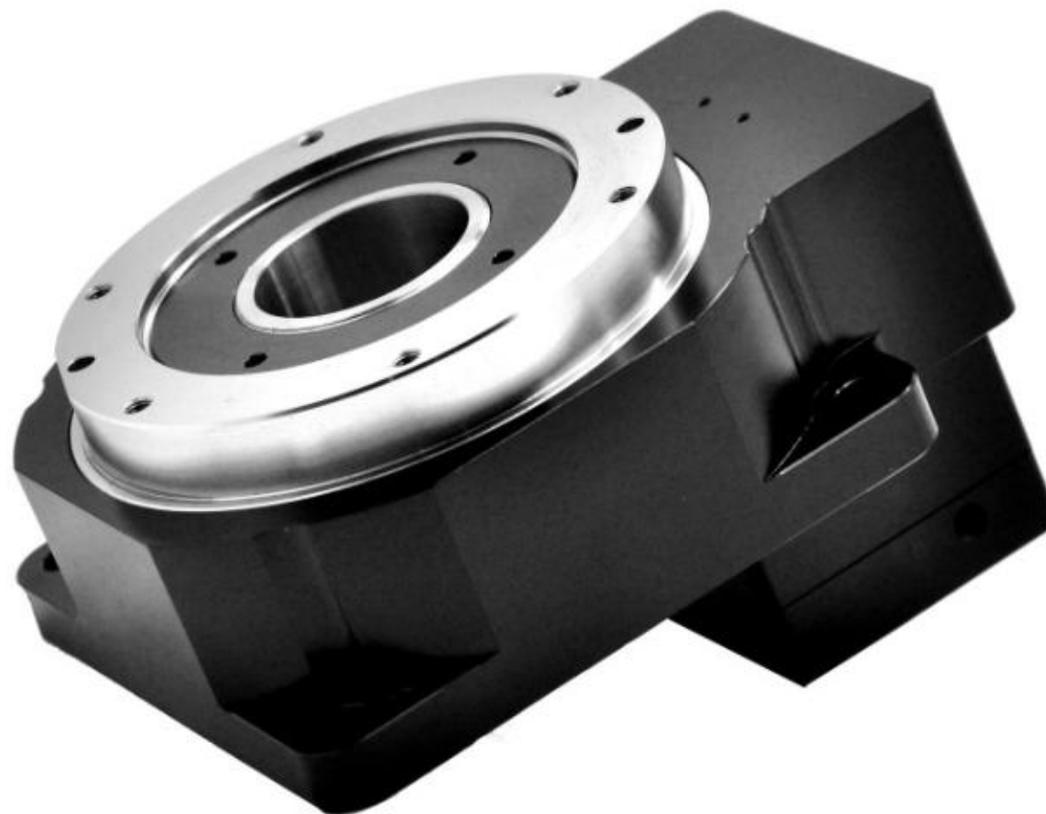


MT 系列中空旋轉平台

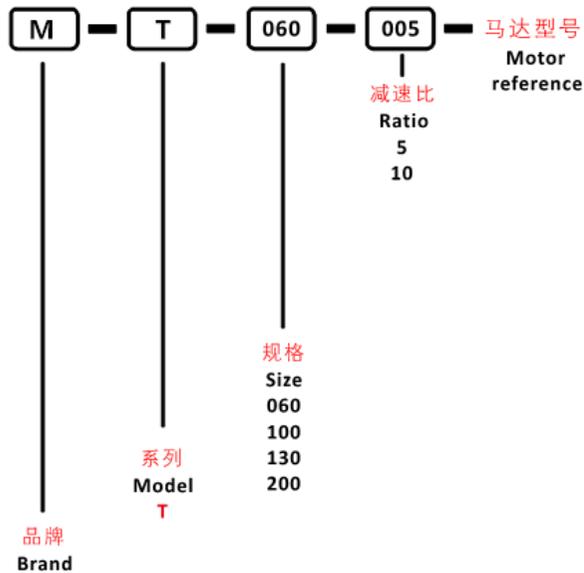


中空旋转平台是一款革命性的新产品，用于多种旋转运动场合，可取代 DD MOTOR 与凸轮分割器。

特点：集高工作效率，高精度，高刚性，高性价比于一身，是旋转运动机构中革命性的产品，既可满足分割器无法达到之数位控制，定位精度又可媲美 DD 马达。

INDICATION FOR MODEL
SELECTION

- 机种型号表示



GENERAL NOTICES

- 订货须知

- 机种、型号、扭矩
- 减速比或出力轴转速
- 工况及连接方式
- 数量及安装的机械名称
- 入力方式和入力转速
- 马达厂牌型号或法兰及马达轴尺寸
- Type, model and torque
- Ratio or output speed
- Working conditions and connection methods
- Quantity and installed machine name
- Input mode and input speed
- Motor brand model or flange and motor shaft size

