

8英寸精密自动划片机

8 INCH AUTOMATIC DICING SAW

AR6000

● 最大有效加工尺寸 (mm)

Maximum effective product size (mm)

ø8" / 180*180

● 主轴配置方式

Configuration method of spindle

单主轴

Single-spindle



● 特点 FEATURE

直光、环形光两种光源，70×—320×可选倍率双显微镜，工件显示清晰。

Direct light, oblique light, 70x-320x optional magnification double microscope, workpiece display clear.

刃露出量实时显示，测高系统自检报警，真空预警，加工状态实时可控。

Real-time display of kerf exposure, auto setup alarm system, vacuum warning, real-time controllable processing status.

触控教学式GUI，编辑过程模拟显示，操作简单便捷。

Touch GUI, edit process simulation display, easy and convenient operation.

自动对准、自动切割、自动刀痕检测功能，减少操作人员工作量，有效提高生产效率。

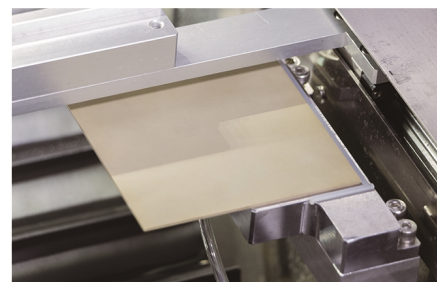
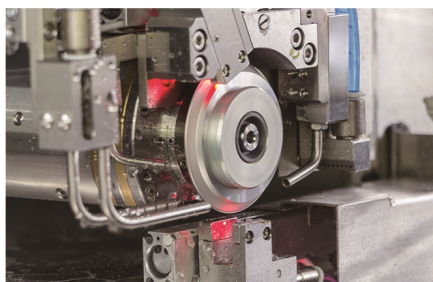
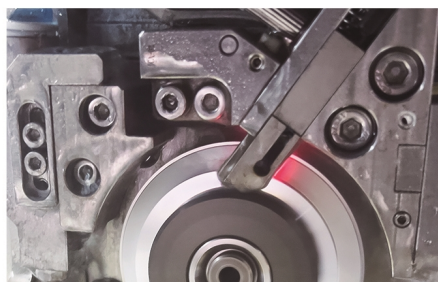
Auto-alignment, auto-dicing and automatic kerf check functions reduce operator's workload and effectively improve production efficiency.

精密进口滚珠丝杆、直线导轨，Y向光栅尺闭环控制，高精度机台长时间保持。

Precision imported ball screw, linear guide, Y-directional scale closed-loop control, high-precision machine to maintain a long time.

占地比突出的8英寸设备，有效加工范围8英寸圆片。

The 8-inch machine with outstanding floor space ratio and effective processing range of 8-inch wafer.



• 功能 FUNCTION

注: 「*」为选配功能, 支持个性化定制
PS: 「*」 is an optional feature that can be customized by the customer

| 多片同盘切割

Chips dicing in the same time

| 集中加油, 便捷自润滑功能

Centralized refueling, convenient self-lubrication function

| *刀片破损检测系统

Blade breakage detection

| *高精度非接触式测高

High-precision non-contact setup

| *双倍率双光源机器视觉

Dual magnification and dual light sources

| *自动对准、自动刀痕检测功能

Auto-alignment & automatic kerf check

| *在线过程磨刀功能

Online process on-line dress board

| *工厂自动化模块

Factory Automation Module

• 参数 PARAMETER

X轴 X axis	进刀速度输入范围 (mm/s)	Input range of feed speed(mm/s)	0.1-500
Y轴 Y axis	单步步进量 (mm)	Single step increment (mm)	0.0001
Y轴 Y axis	到位精度 (mm)	Reach accuracy (mm)	0.003以内/205 0.002以内/5 (单一误差) Within 0.003 / 205 Within 0.002 / 5 (single error)
Z轴 Z axis	重复精度 (mm)	Repetition accuracy (mm)	0.001
Z轴 Z axis	刀片最大尺寸 (mm)	Maximum size of blade (mm)	φ58
主轴 Spindle	配置方式	Configuration method	单主轴 Single-spindle
主轴 Spindle	输出功率 (kW)	Output power (kW)	1.5 (1.8、2.4可选) at 30,000 min-1 1.5 (1.8、2.4 optional) at 30,000 min-1
主轴 Spindle	转速范围 (min-1)	Speed range (min-1)	3,000 - 50,000 (60,000*)
设备重量 (kg)	Weight (kg)	Input range of feed speed(mm/s)	≈650
设备尺寸/W*D*H (mm)	Size / W*D*H (mm)	Single step increment (mm)	760*1,000*1,600

• 应用 APPLICATION

