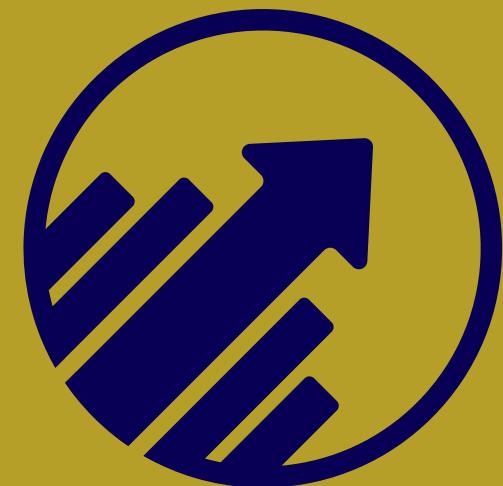


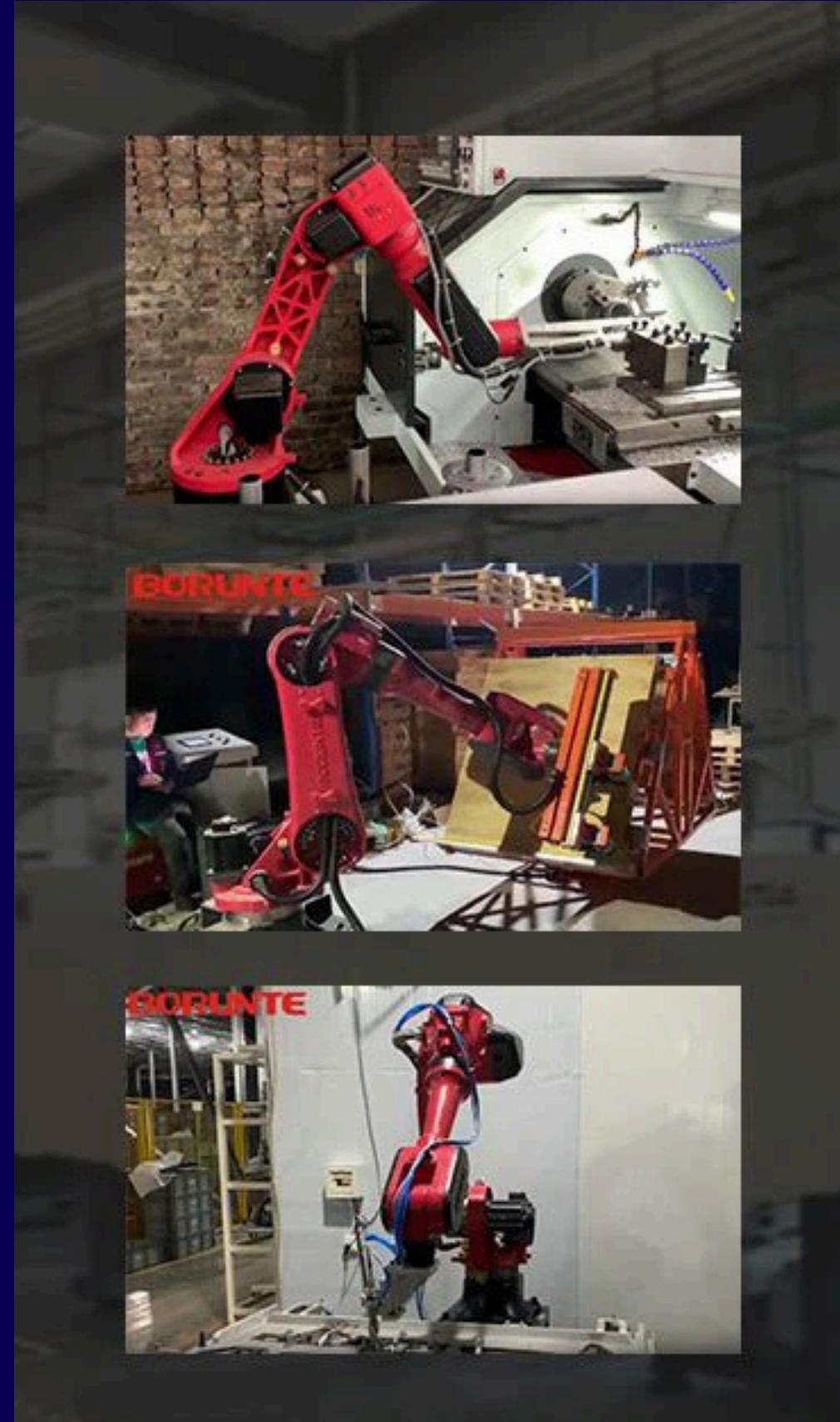
# Mantronix Solutions



**BORUNTE**  
**17+ YEAR**

# Company Overview

- Punching Press
- Polishing
- Welding
- Machine Tool
- Palletizing
- Spraying
- Die Casting
- Mold injection
- Bending
- Assembling



# BRTIRUS1820A

- BRTIRUS1820A is a six-axis robot developed by BORUNTE for complex applications with multiple degrees of freedom
- The maximum load is 20kg, the maximum arm length is 1895mm
- Lightweight arm design, compact and simple mechanical structure, in the state of high speed movement, can be carried out in a small workspace flexible work, meet the needs of flexible production



MODEL	ITEM	ARM			WRIST			Arm length (mm)	Loading ability (kg)	Repeated positioning accuracy (mm)	Power source (kVA)	Weight (kg)
		J1	J2	J3	J4	J5	J6					
BRTIRUS1820A	Range	±155°	-140°/+65°	-75°/+110°	±180°	±115°	±360°	1895	20	±0.05	5.87	230
	Max. Speed	110°/s	146°/s	134°/s	273°/s	240°/s	375°/s					



# BRTIRWD2206A

- BRTIRWD2206A six-axis robot is developed for welding application industry
- The robot is compact in shape, small in size and light in weight. Its maximum load is 6kg and its arm span is 2280mm
- Wrist hollow structure, more convenient line, more flexible action



