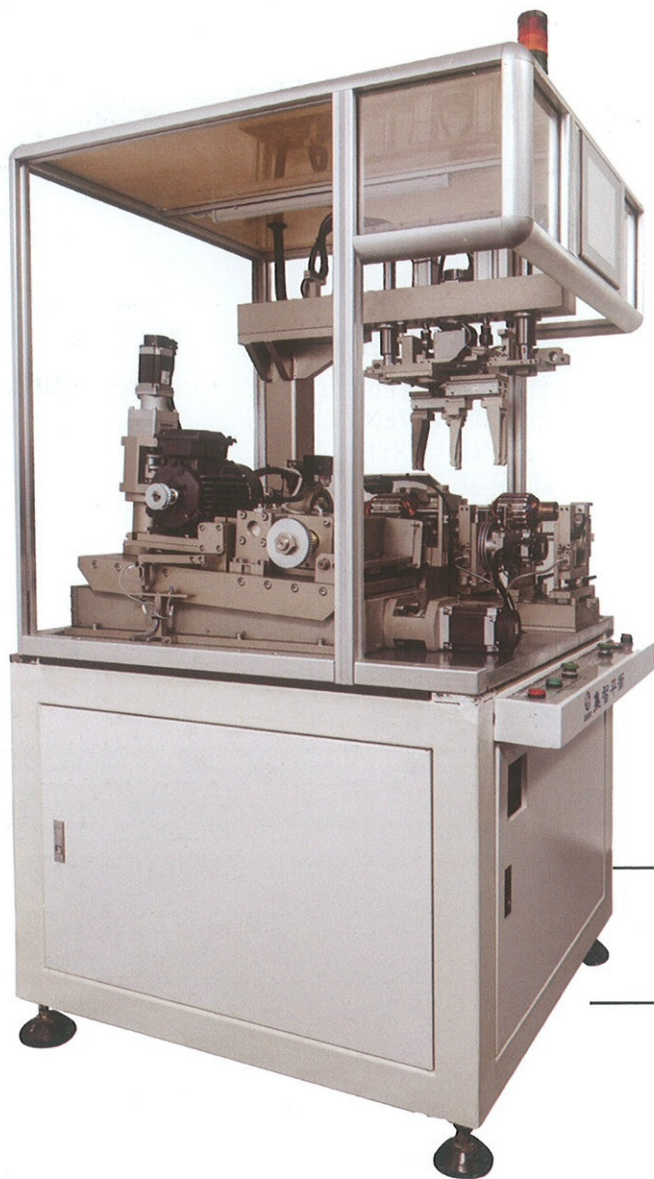


Technical data of Two-station Automatic balancing correction machine

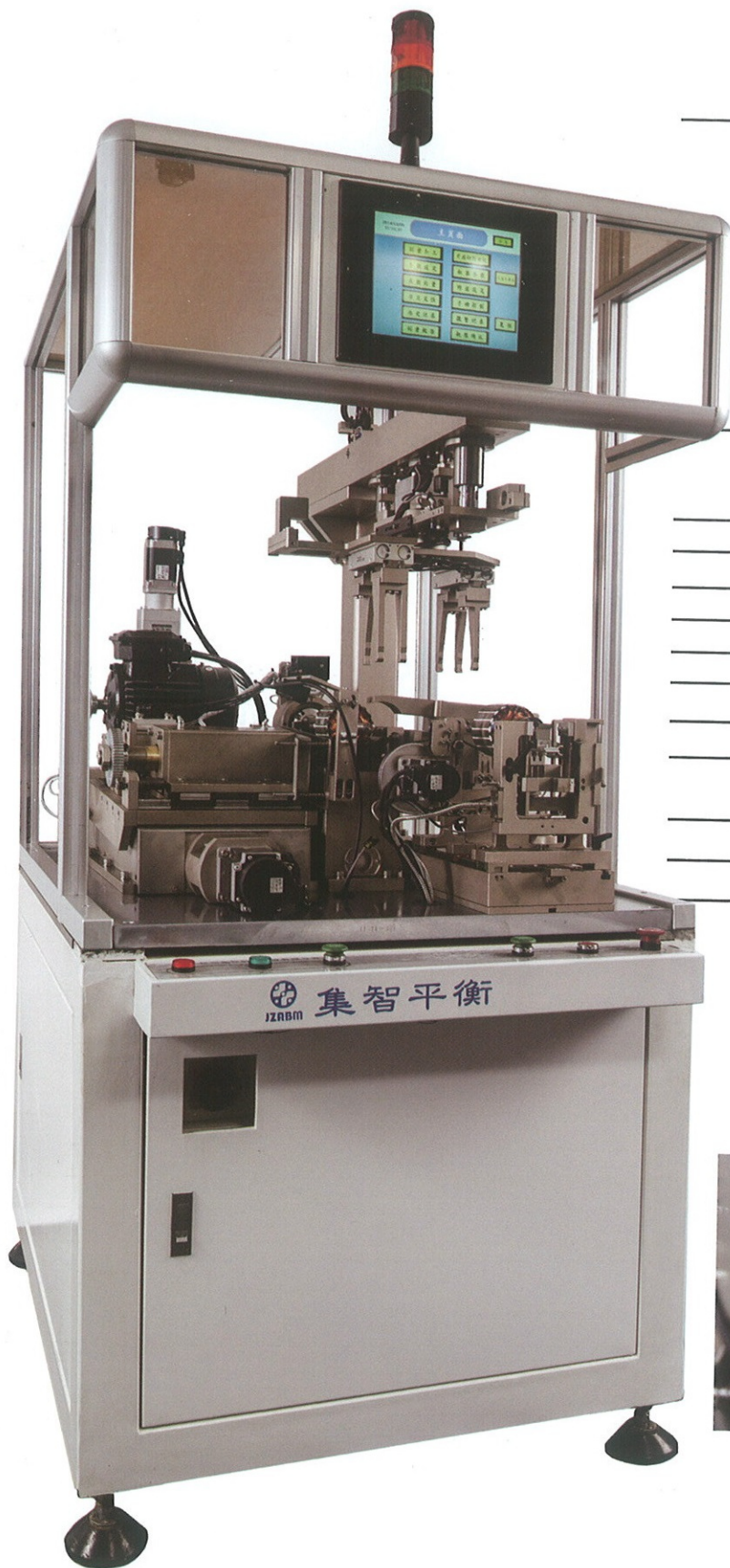
Type	BDXDR-2W Ⅱ / Ⅲ -A BDXSR-2W Ⅱ / Ⅲ -A BDXDV-2W Ⅱ / Ⅲ -A/C BDXSV-2W Ⅱ / Ⅲ -A
Main components	Cylinder: SMC Servo motor: Mitsubishi Sensor: KEYENCE、OMRON、CONTRINEX Touchscreen: KEYENCE Control PLC: KEYENCE Stepping motor: Oriental Motor
Rotor range	Max.rotor weight: 1.6kg Stack length:20~60mm Rotor diameter:Φ25~40mm(type Ⅱ) Rotor diameter:Φ40~59mm(type Ⅲ)
Measuring speed	1000~2200rpm
Balance correction method	R-shape or V-shape
Power	3-phaseAC380V
Working air pressure	0.4~0.6 Mpa
Cycle time	12~15S (type Ⅱ testing & process) 18~20S (type Ⅲ testing & process)
Retest precision	3mg
Residual volume	G 6.3
Volume (legth X width X height)	1700 X 850 X 1550 mm
Machine quality	1t
Consumption	1.5kw
Cleaner consumption	1.5kw



