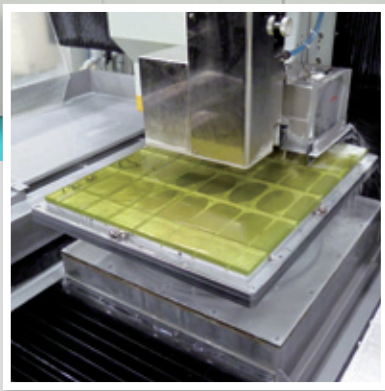


AUTOMATIC SLICING/DICING MACHINE

DLS6160/6165

Latest model developed for large size and thicker materials.
With high precision size 650mm×550mm×25t available to cut.



Best fit
for cutting
laminated
glass plates

Highly
precise in
cutting with
multi gang
blades

High
accurate
automatic
chuck table
rotation

Applications Example

Glass plate

Metal plate

Ceramics

Suitable for cutting the large scale materials.

Suitable products

- Smart phone cover glass
- Laminated ceramics
- Laminated optical glass

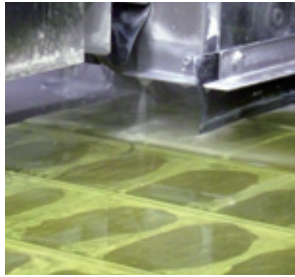
The last fort in cutting

DAStech
YAC DAStech, Inc.



Daspen

**DLS6160
/6165**
Structure
advantages



**Large size
Materials cutting**

- DLS6165:650mm×550mm
- DLS6160:550mm×450mm
- Cutting with multi gang blades



**Automatic alignment
and operation panel**

- Processing accuracy improvement
- Productivity improvement
- Labor saving

Specification

DLS6160

DLS6165

Specification			DLS6160	DLS6165
Chuck table	(mm)		550×450	650×550
X Axis	Cut stroke	(mm)	1215	1420
	Feed speed range	(mm/sec)		1~150
	Minimum setting	(mm)		0.001
	Drive system & Drive source		Ball screw & AC Servo motor	
Y Axis	Effective stroke	(mm)	650	710
	Minimum index step	(mm)		0.001
	Index speed	(mm/sec)		1~50
	Drive system & Drive source		Ball screw & AC Servo motor	
Z Axis	Effective stroke	(mm)		90
	Minimum index step	(mm)		0.001
	Index speed	(mm/sec)		1~20
	Drive system & Drive source		Ball screw & AC Servo motor	
W Axis	Rotation range	deg		105
	Minimum resolution	(°)		0.000088 (360°/4096000P)
Spindle	Style		Belt drive, Mechanical bearing	
	Speed range	(min-1)		600~8000
	Motor	(kw)		3.7 Magnet motor
	Blade size			IDφ40×OD 5inch or 6inch
Auto Alignment	Type		Pattern matching (Fiducial : The target pattern by the CCD camera)	
	Pixel size	(mm)		0.00375
	Lighting			Vertical lighting
	Accuracy	(mm)		±0.001
Operation panel	Touch panel		Switch function Cutting data, error message	
Accuracy	Table top accuracy	(mm)	0.05 / 600×600 (or mounted chuck top surface)	
	X axis straightness Yawing	(mm)	0.01 / 600	0.01 / 650
	Y axis straightness Yawing	(mm)	0.02 / 600	0.02 / 650
	Y axis index accuracy Repeat	(mm)	±0.005	±0.005
	Accumulative	(mm)	±0.01mm / 600mm	±0.02mm / 600mm
	Z axis index accuracy Repeat	(mm)	±0.02	±0.02
	Accumulative	(mm)		±0.05mm / 50mm
	W axis index accuracy Repeat	(mm)		±1.3"
	Absolute accuracy	(mm)		±3.6"
	Spindle run out	(mm)		Radial direction 0.005
Machine size	(mm)		2,244(W)×1,550(D)×1,815(H)	2,532(W)×1,550(D)×1,815(H)
Machine weight	(kg)		2,300	2,500
Utility	Power		3 phase 200V 50/60Hz	
	Power consumption	(kVA)		10
	Air pressure	(MPa)		0.55
	Air consumption	L/min(ANR)		450
Water supply unit	Coolant water pressure	(MPa)		0.3
	Coolant consumption	(l/min)		20
	Power consumption	(kVA)		2kVA (Coolant unit)

The specification of this machine have a case to change for improvement.
Please contact our sales for inquiry as to cutting applications.

Our motto is **"FAST"**

Flexible
Automatic
Slicing
Technology



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