

# Singulation System

**Model PSS2040**



**Fully automatic singulation system for workpieces  
with a maximum size of □330mm**

# Fully automatic singulation system for workpieces with a maximum size of □330 mm

- Continuous cutting of □330 mm with twin spindles and twin tables.
- KIT conversion time for product changeover: 15 minutes.
- Enhanced cleaning efficiency with independent cleaning and drying units.
- Vision inspection: Maximum □110 mm.  
(\*Option : □150 mm divided inspection available)
- Supports customization.



## SPECIFICATION

Items		Unit	Description			
Model		—	PSS2040			
Workpiece size *Depending on workpiece supply unit	Length	mm	160—330			
	Width	mm	160—330			
	Thickness	mm	0.5—4.5			
Package size	Min.	mm	3×3			
	Max.	mm	150×150			
Warpage amount of substrate		—	3mm／300mm (Max.)			
Saw engines		—	Twin spindles, Twin tables			
External dimensions	Module	module	Magazine	Cut Engine	Wash	Offload
	Width	mm	855	1,970	920	1,970
	Depth	mm	1,970	1,970	1,970	1,780
	Height	mm	1,900	2,050	1,900	1,900
Weight		ton	9.5			
Onload	Type	—	Slit magazine L : 400×460×563mm M : 320×355×563mm			
	Pieces	pcs	2 (Max.) *set stage and elevator			
Offload	Type	—	JEDEC Tray			
	Pieces	pcs	40 (Max.)			
Number of pick and place head		—	2units×4pcs			
Conversion time		min	15			
Package handling method		—	Vacuum			

· The figures shown above are based on standard machine specifications.  
· The above specification are subject to change without prior notice.  
· For special requirements, please consult your local TOWA representative.




### Headquarters

5 Kamichoshi-cho, Kamitoba, Minami-ku, Kyoto-shi,  
Kyoto 601-8105 Japan

### Contact Us



TOWA (our company's house mark),  are trademarks or registered trademarks of TOWA Corporation.

## Overseas Sales Contacts

### China

TOWA (Shanghai) Co., Ltd.

### Taiwan

TOWA Taiwan Co., Ltd.

### Korea

TOWA Korea Co., Ltd.

### Singapore

TOWA Asia-Pacific Pte. Ltd.

### Malaysia

TOWA Malaysia Sales &  
Services Sdn. Bhd.

### Thailand

TOWA THAI COMPANY LIMITED

### Philippines

TOWA Semiconductor Equipment  
Philippines Corp.

### India

TOWA SEMICONDUCTOR INDIA  
PRIVATE LIMITED

### Germany

TOWA Europe GmbH

### Netherlands

TOWA Europe B.V.

### the United States

TOWA USA Corporation