

6英寸精密自动划片机

6 INCH AUTOMATIC DICING SAW

AR3000

● 最大有效加工尺寸 (mm)

Maximum effective product size (mm)

ø6" / 156*156

● 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。

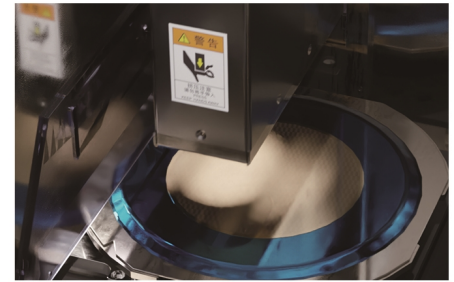
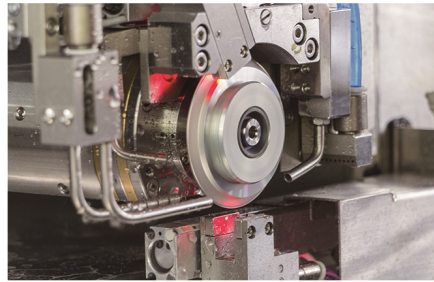
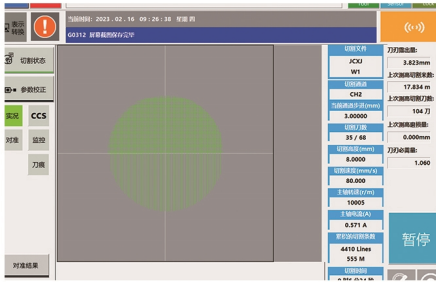
Touch GUI, edit process simulation display, easy and convenient operation.

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.



• 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/165 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*) |
| 设备尺寸/W*D*H (mm) | Size/W*D*H (mm) | | 600*970*1,600 |
| 设备重量 (kg) | Weight (kg) | | ≈600 |

• 应用 APPLICATION

