

# MATSUNAMI's Technology (12 times in total)

Episode 2 :

## Cutting



We have many glass cutting technologies.  
We would like to introduce these technologies today.

We have a lot of glass cutting equipment.  
So that, we can cut any glass at the size and shape which you want.

Minimum thickness : 0.03mm (30μm)

\* Notes : Its size and shape depend on glass composition and/or thickness.

And we can try to cut various materials other than glass.

### Advantages

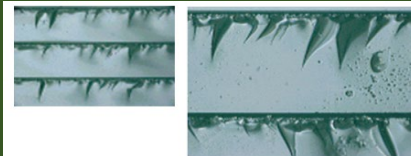
- Various thickness
- Special processing like hole and ditch with cutting
- Consignment processing
- Not only mass production but also trial production
- Straight, curving and any shapes

### Technical Excellence

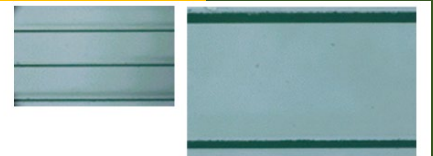
<30μm~150μm glass cutting>



Normal scribe cutting



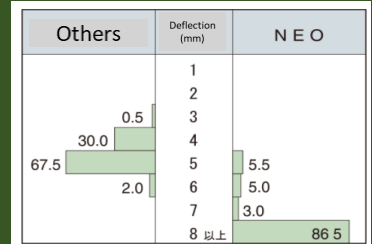
Our 'NEO' cutting



#### What's NEO cutting (Straight)?

Our only-one origin technology to avoid breakage in bending, reducing cracks

Own technology to produce proper glass



### Facilities

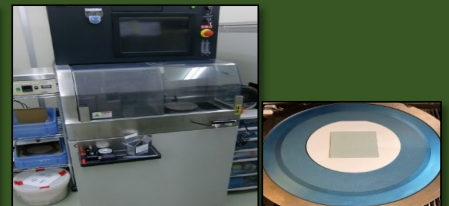
<Scriber cutting(Straight/Curving)>



<Water Jet (Straight/Curving)>



<Dicing machine>



<Band sawing machine>



<Inside edge saw>



<Outside edge saw>



### Availability

Size, Thickness, Sort of process on each machine

Cutting process	Scriber cutting	Scriber cutting (Bigger size)	Curving	Water Jet	Dicing	Inside-edge	Outside-edge	Band saw machine
Minimum size	□5mm	□5mm	Circle : >φ6.0mm	□30mm	□1.0mm	□50mm	□50mm	□10mm
Maximum size	□500mm	1100 x 1400mm	730x 920mm	550X650mm	φ152.4mm	□80mm	W260xD450mm	W500xD500mm
Thickness range	0.03~ 3.0mm	0.5~8.0mm	0.1~3.0mm	0.4~10mm	1.0mmt	t 0.6~25mm	t35mm(max)	t 110mm (actual)
Available shapes (Shapes, Holes etc)	Square	Square	Square, Circle, Free-drawn	Square, Hole, Free-drawn	Square, Polygon	Shaving	Shaving	Shaving