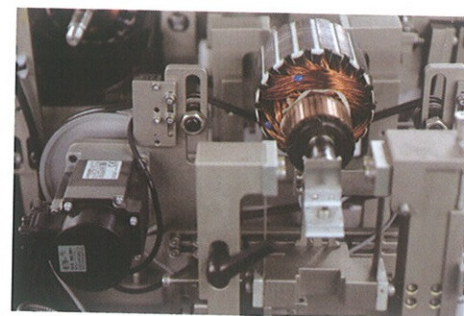
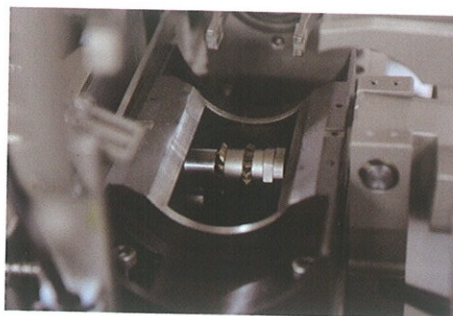
Technical data of Two-station IV Automatic balancing correction machine

Type	BDXDR-2WIV-A BDXSR-2WIV-A BDXDV-2WIV-A BDXSV-2WIV-A
Main components	Cylinder: SMC Actuating motor: MITSUBISHI Sensor: KEYENCE、OMRON、CONTRINEX Touchscreen: KEYENCE Control PLC: KEYENCE Stepping motor: ORIENTAL MOTOR
Rotor range	Max. rotor weight 3kg Stack length:30~100mm Rotor diameter:Φ60~90mm
Measuring speed	1000~2200rpm
Balance correction method	R-shape or V-shape
Power	3-phaseAC380V
Working air pressure	0.4~0.6 Mpa
Cycle time	15~20S
Retest precision	3mg
Residual volume	G6.3
Volume (legth X width X height)	1150 X 900 X 1820 mm
Machine quality	1.5t
Consumption	1.5kw
Cleaner consumption	1.5kw

两工位IV型全自动平衡修正机技术参数



型号	BDXDR-2WIV-A BDXSR-2WIV-A BDXDV-2WIV-A BDXSV-2WIV-A
设备主要部件配置	气缸：SMC 伺服电机：MITSUBISHI 传感器：KEYENCE、OMRON、CONTRINEX 触摸屏：KEYENCE 控制PLC：KEYENCE 步进电机：ORIENTAL MOTOR
适用转子范围	最大转子重量：3kg 钢片叠厚：30~100mm 转子直径：Φ60~90mm
平衡转速	1000~2200转/分钟
平衡修正方法	R型铣/V型铣
电源	三相AC380V
气源	0.4~0.6Mpa
工作节拍	15~20S
重复测试精度	3mg
残余量	G6.3
体积 长X宽X高	1150X900X1820mm
机器重量	1.5t
机器功耗	1.5kw
吸尘器功耗	1.5kw



半自动平衡修正机技术参数



型号	MBXST-2W MBXSV-2W
设备主要部件配置	气缸：SMC 伺服电机：MITSUBISHI 传感器：KEYENCE、OMRON、CONTRINEX 触摸屏：KEYENCE 控制PLC：KEYENCE 步进电机：ORIENTAL MOTOR
适用转子范围	AC/DC 3, 5, 7系转子 钢片叠厚：20~60mm 转子直径：Φ15~75mm
平衡转速	1000~2200转/分钟
平衡校正方法	T型铣削/V型铣削
电源	三相AC380V
气源	0.4~0.6Mpa
工作节拍	15~18秒
重复测试精度	3mg
残余量	G6.3
体积 长X宽X高	1000X900X1700mm
机器重量	1.5t
功耗	1.7kw
吸尘器功耗	1.5kw

