

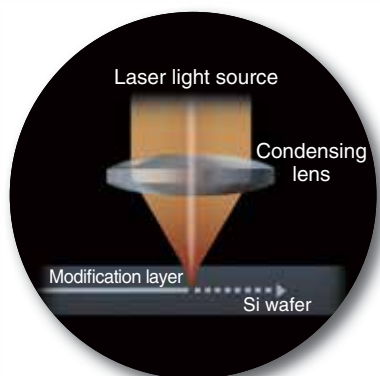


TOKYO SEIMITSU

MAHOH DICING MACHINE

# ML300PLUSWH

High performance laser dicing machine for 300mm wafers with SDE.



TOKYO SEIMITSU

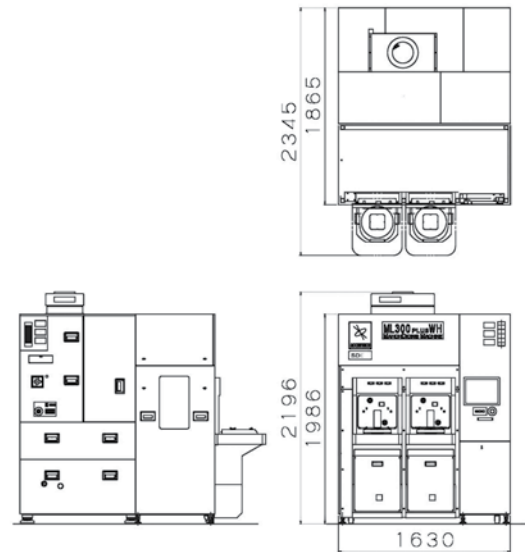
## ● Specifications

Applicable Wafer size	Circular wafer : $\phi 8''$ to $\phi 12''$	
X-axis	Stroke	550mm
	Cutting feed rete	0.1mm to 600mm/s
	Positioning resolution	0.002mm
	Straightness	0.0015mm/310mm(both horizontal and vertical)
Y-axis	Stroke	427mm
	Driving speed	max.80mm/s
	Positioning resolution	0.0002mm(closed-loop control)
	Positioning accrracy	0.002mm/310mm
Z-axis	Stroke	8.5mm
	Driving speed	max.10mm/s
	Positioning resolution	0.0001mm(closed-loop control)
	Positioning accrracy	0.001mm/1mm

## ● Others

Power supply	Supply voltage : Selected from 200/220/240/380/415 VAC $\pm$ 10% 3 phase, 50 to 60 Hz.
Power consumption	7kVA max
Copressed air	Pressure : 0.5 to 0.7 MPa
N2 gas	Pressure : 0.5 to 0.7 MPa
Cooling water for thermal regulator (for Laser cooling)	Pressure : 0.2 to 0.5MPa
Dimention	1630 <sup>W</sup> × 2345 <sup>D</sup> × 2196 <sup>H</sup> mm
Weight	2500kg

## ● External View



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