



**60.000**  
PRODUCTION CAPACITY



**43**  
PARTNERS WORLDWIDE



**100**  
EXPORT COUNTRIES



## GEMINI SA SEMI-AUTO DOUBLE MITRE SAW



Accurate, efficient user friendly and outstanding value...

See it in action: GEMINI V SA



<https://www.youtube.com/watch?v=luR4BeVj9cA&t=5s>

GEMINI IV SA

[https://www.youtube.com/watch?v=Z33WUY\\_4fuE](https://www.youtube.com/watch?v=Z33WUY_4fuE)

shutterstock.com • 1213282954

**3 CUT LENGTHS: 4000, 5000 and 6000mm**

**2 BLADE DIAMETERS: 450 and 550mm**

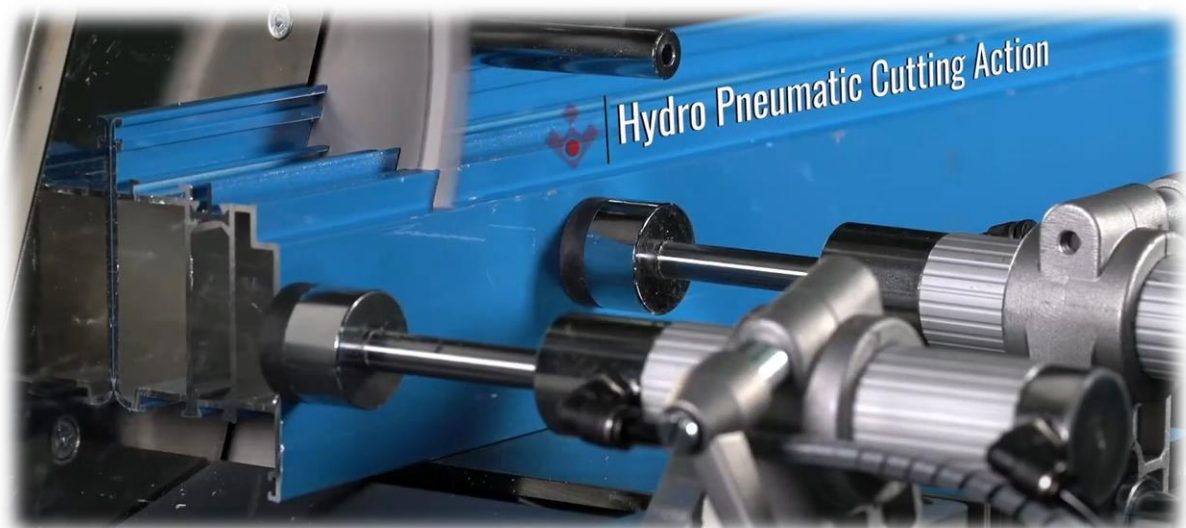


All features and product specifications  
subject to change without notice



## Key features

- Hydro-Pneumatic cutting action
- Work to internal or external dimensions of cut profile
- Electronically controlled X axis
- Rapid angle positioning of heads hydro-pneumatically at angles 45° and 90°, manual positioning at intermediate angles
- Secure cutting by the cover equipped with a safety sensor
- Industrial PC: Windows based touchscreen and easy to use practical interface
- Data transfer over remote network connection, Ethernet and USB
- Adjustable saw blade travel speed
- Ability to control saw blade travel distance
- Batch processing and precision cutting
- Process programming and large memory
- Batch profile slicing (auto feed and cut)
- Roller conveyor on moving head
- Automatic horizontal and vertical clamps
- Automatic size calculation for mould cutting
- Profile support



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## Cutting Precision starts here:

One-piece welded base  
Stability, perfect alignment,  
easy to move / relocate

Guide beams:

150 x 250mm with wide 780mm spacing.

Precision THK Guide rails:

Stable footprint with 650mm spacing

## 1555-1665kg



## The best drives and guides:

Head movement via rack and pinion and servo drives.

25 x 25mm Bevel cut pinion eliminates backlash.

Contactless, high accuracy  
Magnetic strip readout of cutting lengths.

Inverter electronic control



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## GEMINI SA SEMI-AUTO DOUBLE MITRE SAW