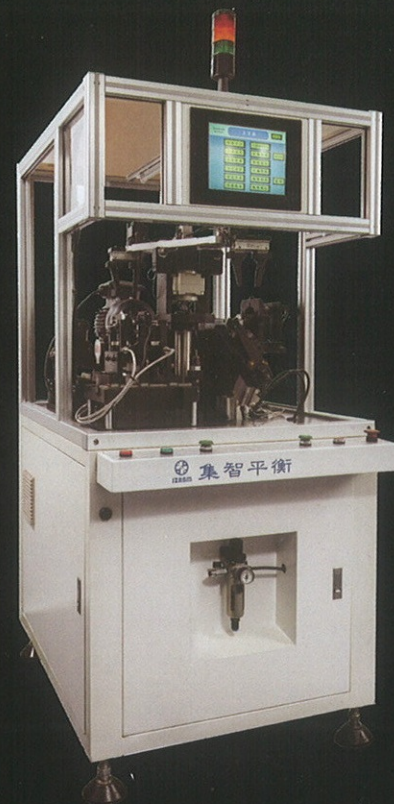
Technical data of Two-station Semi-automatic Auto-balancing machine

Type	MBXST-2W MBXSV-2W
Main components	Cylinder: SMC Servo motor: MITSUBISHI Sensor: KEYENCE、OMRON、CONTRINEX Touchscreen: KEYENCE Control PLC: KEYENCE Stepping motor: ORIENTAL MOTOR
Rotor range	AC/DC mini armature especially 3,5,7 serial armature Stack length: 20~60mm Armature diameter: Φ 15~75 mm
Measuring speed	1000~2200rpm
Balance correction method	T-shape or V-shape
Power	3-phaseAC380V
Working air pressure	0.4~0.6 Mpa
Cycle time	15~18S
Reset precision	3mg
Residual unbalance eccentricity	G6.3
Volume (legth X width X height)	1000 X 900 X 1700 mm
Machine quality	1.5t
Consumption	1.7kw
Cleaner consumption	1.5kw

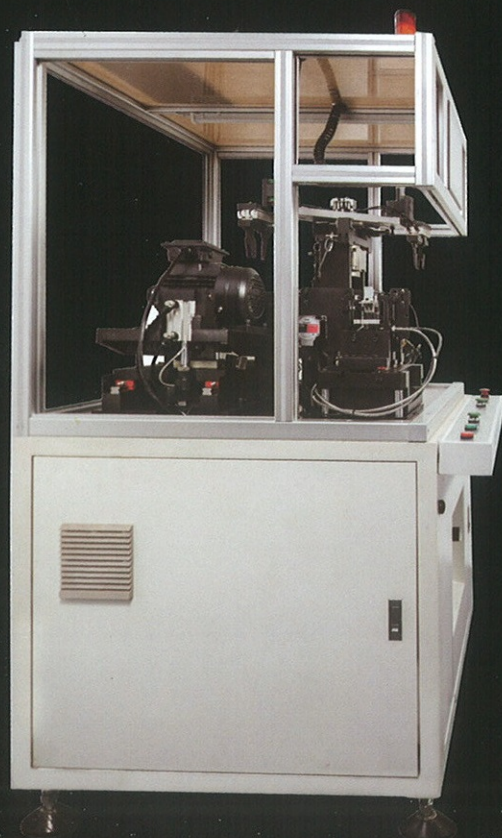


两工位SMART全自动平衡修正机技术参数

型号	BSXST-2W I -A BSXSV-2W I -A
设备主要部件配置	气缸：SMC 伺服电机：MITSUBISHI 传感器：KEYENCE、OMRON、CONTRINEX 触摸屏：KEYENCE 控制PLC：KEYENCE 步进电机：ORIENTAL MOTOR
适用转子范围	AC/DC 3, 5, 7系转子 钢片叠厚：20~60mm 转子直径：Φ15~37mm
平衡转速	1000-2200转/分钟
平衡校正方法	T型铣削 V型铣削
电源	三相AC380V
气源	0.4~0.6Mpa
重复测量精度	3mg
残余量	G6.3
工作节拍	12~15秒
体积 长X宽X高	1000X900X1700mm
机器重量	1.5t
功耗	1.7kw
吸尘器功耗	1.5kw



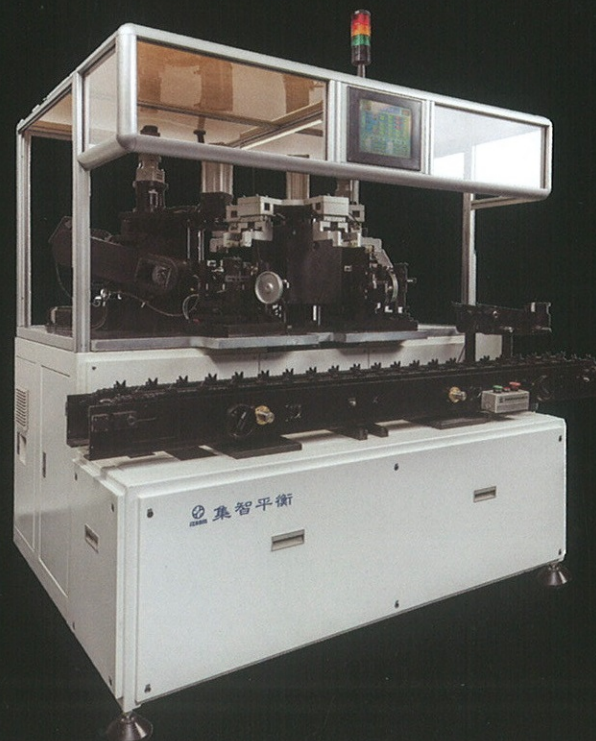
Technical data of Two-station SMART Automatic balancing correction machine



