防护等级 Protection	IP55	

外形尺寸及运动零点  
Outline dimensions and Zero point (mm)





## S6-V2-P3K



高精度  
高稳定性  
低成本  
大负载

High precision  
High stability  
Low cost  
Large load

◆ 负载达到3000kg,满足追求最高精度和最大负载需求

The maximum load can reach 3000kg, meeting your pursuit for the maximum precision and maximum load.

◆ 经典的STEWART并联机构, 轻松实现空间6自由度运动

Classic Stewart parallel mechanism, can easily realize 6-DOF movement in three-dimensional space.

◆ 非常适于实验室、航空航天等行业的高精度测试作业, 主要用于各种物料的装配和动作模拟等

The robot is ideal for high-precision test in laboratory and aerospace. Widely used in assembly, motion simulation of Various materials.

型号 Type		S6-V2-P3K
轴数 Axes		6
最大负载 Payload		3000kg
机器人本体 Manipulator	重量 Weight	3730kg
	最高运动速度 Maximum Speed	100mm/s
重复定位精度 repeatability	位置 Position	0.1mm
	旋转 Rotation	0.05°
各轴运动范围 Range of Axis	+ X-axis	+700mm
	- X-axis	-100mm
	Y-axis	±100mm
	Z-axis	±100mm
	X-Rot	±10°
	Y-Rot	±10°
	Z-Rot	±10°
输入电源 Power supply	三相 Three-phase 380VAC -10%~+10%, 49~61HZ	
电源容量 Power capacity	40KVA	
额定功率 Rated Power	14kw	
保存温度 Storage temperature	-10°C~70°C	
工作环境 Work environment	0°C~50°C, RH≤80%	
防护等级 Protection	IP55	

外形尺寸及运动零点  
Outline dimensions and Zero point (mm)

