

# EXCELON-XD

HIGH-END EDGER  
WITH INTEGRATED DRILL





A close-up, low-angle shot of a highly reflective, curved metallic surface, likely a car's body panel. The surface is dark, possibly black or dark grey, and is illuminated from the right, creating a sharp, bright highlight that curves along the edge. The background is solid black, making the metallic surface stand out.

EXCELON

EXCELON XD





**XD**

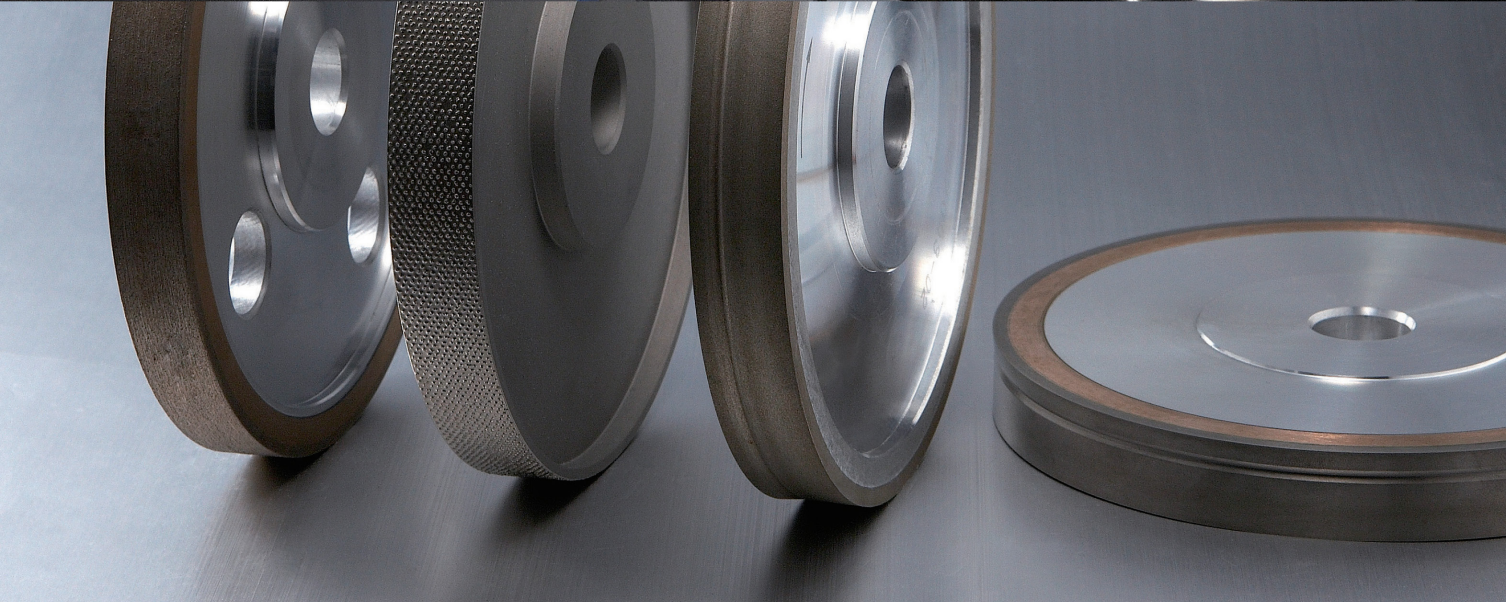
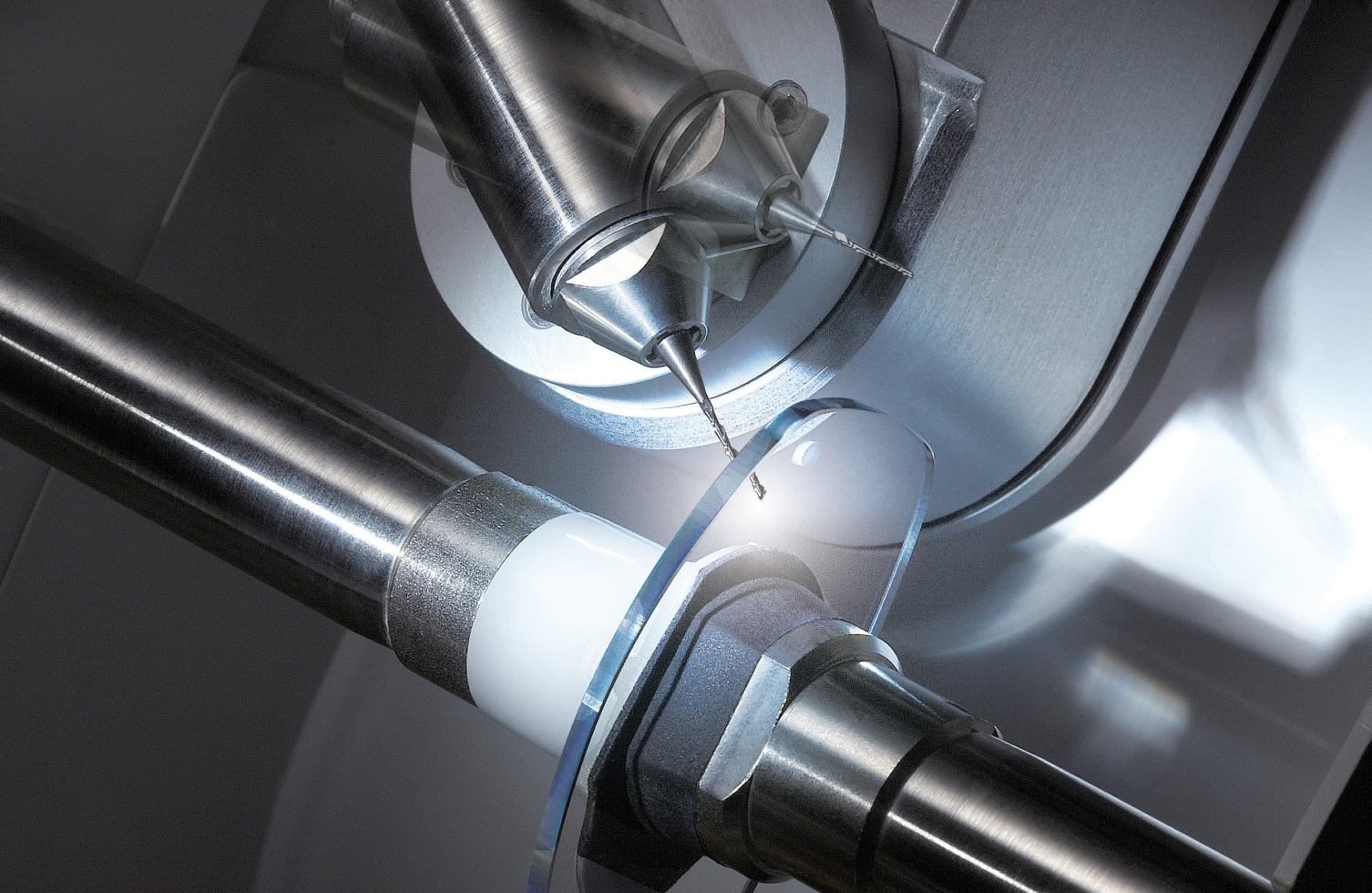
Be impressed by the faster speed and superior efficiency of the Excelon XD:

