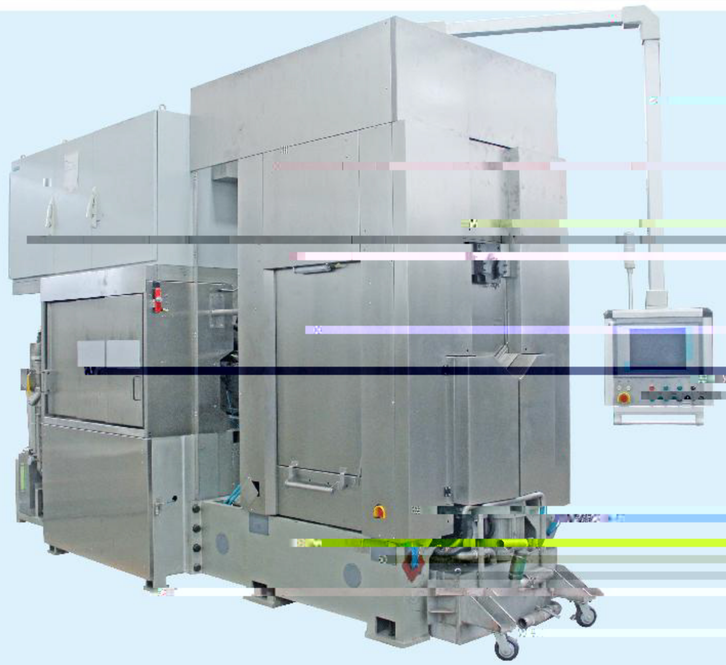
WSK063...

半导体晶圆切片机

WSK063 SiC slicing machine



设备用途和特性

- 本机是一台用于半导体行业，用于半导体晶体的切片，是半导体行业广泛使用的设备，是生产高质量晶圆片的理想设备。最大可切片达（300*2300）片，是各种硬脆特性半导体生产的理想的选设备。
- 本机特点：
- 1、两个钢线导轮驱动，收（放）线驱动，张力控制，可实现线驱
- 2、钢线张紧力的控制是通过[illegible]
- 3、工件进给由伺服电机通过[illegible]钢线的切割速度和压力。
- 4、切削液的搅拌与输送。切削液管道可达[illegible]及计量器计量，与切片机[illegible]
- 5、本机床为高新技术集中的产品。

Applications and Features of the Machine

- the machine is used for cutting Semi-conductor bar, which is main [illegible] processing equipment. Under max dimension of cross section Φ 330mm, the minimum thickness of section 0.2mm, adjust procedure [illegible] procedure. It may cut 300*2300 pcs each time, at one clamping. the optimized equipment for [illegible] for semi-conductor manufacturers.
- features:
- two wire guide wheel drive, [illegible] drive, cable drive, all of [illegible]
- detection control of wire tension [illegible] (constancy)
- workpiece feeding [illegible] the ball [illegible] rate [illegible] guiding speed of wire.
- agitation and conveying of cutting liquid. Cutting liquid pipe can reach up [illegible] constant temperature through heat exchanger, meeting the slicing [illegible] rate.
- this machine is an integrated high-tech product.

技术规格参数 Specifications and Technical Parameters

工件 workpiece	
横断面 cross section	≤Φ330mm
长度 length	2×230mm；1×600mm
厚度 thickness	≥0.200mm（必须调整制程must adjust manufacturing process）
切割速率 cutting rate	
线速度 linear [illegible]	[illegible]
快速移动 fast move	200mm/min
工作行程 working stroke	最大MAX 385mm
钢线 wire	
芯线径 diameter of core wire (external diameter)	0.05-0.55-0.400mm
钢线长度 length of wire	按线轮而定 according to wire wheel
钢线方向 direction of wire	前进或后退切割 forward or backward/double directional cutting
预张紧 pre-tension	最大50N（尝试钢线直径Φ而定）max 50N (according to diameter of wire)
导轮 guide wheel	
直径 diameter	Φ192mm
长度 length	662mm
个数 number	3
主电机功率 main motor power	最大 max 3×30KW
轴距（左右）wheelbase (left&right)	500mm
轴距（上下）wheelbase (up&down)	450mm
钢线偏移轮 offset wheel	
直径 diameter	[illegible]
个数 number	2×3(b)
卷绕线盘 winding coil	
卷绕轴工作高度 working height of winding shaft	1355mm
卷绕线盘 winding coil	WSK063Z83-01/WSK063Z83-02-301
切削液供给 cutting fluid supply	
切削液流量 capacity of cutting fluid	[illegible]
恒温温度 constant temperature	最大MAX 12000kcal/h 可调整，使用温度可调 adjustable, the using temperature can be adjusted
主轴轴承 bearing	最大MAX 12000kcal/h 可调整
冷却水入口温度 inflow temperature of cooling water	[illegible]
控制系统 control system	西门子 PCI/SPS controller S7 series with integrated PC
供货商 supplier	西门子（Siemens）
监控 monitor	[illegible]
外观尺寸及总重量 outline dimension and total weight	
长度 length	4470mm
宽度 width	2170mm
高度 height	2563mm
总重量 total weight	约13000kg

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As products are improv[illegible] modification without notification, we company reserves the final explan[illegible]