



## Model 2015 Introduction

### 1. Function

- a) X/Y/Z Axles use servo control to make the precision more stable and reliable.
- b) Taiwan well-known linear TBI guide rail and ball screw to improve the accuracy and life.
- c) High-speed motorized spindle make the edges of products smooth and efficient
- d) With automatic tool compensation and polishing wheel automatic trimming functions.
- e) Automatic tool path optimization function.
- F) CAD file.
- g) Fully covered waterproof protection, which prolongs the service life of lead screw guide;
- h) Automatic adsorption and automatic reverse adsorption.
- i) Model 2015 single position maximum 2000MM×1500 mm, double position maximum  $\phi$ 900MMX1500 mm, carborundum wheel using general parallel wheel.
- j) Circular, special-shaped and square glass adopts multi-axis co-wheel design, and the spindle can only be installed with three grinding wheels with a diameter of 150 at one time.
- k) Suitable for glass edge grinding, (straight edge, round edge, etc.),



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polishing processing.

- l) Adopted national standard steel, The machine bed is made of thick-walled steel pipe after welding and heat treatment.

## 二、 Application

Products are mainly used in glass lens, LCD screen, process lens, lighting glass, home appliance panel glass and other panels processing.

## 三、 Model 2015 data:

Servo system	Taiwan Delta
Variable frequency motor	Japan's NIDEC
Guide	Taiwan TBI
Screw Rod	Taiwan TBI
Electric spindle	11KW 12000 RPM of Pneumatic spindle
Electric	USA Honeywell
Cable	Well-known brands in China
(mm) Worktable Size	2200MM×1650MM
X×Y×Z (mm) Work range	2200MM×1650MM×150MM
(kg) Maximum loading	500kg
(m/min) Maximum Speed	0-15M
(mm) Repeated positioning accuracy	0.05
X/Y/Z Moving positioning accuracy	0.05 mm/300 mm



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(kg) Weight	Around 5500KG
(mm) Measure	L3920MM×W2700MM×H2200MM
Power supply	Three-phase 380V/50Hz/25kw
Control System	Own brand HY-A

#### 四、 Process Range:

Diagonal accuracy:  $\pm 0.2$  mm

Edge of accuracy:  $\pm 0.1$

Glass Thickness: 2 ~ 15 mm

Max. Glass Size: 2000×1500mm

Min. Glass Size: 200MM

( Normal)

Less than 200MM need order the  
sucker



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### Model 2015 Standard accessories

Item	Accessories	Specification	QTY (PC)	Remarks
1	carborundum wheel	100 * 22 hole * 5 T	2	One for Rough grinding and one for Fine grinding
2	Polishing wheel	150*22*15MM	1	
3	Water tank	Stainless steel	1	Contains filter screen
4	Water pump motor	DB-200/450w	1	One year warranty
5	Waterproof cover		1	Consumables parts
6	Standard sucker	UPPER: 120 * 120 Lower: 150 * 150	12	Consumables parts
7	Positioning seat	Φ 140*15	6	Consumables parts
8	Positioning Cylinder	SDA40*60	6	Consumables parts
9	Positioning Wheel	Φ 100*15	6	Consumables parts
10	O-ring	Φ 135*Φ 3.5	6	Consumables parts
11	Positioning Cap	Φ 100	1	Consumables parts
12	Suction Tube		16	Consumables parts
13	Positioning Tube		6	Consumables parts
14	Screw	M5X8	20	
15	Plug	PC Φ 8-3	2	Consumables parts
16	Bend head	PC Φ 8-02	2	Consumables parts
17	Monkey wrench		1	
18	Hexagon socket wrench		1	



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19	Limit Switch		1	Consumables parts
20	2-position2-way lectromagnetic valve	2W-025-08-DC24V	1	Consumables parts
21	2-position5-way lectromagnetic valve	4V210-08-DC24V	1	Consumables parts
22	ER32 Lock-up	Φ20	1	Consumables parts
23	ER32 nut wrench		1	Consumables parts
24	ER Lock-up	Φ12	1	
25	Tricolor wheel			For milling sucker
26	Vacuum pump	7.5kw	2	For 8 CNC machines
27	Gas Tank		1	

Remarks: Consumables parts is without warranty.