MODEL	ITEM	ARM			WRIST			Arm length (mm)	Loading ability (kg)	Repeated positioning accuracy (mm)	Power source (kVA)	Weight (kg)
		J1	J2	J3	J4	J5	J6					
BRTIRWD2206A	Range	±155°	-130°/+68°	-75°/+110°	±153°	-130°/+120°	±360°	2280	6	±0.08	5.38	167
	Max. Speed	106°/s	135°/s	128°/s	168°/s	324°/s	504°/s					



# BRTIRUS2110A

- BRTIRUS2110A is a six-axis robot developed by BORUNTE for complex applications with multiple degrees of freedom
- The maximum arm length is 2131mm
- The maximum load is 10kg
- It has six degrees of flexibility
- Suitable for welding, loading and unloading, assembling etc



MODEL	ITEM	ARM			WRIST			Arm length (mm)	Loading ability (kg)	Repeated positioning accuracy (mm)	Power source (kVA)	Weight (kg)
		J1	J2	J3	J4	J5	J6					
BRTIRUS2110A	Range	±155°	-140°/+65°	-75°/+110°	±180°	±115°	±360°	2131	10	±0.05	6.48	230
	Max. Speed	110°/s	146°/s	134°/s	273°/s	300°/s	342°/s					



# BRTIRSE2013A

- High precision spraying robot is a six-axis robot developed by BORUNTE for the spraying application industry
- It has an ultra-long arm span of 2000mm and a maximum load of 13kg
- It has a compact structure, is highly flexible and technologically advanced, it can be applied to a wide range of spraying industry and accessories handling field.
- The protection grade reaches IP65 at the body. Dust-proof, water-proof. The repeat positioning accuracy is ±0.5mm