Type	BSXST-2W I -A BSXSV-2W I -A
Main components	Cylinder: SMC Servo motor: MITSUBISHI Sensor: KEYENCE、OMRON、CONTRINEX Touchscreen: KEYENCE Control PLC: KEYENCE Stepping motor: ORIENTAL MOTOR
Rotor range	AC/DC mini armature especially 3,5,7 serial armature Stack length:20~60mm Armature diameter: Φ15~37mm(type II)
Measuring speed	1000~2200rpm
Balancing correction method	T-shape or V-shape
Power	3-phaseAC380V
Working air pressure	0.4~0.6 Mpa
Repeat precision	3mg
Residual volume	G6.3
Cycle time	12~15S
Volume (legth X width X height)	1000 X 900 X 1700 mm
Machine quality	1.5t
Consumption	1.7kw
Cleaner consumption	1.5kw

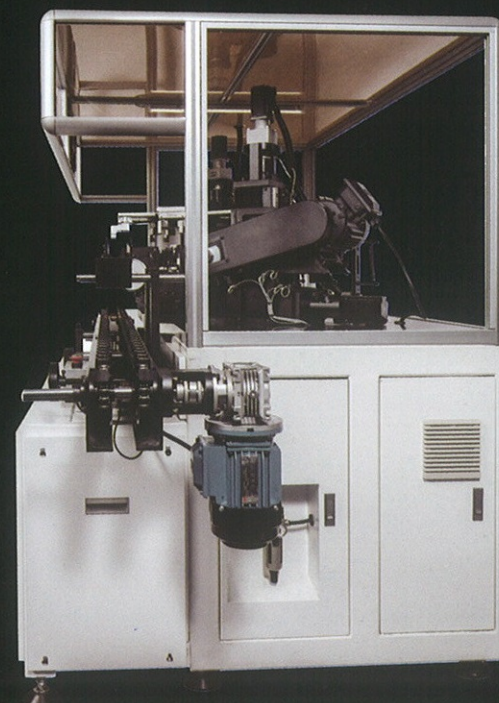
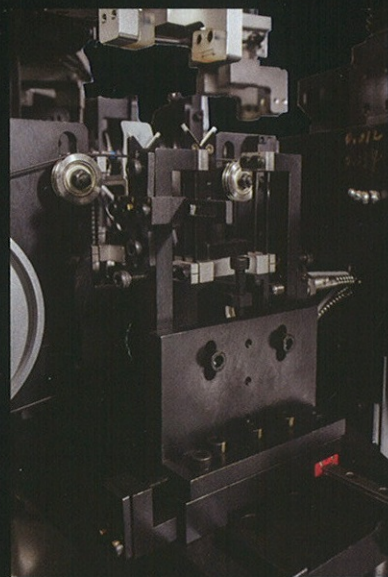
Technical data of Five-station Automatic balancing correction machine

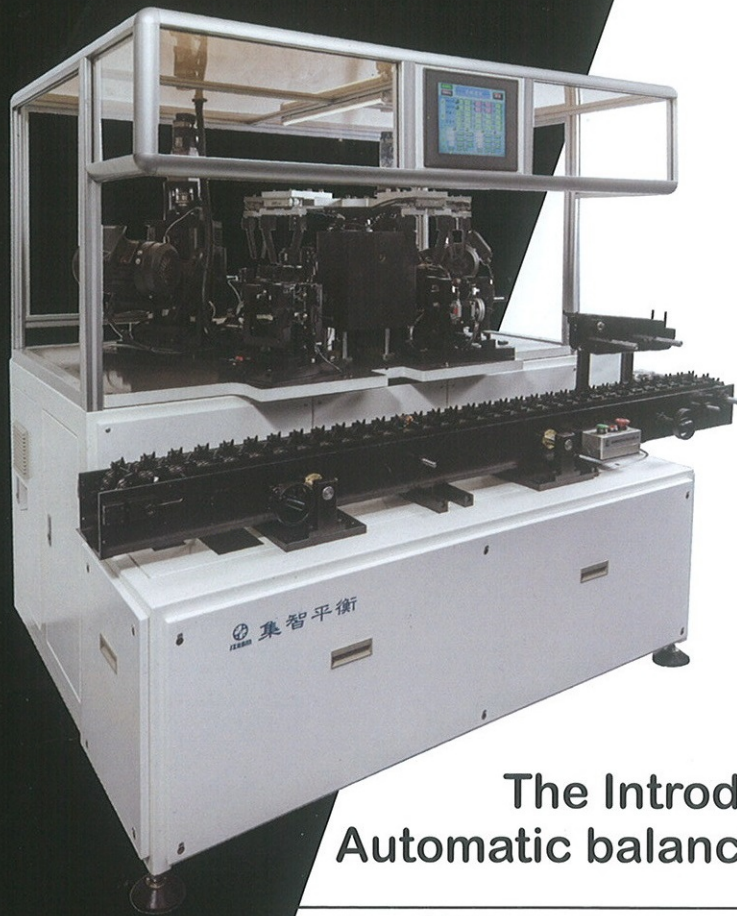
Type	BDXSR-5L Ⅱ A/Ⅲ B BDXSV-5L Ⅱ A/Ⅲ B XXSV-5BL- Ⅱ /Ⅲ
Main components	Cylinder: SMC Servo motor: MITSUBISHI Sensor: KEYENCE, OMRON、CONTRINEX Touchscreen: KEYENCE Control PLC: KEYENCE Stepping motor: ORIENTAL MOTOR
Rotor range	Stack length:20~70mm Rotor diameter:Φ25~45mm(type Ⅱ) Rotor diameter:Φ40~60mm(type Ⅲ)
Measuring speed	1000~2200rpm
Balance correction method	R-shape or V-shape
Power	3-phaseAC380V
Working air pressure	0.4~0.6 Mpa
Cycle time	8~10S (primary survey, process on both side, repetition inspecting)
Retest precision	3mg
Residual volume	G6.3
Volume (legth X width X height)	1800 X 1300 X 2200 mm
Machine quality	2t
Consumption	4.5kw
Cleaner consumption	1.5kw