PERFORMANCE DATA OF

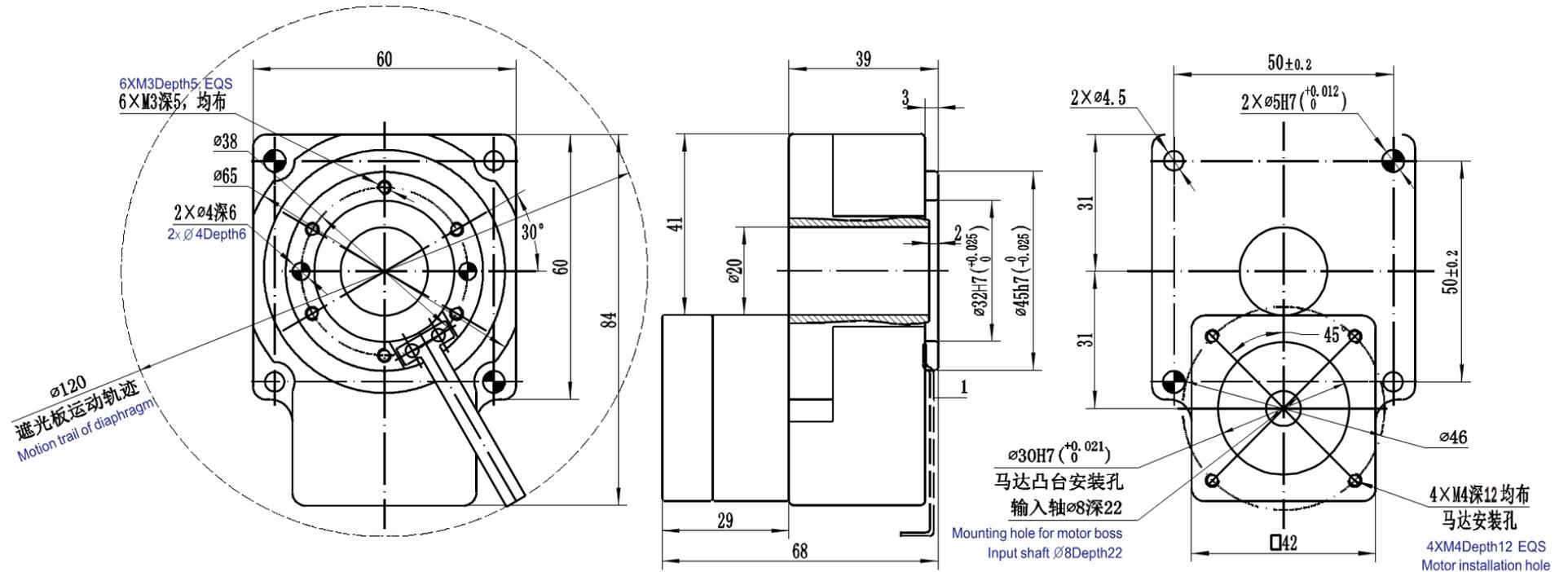
TABLE

● 中空旋转平台性能表 /Rotating platform performance

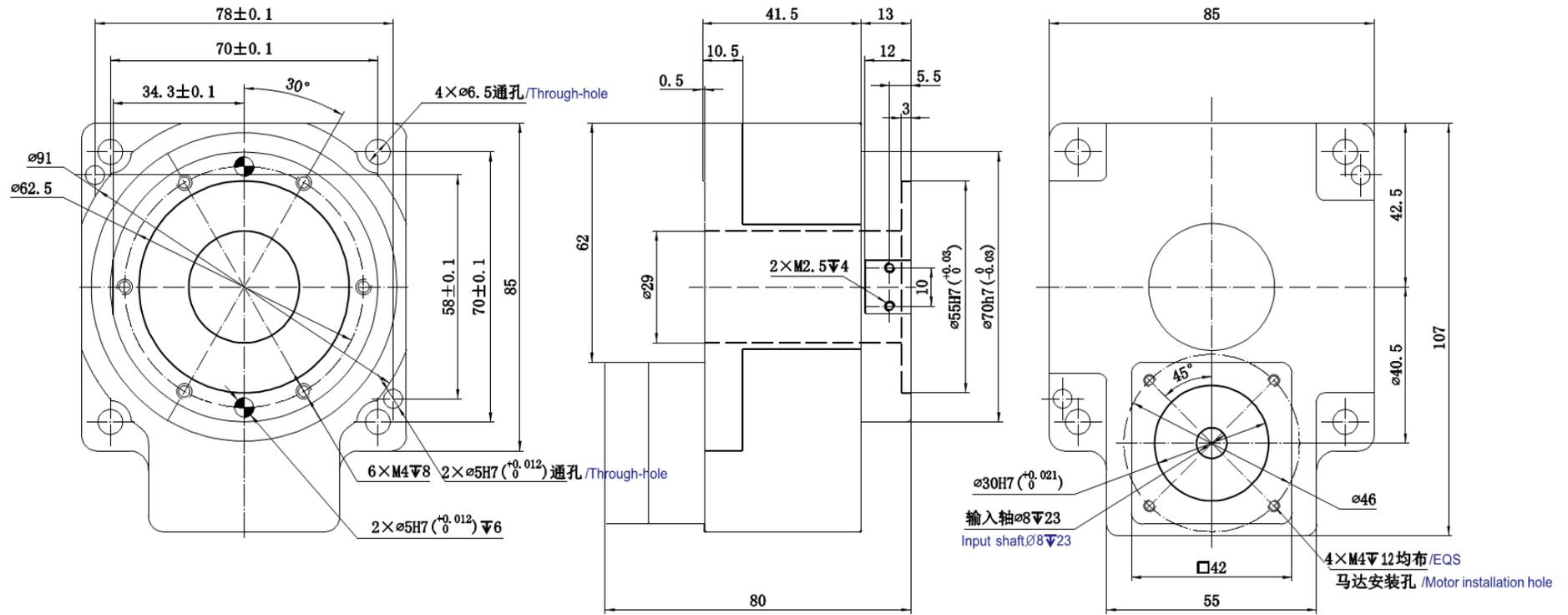
品名 Item No.	MT060	MT100	MT130	MT200
搭载马达型号 Servo motor type	42型步进马达 50w~100w伺服电机 42 step motor 50W-100W servo motor		57型步进马达 200W~400W伺服电机 57 step motor 200W-400W servo motor	86型步进马达 750W伺服电机 86 step motor 750W servo motor
支撑旋转平台轴承 Supporting rotary platform bearing	深沟滚珠轴承 Deep groove ball bearing		深沟滚珠轴承+圆锥滚子轴承 Deep groove ball bearing + Tapered roller bearing	
减速比 Ratio	5:1	10:1	10:1	10:1
转动惯量 Inertia moment	$2330 \times 10^{-7} \text{ kg} \cdot \text{m}^2$	$3898 \times 10^{-6} \text{ kg} \cdot \text{m}^2$	$9216 \times 10^{-6} \text{ kg} \cdot \text{m}^2$	$85792 \times 10^{-6} \text{ kg} \cdot \text{m}^2$
允许输出转矩 Allowable output torque	5N.m	25N.m	45N.m	80N.m
额定输出转速 Rated output speed	200r/min			
角度传动精度 Angle transmission precision	3arcmin			
反复定位精度 Reset positioning precision	$\pm 15 \text{ arcsec}$			
齿隙 Backlash	无齿隙 (可调节结构) No backlash (Adjustable structure)			
允许轴向负载 Allowable axial load	100N	300N	400N	800N
允许惯性力矩 Allowable moment of inertia	10N.m	20N.m	50N.m	100N.m
旋转平台平行度 Parallelism of rotating platform	<0.015	<0.02		<0.04
旋转平台同心度 Concentricity of rotating platform	<0.015		<0.02	
噪音 Noise	65dB		67dB	
防护等级 Protection level	IP40			
重量 Weight	0.6kg	1.2kg	2.8kg	9.6kg

