



# AUTOMATIC SLICING MACHINE

## DAS-65N



# DAS-65N

This series is an improvement development type central model of the DAS/DAD series which has gained popularity as a precision processing machine of hard material and metal material.

This machine has been improved the stiffness of each part of a machine by the design of the latest.

And therefore, grooving and cutting of high-precision and high-load is now possible than before.

Also, achieving a high positioning accuracy by controlling the servo motor for each axis.

Further, improved the operability by adopting the touch panel.

## Specification

## DAS-65N

<b>Work table area</b>	(mm)	450 × 150
<b>X Axis</b>	Effective Stroke	(mm) 500
	Cutting Speed	(mm/sec) 0.1~80
	Feed speed	(mm/sec) 80
	Axis drive system	Ball screw & Timing belt
	Drive source	AC Servo motor
<b>Y Axis</b>	Effective Stroke	(mm) 150
	Index minimum step	(mm) 0.001
	Movement Speed	(mm/sec) 40
	Axis drive system	Ball screw
	Drive source	AC Servo motor
<b>Z Axis</b>	Effective Stroke	(mm) 100
	Index minimum step	(mm) 0.001
	Movement Speed	(mm/sec) 20
	Axis drive system	Ball screw & Worm gear (1/20)
	Drive source	AC Servo motor
<b>Spindle</b>	Bearing	Belt drive, Mechanical bearing
	Maximum speed	(min-1) 8,000
	Speed control	Inverter
	Motor	3.7KW 2P Low vibration motor
	Blade OD	φ4"~φ6"
	Interlock	1. Spindle stops at the waterproof cover open
		2. Spindle will not rotate with cover unclosed
	3. Waterproof cover locked during the spindle rotation (Option)	
<b>Operation panel</b>	Touch panel	Switch function
		Cutting data, error message
<b>Accuracy</b>	Table top accuracy	(mm) 0.02
	X axis straightness Yawing	(mm) 0.01/500
	Y axis index accuracy Repeat	(mm) ±0.005
	Z axis index accuracy Repeat	(mm) ±0.005
	Spindle run out	(mm) Radial direction 0.005
<b>Utility</b>	Power	3 phase 200V 50/60Hz
	Power consumption	(KVA) 8.0
	Air pressure (Option)	(MPa) 0.55
	Air consumption (Option)	(NI/min) 60
<b>Water supply unit</b>	Coolant water pressure	(MPa) 0.3
	Coolant consumption	(l/min) 30
<b>Coolant unit</b>	Power consumption (Option)	(KVA) 2.0
<b>Machine size</b>	(mm)	1,620 (W) × 1,300 (D) × 1,520 (Stopped)
<b>Machine weight</b>	(Kg)	1,300

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” 「素速く」です。

**F**lexible あらゆる手段を使って

**A**utomatic 効率的に

**S**licing 切断することを

**T**echnology 実現する



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