The Introduction of Five-station I Type Automatic balancing machine for DC motor Armature

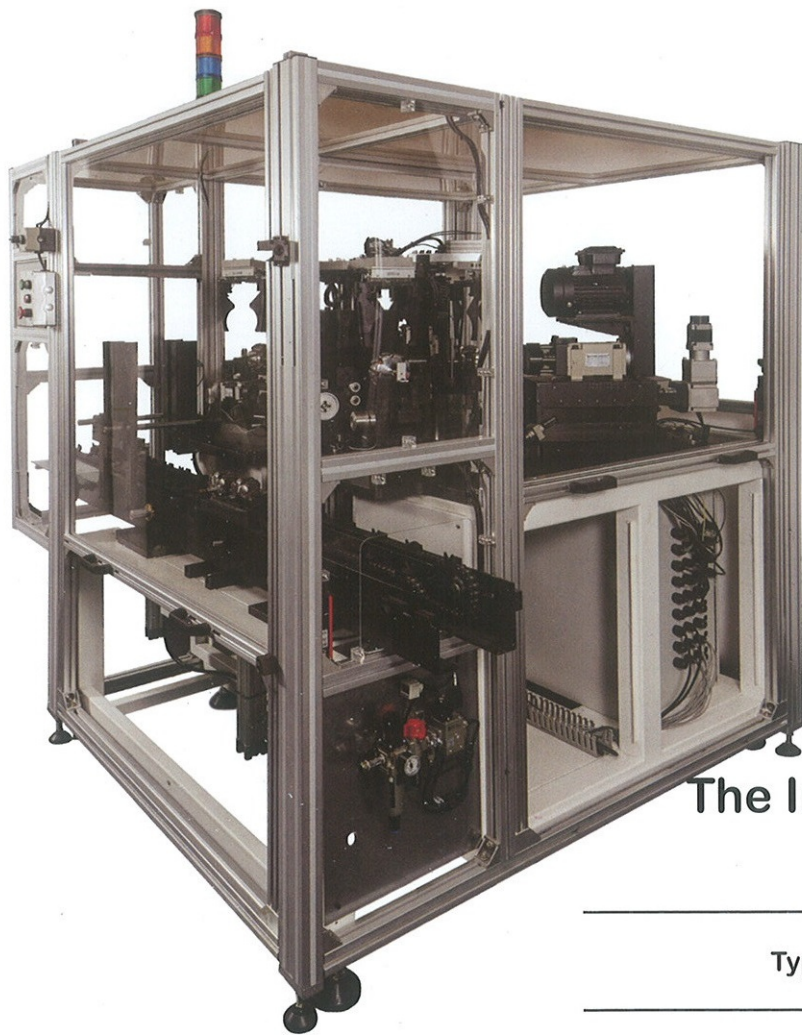
Type	BDXST-5L I -B BDXST-5D I -C BDXSV-5L I -A BDXSV-5D I -E
Main components	Cylinder: SMC Servo motor: MITSUBISHI Sensor: KEYENCE、OMRON、CONTRINEX Touchscreen: KEYENCE Control PLC: KEYENCE Stepping motor: ORIENTAL MOTOR
Rotor range	Stack length: 15~30mm Armature diameter: Φ 17~32mm
Measuring speed	1000~2200rpm
Balance correction method	T-shape or V-shape
Power	3-phaseAC380V
Working air pressure	0.4~0.6 Mpa
Cycle time	5~6S (primary survey, process on both side, repetition inspecting)
Retest precision	3mg
Residual volume	G6.3
Volume (legth X width X height)	1800 X 1300 X 2200 mm
Machine quality	1.8t
Consumption	4.5kw
Cleaner consumption	1.5kw





The Introduction of Five-station P Type Automatic balancing machine for DC motor Armature

Type	BDXSP-5L I -B
Main components	Cylinder: SMC Servo motor: MITSUBISHI Sensor: KEYENCE、OMRON、CONTRINEX Touchscreen: KEYENCE Control PLC: KEYENCE Stepping motor: ORIENTAL MOTOR
Rotor range	Stack length: 10~30mm Armature diameter: Φ 15~40mm
Measuring speed	1000~2200rpm
Balance correction method	P-shape
Power	3-phaseAC380V
Working air pressure	0.4~0.6 Mpa
Cycle time	10~12S (primary survey, process on both side, repetition inspecting)
Retest precision	3mg
Residual volume	G6.3
Volume (legth X width X height)	1800 X 1300 X 2200 mm
Machine quality	2t
Consumption	4.5kw
Cleaner consumption	1.5kw