机械尺寸 Dimensions

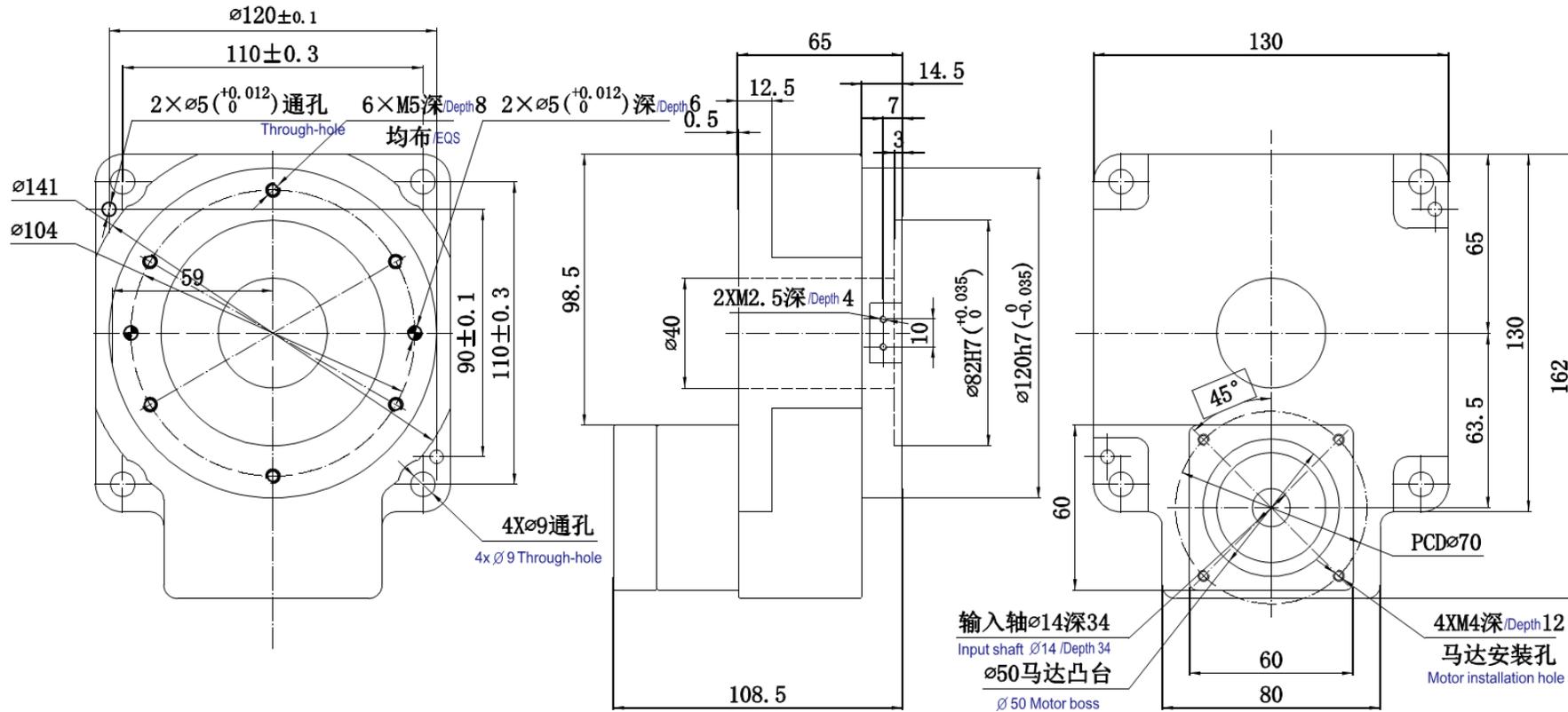
MT060 系列:



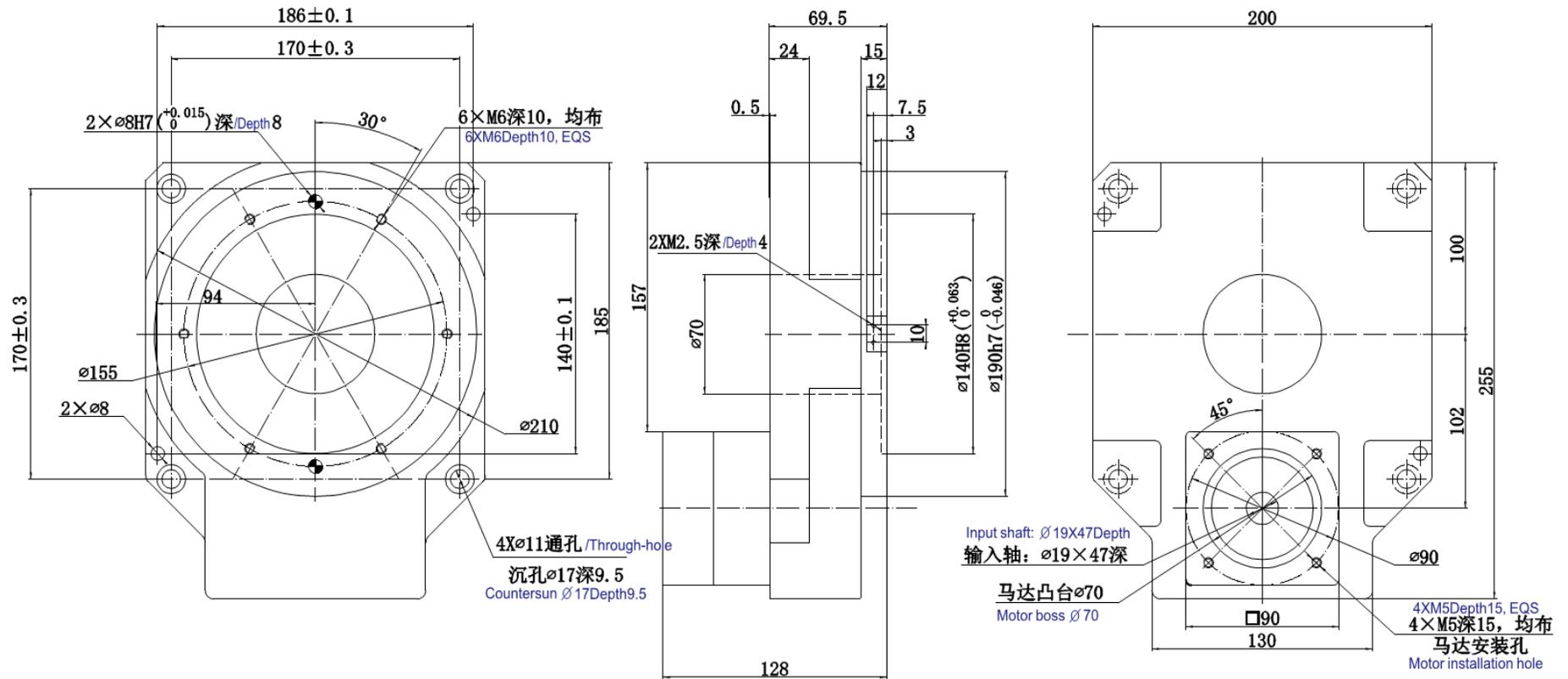
MT100 系列:



