



TURIN ROBOT

Palletizing robot workstation



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Shanghai Turin Smart Robot Co.,Ltd.

TPW 20 Parameters

Flexible deployment

Quick installation, convenient mobility, and quick switching between multiple scenarios;
Integrated design with small footprint.

Widely used

Widely used in fast moving consumer goods (care products, brand packaging, food, beverage, tobacco and wine), medicine, 3C and other industries.

Easy to use

Visual programming; ordinary employees can master programming within 1 hour; standardized palletizing procedures, only four steps to complete the new task program settings.

Value investment

The average payback is 6-12 months; its rapid deployment and multi-scenario application features can easily switch between multi-category products and off-peak seasons, freeing employees from heavy handling work and improving the intelligence of the factory.



High compatibility

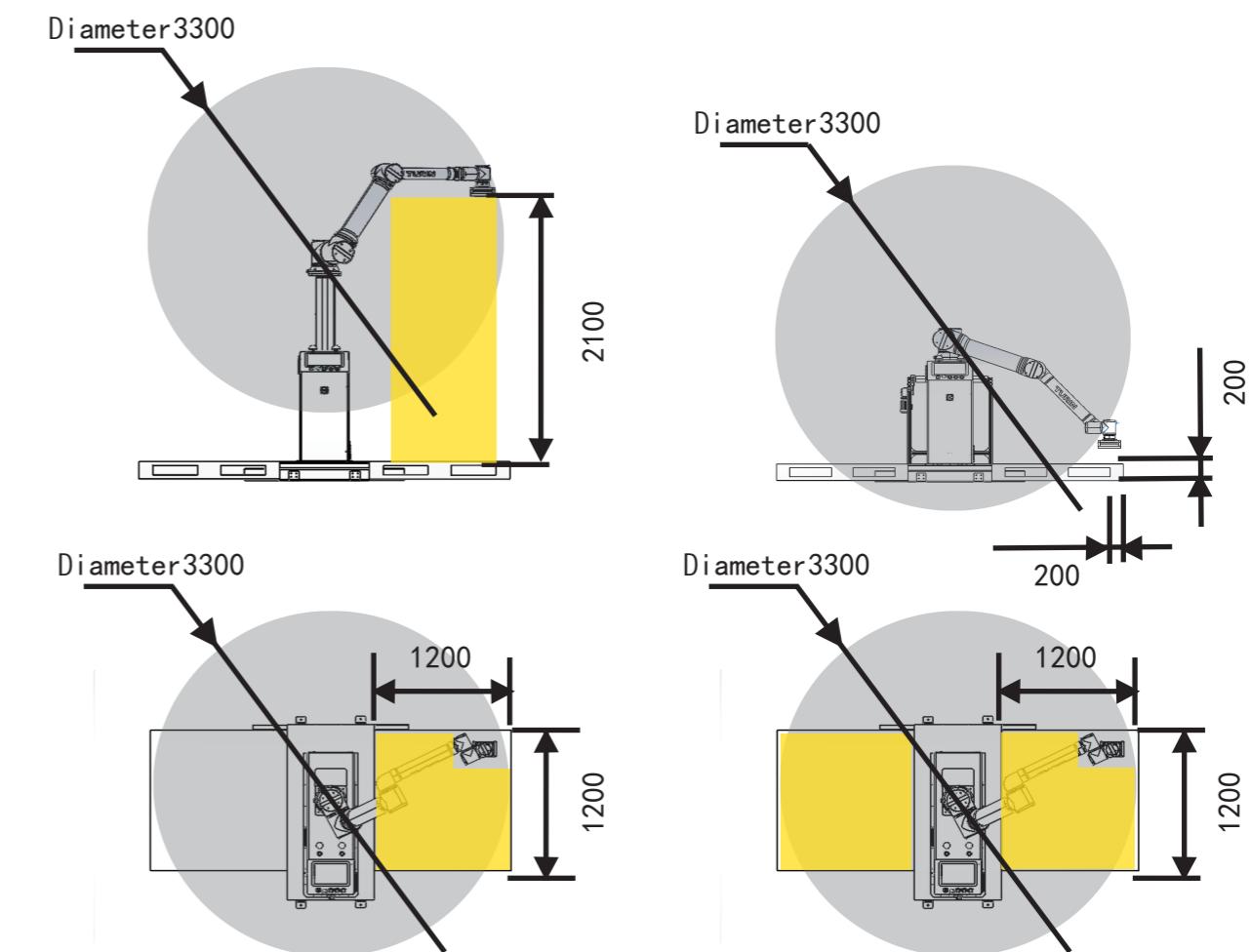
- Large reach, can cover a variety of pallet sizes.
- Multiple product stack types can be accommodated by simply creating a single program.