The Introduction of Five-station Generator Auto-balancing machine

Type	BFZSZ-5L-A BFZSZ-5L-B BFZSZ-5L-C
Main components	Cylinder: SMC Servo motor: MITSUBISHI Sensor: KEYENCE、OMRON、CONTRINEX Touchscreen: KEYENCE Control PLC: KEYENCE Stepping motor: ORIENTAL MOTOR
Rotor range	Stack length: 30~100mm Armature diameter: Φ 80~115mm
Measuring speed	1380~2200rpm
Balance correction method	Drilling
Power	3-phaseAC380V
Working air pressure	0.4~0.6 Mpa
Retest precision	1gmm
Cycle time	15~30S
Residual volume	G6.3
Volume (legth X width X height)	1800 X 1700 X 1450 mm
Machine quality	2t
Consumption	3.5kw
Cleaner consumption	1.5kw

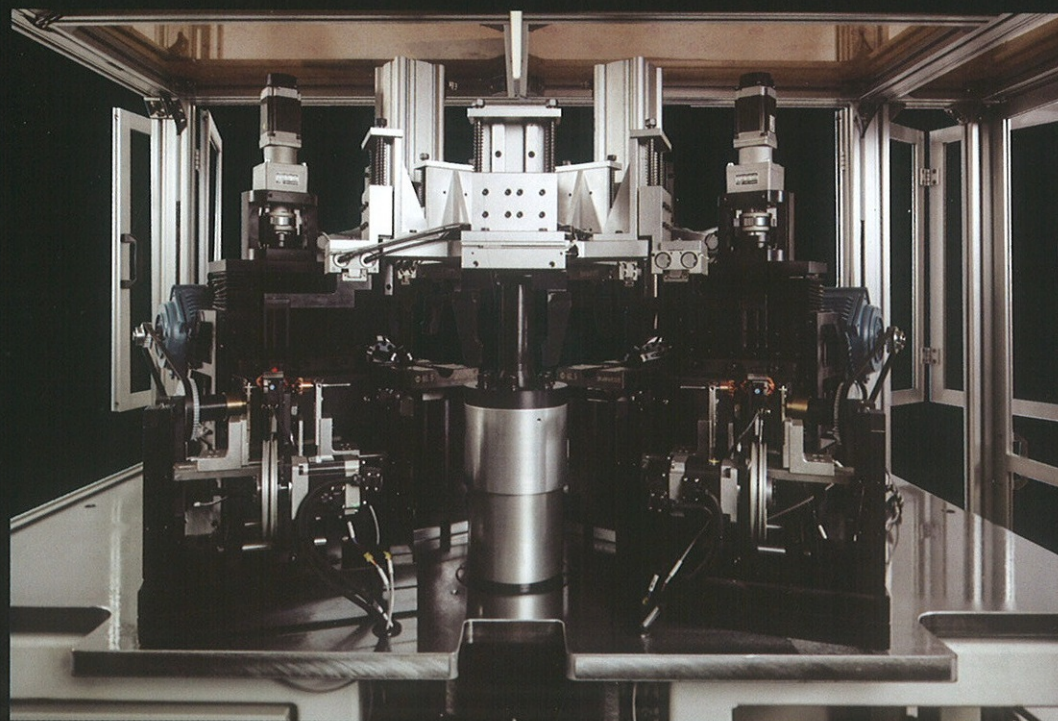
Technical data of Vertical balancing machine

Type	BPZDZ-1W-A BPXDZ-1W-A BYXDR-1W-A
Main components	Cylinder: SMC Servo motor: MITSUBISHI Sensor: KEYENCE、OMRON、CONTRINEX Touchscreen: KEYENCE Control PLC: KEYENCE
Rotor range	Max. rotor weight:30kg Max. rotor diameter:Φ500mm
Measuring speed	400~900rpm
Balance correction method	Drilling/Milling
Power	3-phaseAC380V
Working air pressure	0.4~0.6 Mpa
Smallest achievable residual unbalance	1gmm/kg
Cycle time	30~60S
Residual volume	G6.3
Volume (legth X width X height)	1300 X 1000X 1300 mm
Machine quality	2t
Consumption	5.5kw
Cleaner consumption	1.5kw



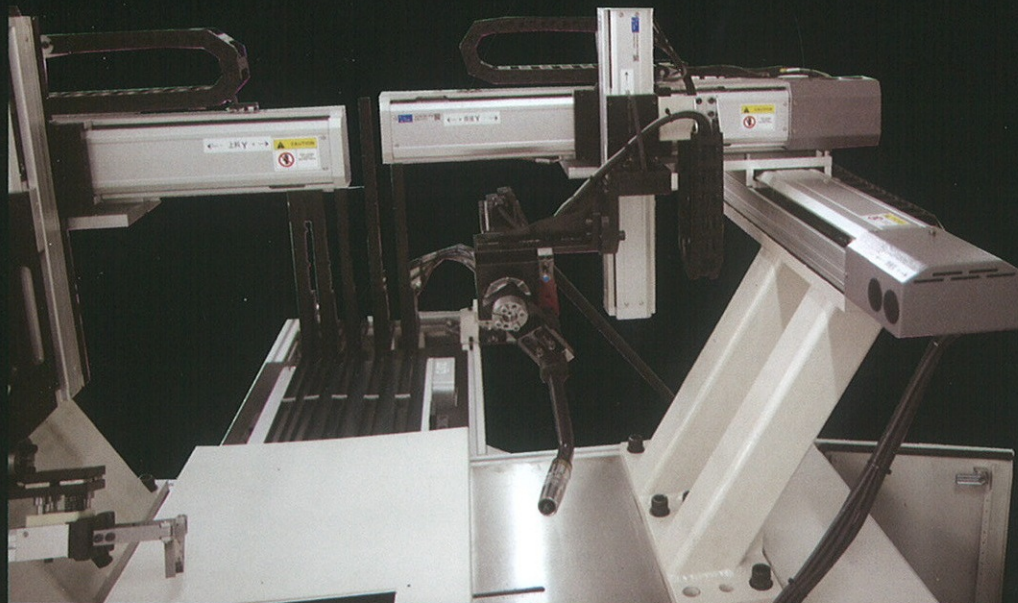
Technical data of Five-station (CE) Automatic balancing correction machine