MODEL	ITEM	ARM			WRIST			Arm length (mm)	Loading ability (kg)	Repeated positioning accuracy (mm)	Power source (kVA)	Weight (kg)
		J1	J2	J3	J4	J5	J6					
BRTIRSE2013A	Range	±162.5°	±124°	-57°/+237°	±180°	±180°	±360°	2134	13	±0.05	6.38	385
	Max. Speed	101.4°/s	105.6°/s	130.49°/s	368.4°/s	415.38°/s	545.45°/s					



# BRTIRUS2030A

- BRTIRUS2030A is a six-axis robot developed by BORUNTE for complex applications with multiple degrees of freedom
- The maximum load is 30kg and the maximum arm length is 2068mm
- The flexibility of six degrees of freedom can be used to handle the scenes such as injection parts taking, machine loading and unloading, assembly and handling.



MODEL	ITEM	ARM			WRIST			Arm length (mm)	Loading ability (kg)	Repeated positioning accuracy (mm)	Power source (kVA)	Weight (kg)
		J1	J2	J3	J4	J5	J6					
BRTIRUS2030A	Range	±150°	-90°+70°	-55°/+105°	±180°	±115°	±360°	2068	30	±0.08	6.11	310
	Max. Speed	102°/s	103°/s	123°/s	245°/s	270°/s	337°/s					



# BRTIRUS3030A

- BRTIRUS3030A type robot is a Six-axis robot that developed by BORUNTE
- The robot has a compact shape and structure, each joint is installed with a high precision reducer, high speed joint speed can be flexible operation, can carry out handling, palletizing, assembly, injection molding and other operations, has a flexible installation mode.



MODEL	ITEM	ARM			WRIST			Arm length (mm)	Loading ability (kg)	Repeated positioning accuracy (mm)	Power source (kVA)	Weight (kg)
		J1	J2	J3	J4	J5	J6					
BRTIRUS3030A	Range	±160°	-105°+60°	-75°/+115°	±180°	±120°	±360°	3165	30	±0.07	5.07	738
	Max. Speed	89°/s	85°/s	88°/s	245°/s	270°/s	337°/s					



# BRTIRXZ0805A

- BRTIRXZ0805A is a six-axis cooperative robot with drag-teaching function independently developed by BORUNTE
- Maximum load of 5kg and a maximum arm length of 931.5mm
- It has the functions of collision detection and track reproduction
- It is safe and efficient, intelligent and easy to use, flexible and light, economical and reliable, low power consumption and other characteristics, which greatly meet the needs in man-machine cooperation.



MODEL	ITEM	ARM			WRIST			Arm length (mm)	Loading ability (kg)	Repeated positioning accuracy (mm)	Power source (kVA)	Weight (kg)
		J1	J2	J3	J4	J5	J6					
BRTIRXZ0805A	Range	±180°	±90°	-70°/+240°	±180°	±180°	±360°	931.5	5	±0.05	0.76	28
	Max. Speed	180°/s	180°/s	180°/s	180°/s	180°/s	180°/s					



# ASYMTEK Select Coat SC-280N/SC-280C/SC-350/SC-300



- ASYMTEK Select Coat Applicator Series
- The Select Coat® Applicator Series – which includes the SC-350 Select Spray and the SC-300 Multi-Mode – is a highly-versatile conformal coating applicator that supports a wide range of fluid viscosities and is ideal for solvent or solvent-less fluid formulations.
- ASYMTEK Select Coat SC-280N/SC-280C Film Coater Applicator
- Nordson ASYMTEK's Select Coat® SC-280N/SC-280C film coaters provide precision and dependability to the application of conformal coating materials.



# ELECTRIC CONTROL CABINETS



# ELECTRIC CONTROL CABINETS

- BORUNTE products adopt a new drive control integrated control system, with fewer signal lines and simple maintenance
- It is equipped with a handy mobile hand-held operating device; the parameters and function settings are clear, and the operation is simple and fast.