Operability

- Easy palletizing in four steps
 - Set box size
 - Set pallet size
 - Set stacking style
 - Incoming material position setting

Model	TPW 20
Payload	20kg
Working radius	1650mm
Maximum tray size	1200*1200
Stacking height	2100mm
Palletizing speed	8-10 boxes/min
Rated voltage	Single-phase 220V
Working air pressure	>0.5Mpa
IP rating	IP54

Travel Range

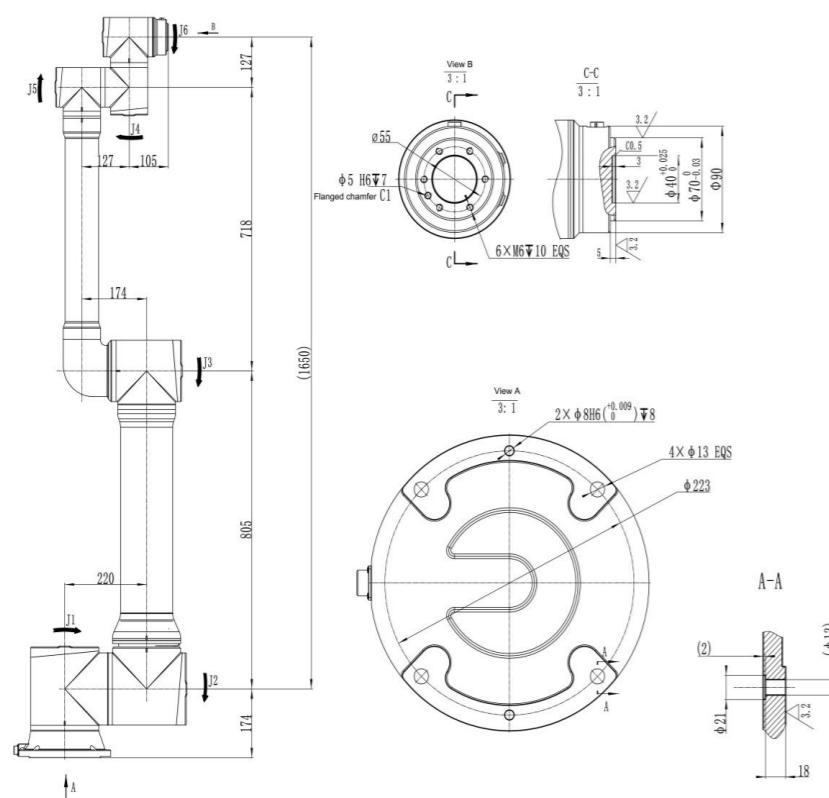


TCR 200 Parameters

Model	TCR200												
Payload	20kg												
Maximum Working Range	1650mm												
Body Weight	68kg												
Rated Power	3.9kw												
Max Speed	<table border="1"> <tr><td>J1</td><td>100°/s</td></tr> <tr><td>J2</td><td>100°/s</td></tr> <tr><td>J3</td><td>150°/s</td></tr> <tr><td>J4</td><td>180°/s</td></tr> <tr><td>J5</td><td>180°/s</td></tr> <tr><td>J6</td><td>180°/s</td></tr> </table>	J1	100°/s	J2	100°/s	J3	150°/s	J4	180°/s	J5	180°/s	J6	180°/s
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J4	±175°												
J5	±175°												
J6	±360°												
Protection Rating	IP54												
Position Repeatability *	±0.1mm												
Working Temperature	0~45°C												

*This precision applies to the Turin Intelligence series.

Working Range



TCR 300 Parameters

Model	TCR300												
Payload	30kg												
Maximum Working Range	1800mm												
Body Weight	154kg												
Rated Power	5.95kw												
Max Speed	<table border="1"> <tr><td>J1</td><td>100°/s</td></tr> <tr><td>J2</td><td>100°/s</td></tr> <tr><td>J3</td><td>150°/s</td></tr> <tr><td>J4</td><td>180°/s</td></tr> <tr><td>J5</td><td>180°/s</td></tr> <tr><td>J6</td><td>180°/s</td></tr> </table>	J1	100°/s	J2	100°/s	J3	150°/s	J4	180°/s	J5	180°/s	J6	180°/s
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J4	±175°												
J5	±175°												
J6	±360°												
Protection Rating	IP54/IP67												
Position Repeatability *	±0.06mm												
Working Temperature	0~45°C												
Control Cabinet	TRC-B06												

*This precision applies to the Turin Intelligence series.

Working Range