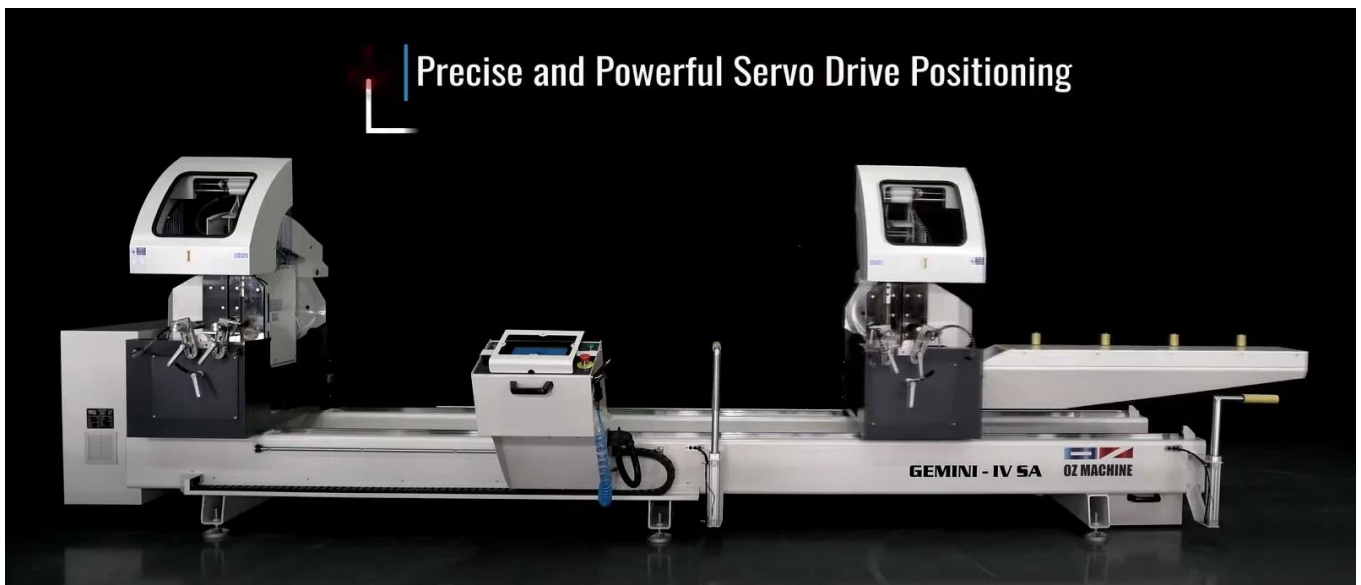


Auto recalibration of saw spacing on start-up.



## Intelligent and Versatile – length oversize function.

You can cut any length you like (up to double the bed length) using the overlength function.



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## GEMINI SA SEMI-AUTO DOUBLE MITRE SAW



### Saws: Solid, accurate, reliable

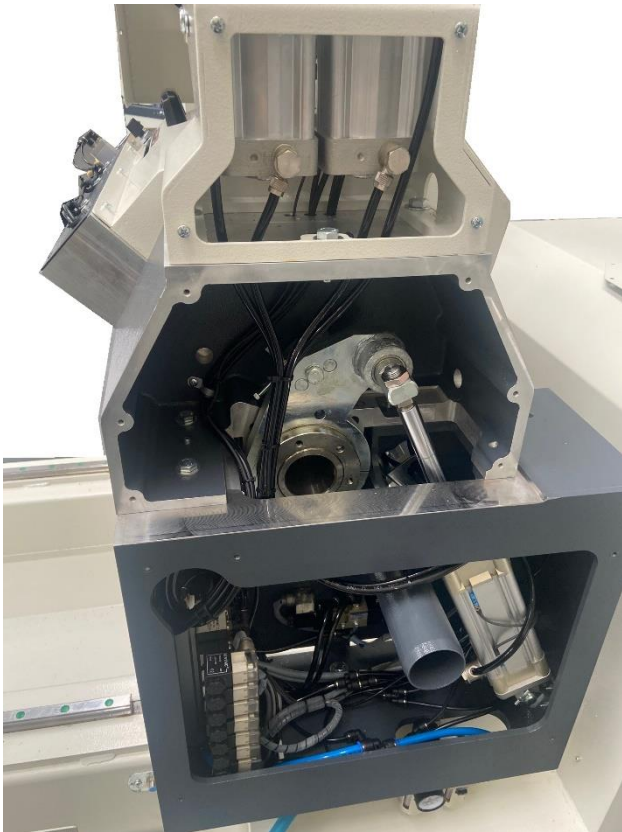
Single piece machined saw unit housing 30mm thick



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# GEMINI SA SEMI-AUTO DOUBLE MITRE SAW



Safe, reliable and constant 'air over oil' feed

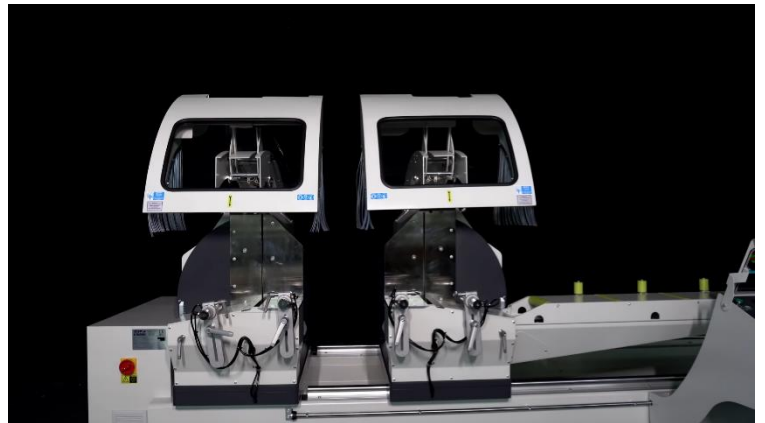
'Double acting cylinders – air in /out action not spring return

Auto mist spray lubrication

Multi section drive belts eliminate slippage under load.