Type	BDXSR-5BⅢ-B BDXSV-5BⅢ-B
Main components	Cylinder: SMC Servo motor: MITSUBISHI Sensor: KEYENCE、OMRON、CONTRINEX Touchscreen: KEYENCE Control PLC: KEYENCE Stepping motor: ORIENTAL MOTOR
Rotor range	Slack length: 20~70mm Rotor diameter: Φ 40~70mm
Measuring speed	1500~2200rpm
Balance correction method	R-shape or V-shape
Power	3-phase AC 380V
Working air pressure	0.4~0.6 Mpa
Retest precision	3mg
Cycle time	7~10S (primary survey, process on both side, repetition inspecting)
Residual volume	G6.3
Volume (length X width X height)	2000 X 1700 X 1800 mm
Machine quality	2t
Consumption	6kw
Cleaner consumption	1.5kw



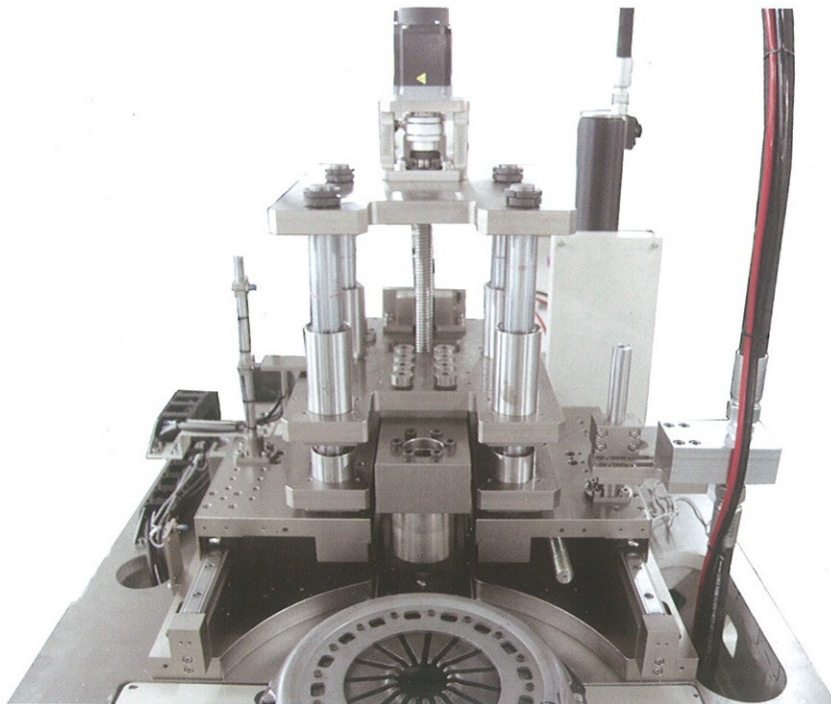
Technical data of automatic welding machine

Main components	Cylinder : SMC
	Control PLC : KEYENCE
	Servo motor : YASKAWA
	Sensor : KEYENCE, OMRON, CONTRINEX
	Touchscreen : KEYENCE
Rotor range	Rotor quality within 50KG Armature diameter $\Phi 250\sim 500\text{mm}$
Measuring speed	600r/min
Power	AC380V
Working air pressure	0.4~0.6Mpa
Cycle time	$\leq 38\text{ S}$ (Primary survey、welding two block balance)
Balance correction method	Adding balance block welding Control the location, type and quantity of the balance block
Smallest achievable residual unbalance	1gmm/kg
Volume legth X width X height	1700 X 2000 X 2000 mm
Machine quality	2000kg



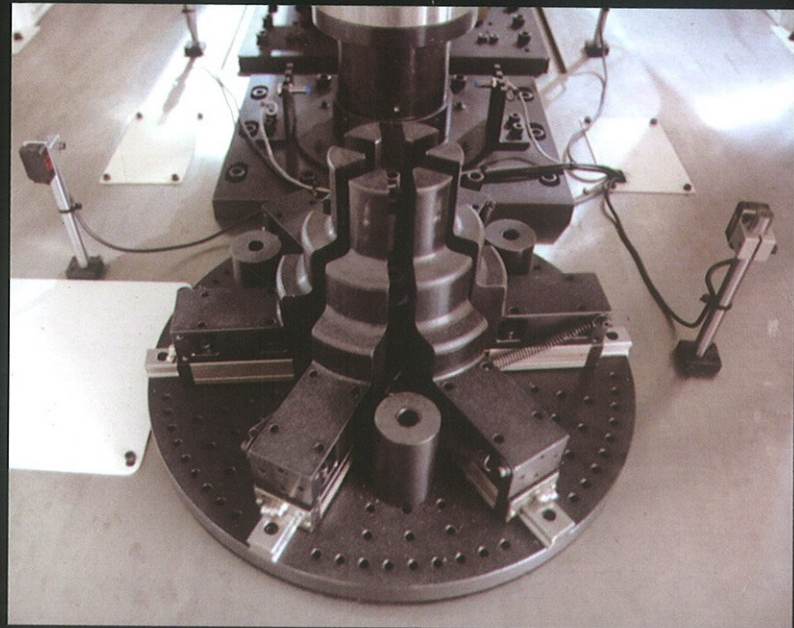
Technical data of Pressure riveting machine