TCP precision self-calibration device



2D visual system



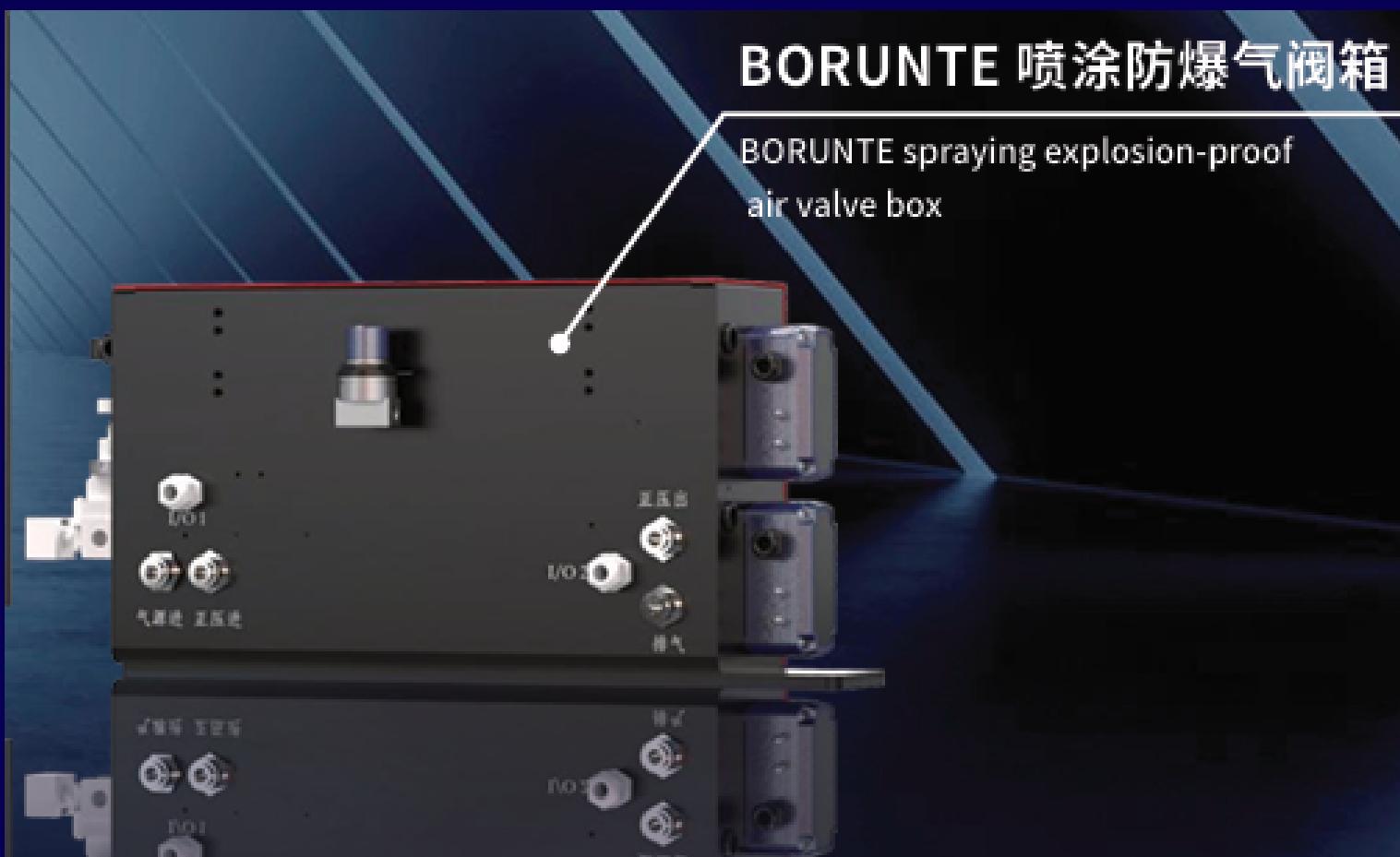
Palletizing gripper fixture



2D visual system (high-end version)



**Drag device teaching pendant**



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