Greater speed is now possible using state of art technology. A new horizon has been reached by the Exelon XD to give previously unseen performance and efficiencies. Huvitz R&D and engineering is offering you more cost effective and time saving choices in your laboratories.

We would like to kindly invite you into the new world of efficient edging where everything is realized just the way you have imagined.

**EXCELON XD**







Integrated drill and user-friendly touch screen offer you more efficiency and machining choices.

#### Excelon XD with fully loaded function.

---

- Drilling, grooving, beveling, safety beveling and polishing processes are set with the 'light action' touch screen.
- 3-dimension drill makes it possible to create all the lens forms you need, with simple drag and drop option.
- Powerful edging is provided by bigger wheels and 1horse power direct motor drive.

#### More intelligence in Excelon XD

---

- The grooving function is sensitive to 0.01 mm of depth and width adjustments.
- The Drill module offers you 30 degrees of mobility to ensure the high curve lens drilling.
- Dual CPU system supports full multitasking, job editing and loading.
- Dual side lens feeling makes best use of processing time.

#### User friendly touch screen

---

- Touch screen offers user friendly environment and easy menu management.
- Huvitz's proven user friendly graphic interfaces make processing easy for all operator skill levels.
- 3 dimension graphic based menu displays inform the operator fully (with visuals) about the final design.
- The edging status is displayed graphically in real-time.

#### The edger that brings customer satisfaction.

---

- Best results on all materials\* and forms.
- Special and customized orders are supported.
- All the design, setting and real-time edging is done in 'one step'.

(\* ) Please see the specification table for details





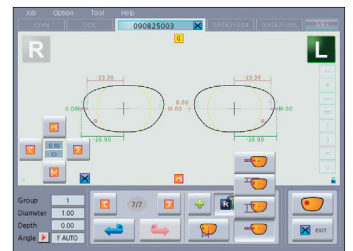
Experience the future with Excelon XD



Experience 'one step

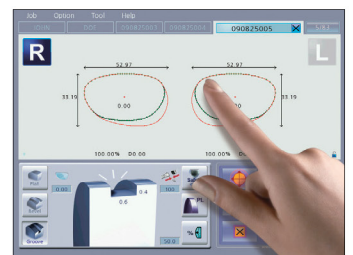
### Fast Hole Editing

Fast and easy hole editing functions with 'drag & drop option' offers you maximum work efficiency.



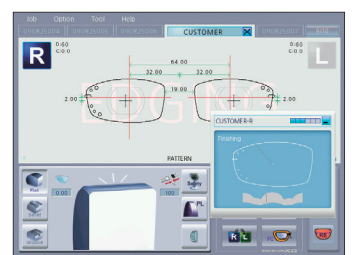
### Touch Screen

As a well known world pioneer of 'Digital Pattern' function, Huvitz offers you even more improved shape modification choices with drag & drop function on touch screen.



### Real-Time Edging Status Display

Edged sections, lens thicknesses, rotation etc, are displayed in 'real-time' during the edging process.

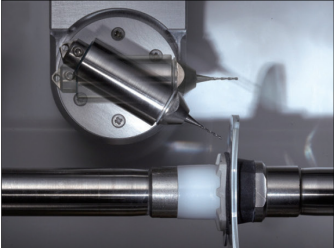




edging' in a user-friendly environment. Make use of the XD's powerful performance.

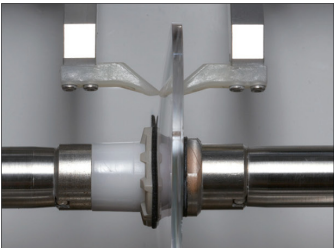
**30 Degree Tilting Drill**

Highly curved lenses and needing holes are supported with up to '30 degrees of tilting drill function'.



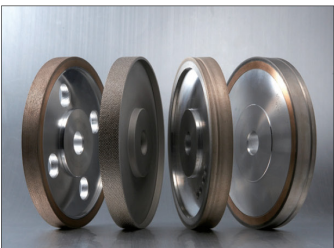
**Dual Side Feeler**

2 lens feelers come together to read the lens simultaneously from the front and rear sides, offering 50% faster lens reading.



**Bigger Wheels**

Bigger cutting wheels and 'direct drive motor system' offers you 30% faster cutting.



**Inside Edging Room Illumination**

Highly durable LED light makes easy observation of the edging process possible.



**LCD Tilting Function**

Operator's view angle is taken into account with the adjustable screen, to improve work efficiency. (standing / seated / tall / short )



**Automatic Edging Room Door**

Automatic door enables safer, faster and easier operation.

**1 Horse Power Direct Motor Drive**

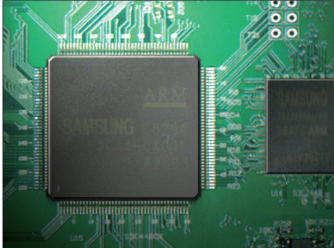
Direct motor drive offers powerful cutting and performance, reducing vibration and noise.

**Space Saving**

The compact tower design saves on work space. The Excelon XD is only 46.2cm deep.

**Dual CPU**

The world first dual 'CPU implementation' is another milestone of the Excelon series which offers you fully supported multi-tasking, allowing you to load and edit 'next job' during edging.