Main components	Cylinder : SMC
	Pneumohydraulic Drives : TOX
	Control PLC : KEYENCE
	Servo motor : MITSUBISHI
	Sensor : KEYENCE, OMRON, CONTRINEX
	Touchscreen : KEYENCE
Rotor range	Rotor quality within 30KG Armature diameter $\Phi 200 \sim 500\text{mm}$
Measuring speed	600r/min
Power	AC380V
Working air pressure	0.4~0.6Mpa
Cycle time	$\leq 25\text{S}$ (Primary survey, Riveted, Pressure riveting) (With two riveting, average every 2 seconds) (Heavy clutch can be improved)
Balance correction method	Automatic measurement, automatic press riveting (prompted manual feeding) Control the location, type and quantity of the balance block
Smallest achievable residual unbalance	1gmm/kg
Volume legth X width X height	1700 X 2000 X 2000 mm
Machine quality	2000kg



Technical data of Pressure riveting machine

Major Components	Cylinder : SMC
	Pneumohydraulic Drives : TOX
	Control PLC : KEYENCE
	Servo motor : MITSUBISHI
	Sensor : KEYENCE, OMRON, Baumer
HMI : KEYENCE	
Applied Range	Rotor weight within 30kg
Measuring speed	400-900r/min
Power	AC380V
Air Supply	0.4~0.6Mpa
Cycle time	≤60S (Initial test, Process, Residual test)
Balance correction method	Auto-milling by control cutting depth and angle
Min achievable residual unbalance amount	1gmm/kg
Volume Length X width X height	1700 X 2000 X 2000 mm
Machine weight	2000kg



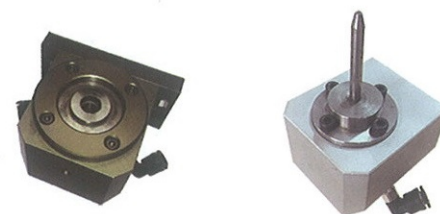
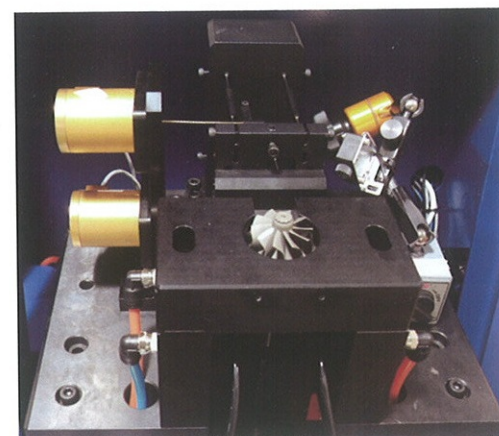
涡轮增压器测试机技术参数

设备主要部件配置	气动元件：SMC
	传感器：KEYENCE、JIZHI
	触摸屏：KEYENCE
	数据采集PLC：National Instruments
	数据采集PLC：KEYENCE
	安全门开关：EUCHNER
适用转子范围	扇叶 $\Phi 30\sim\Phi 95$ 质量 100g~500g
转子测试转速	2400r/s~3800r/s
跳动	0.015 gmm (转子初量0.1gmm以下时)
节拍	≤ 10 秒
电源	220V
气源	0.7~0.8mpa
可存储转子品种	15个
体积 长X宽X高	840 X 640 X 1400 mm
机器重量	280kg



Technical data of Turbocharger Auto-positioning balancing machine

Main components configuration	Pneumatic components : SMC
	Sensor : KEYENCE、JIZHI
	Touchscreen : KEYENCE
	Data collection PLC : National Instruments
	Data collection PLC : KEYENCE
	Safety door switch : EUCHNER
Application rotor range	Fan $\Phi 30\sim\Phi 95$ Quality 100g~500g
Measuring speed	2400r/s~3800r/s
Beat	0.015 gmm (At the beginning of the rotor 0.1gmm)
Cycle time	≤ 10 S
Power	AC220V
Working air pressure	0.7~0.8mpa
Maximum armature parameter	15
Volume legth X width X height	840 X 640 X 1400 mm
Machine quality	280kg



测试机修正机技术参数

型号	T-A/T-B
设备主要部件配置	气缸：SMC
	传感器：CONTRINEX
	触摸屏：KEYENCE
	控制PLC：SIEMENS
	步进电机：ORIENTAL MOTOR
适用转子范围	Φ20~100mm
转子转速	2100转/分钟
电源	单相/AC220V
气源	0.4~0.6Mpa
工作节拍	≤10秒
可存储转子品种	100
体积 长X宽X高	1250X700X400
机器重量	0.2t
功耗	1.5kw

Technical data of Auto-positioning balancing machine

Equipment mode	T-A/T-B
Main components configuration	Cylinder: SMC
	Sensor: CONTRINEX
	Touchscreen:KEYENCE
	PLC:SIEMENS
	Stepping motor:Oriental Motor
Application rotor range	Φ20-100mm
Measuring speed	2100rpm
Power	Single-phase/AC220V
Working air pressure	0.4~0.6 Mpa
Cycle time	≤10S
Maximum armature parameter	100
Volume (legth X width X height)	1250X700X400
Machine quality	0.2t
Consumption	1.5kw