MT130 系列:



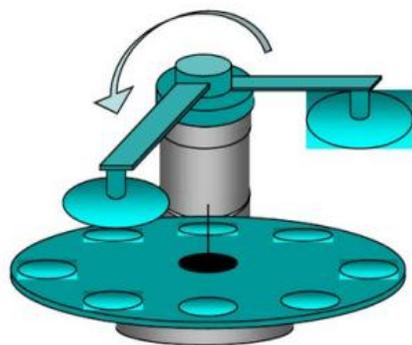
MT200 系列:



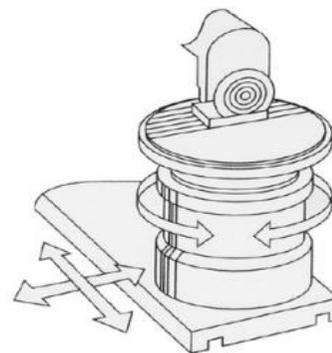
应用领域 Application Area



机器人



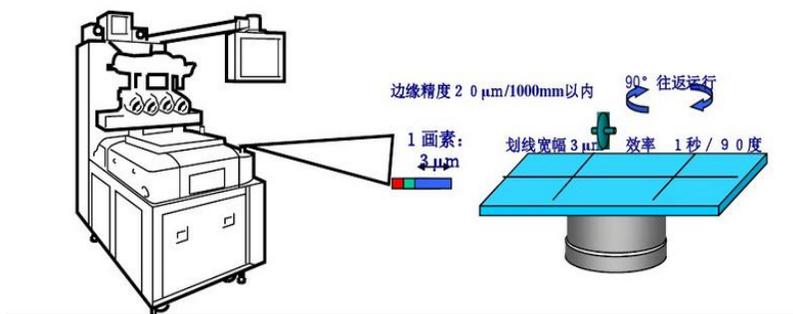
搬运设备



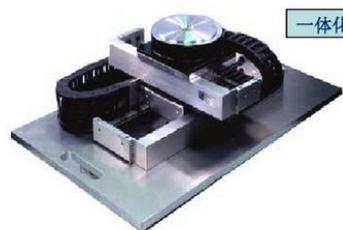
半导体晶圆划片



加工中心的自动换刀装置



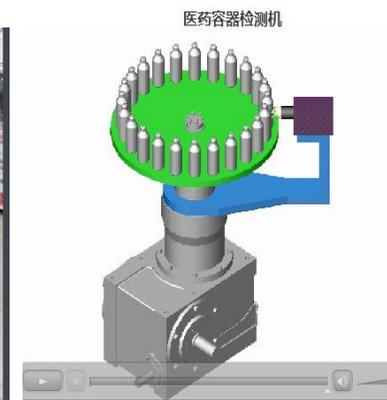
LCD 划线机 覆膜机



激光晶圆切割



滚筒洗衣机



医疗机械