**SD Card Storage & Memory**

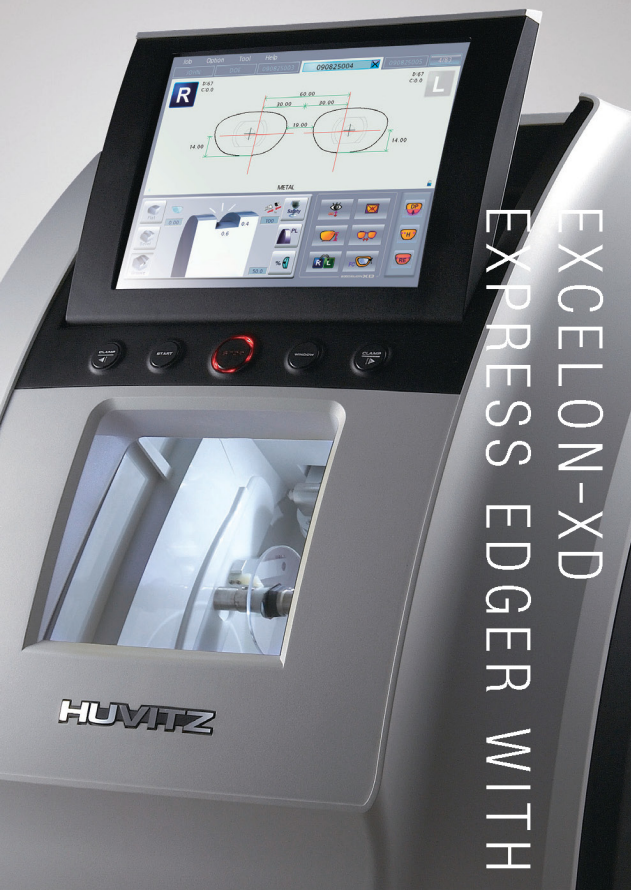
SD card implementation; means a new level of data management and compatibility. Industry leading and maximum data storage is possible, with full PC compatibility and data interchangeability.

\*With standard 1G SD card, the system permits you to store more than thousands of jobs.

**Multi Language Support In Menu**

As an industry leading manufacturer exporting to over 90 countries, Huvitz Excelon XD offers multi language menu options supporting; English, Spanish, French, German, Italian, Chinese, Portuguese, Russian, Korean, Turkish, Czech, and more.





EXCELON-XD  
EXPRESS EDGER WITH  
INTERGRATED DRILLING

## SPECIFICATION

Lens Material	Plastic, Polycarbonate, High Index Plastic, Glass, Trivex
Finishing Type	Beveling, Flat Edging, Grooving, Safety Beveling, Polishing, Drilling
Drilling	Size : 0.8mm or 1.0mm (Diameter) Tilting Scope : 0 ~ +30 Degrees Number of Holes / Hole Size : Unlimited Hole Type : Hole, Slot, Notch, Counterbore Hole Depth : 0.0 ~ 6.0mm (0.0mm = Through Hole) Hole Coordinates : x, y
Operation	Digital Pattern, Retouch
Utilities	LCD Tilting Function, Automatic Edging Room Door, Inside Edging Room illumination, SDCard Storage & Memory (Included), Bar Code Reader (Optional)
Display	10.4 Inch TFT Color Touch Display
Edging Size	Maximum Lens $\varnothing$ 90mm, Minimum Lens $\varnothing$ 18mm
Dimensions / Weight	540(W) x 462(D) x 597(H)mm / 55kg
Power Supply	AC 100-120V / AC 200-240V 50 / 60Hz
Power Consumption	1,200W(Maximum)

Designs and details can be changed without prior notice for the purposes of improvement.

## SYSTEM CONFIGURATIONS

### Excelon XD



Excelon XD + Auto Blocker



Excelon XD + Tracer + Semi Auto Blocker

### Excelon



Excelon + Auto Blocker



Excelon + Tracer + Semi Auto Blocker



Excelon + Tracer + Blocker

**Huvitz**

Huvitz Building 689-3, Geumjeong-dong  
Gunpo-si, Gyeonggi-do, 435-862, Korea

Tel : +82-31-442-8868

Fax : +82-31-477-8617

http : // www.huvitz.com

Distributed by