**Effective and energy efficient motors.**



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## You're in control



## Rock solid clamping

6 auto clamps (4 horizontal, 2 vertical)

Adjustable height and entry angle

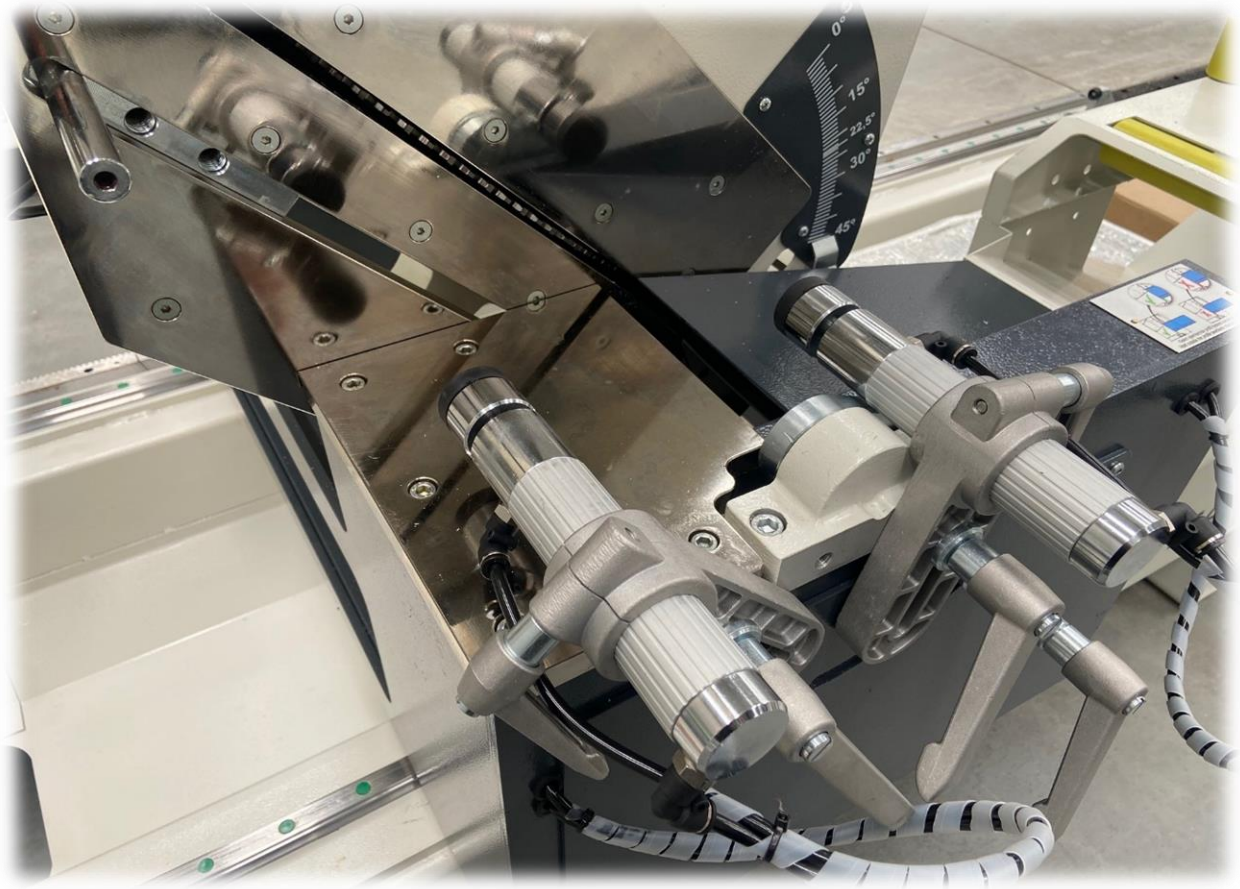
Adjustable clamping speed



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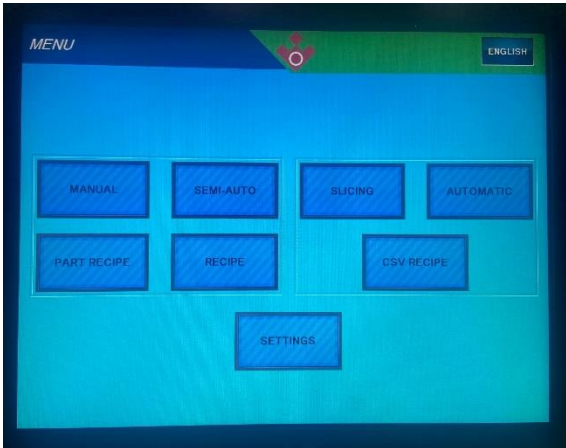
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# GEMINI SA SEMI-AUTO DOUBLE MITRE SAW



## Easy operation - high resolution Windows based Touchscreen

Manual, semi-auto and auto cycles.

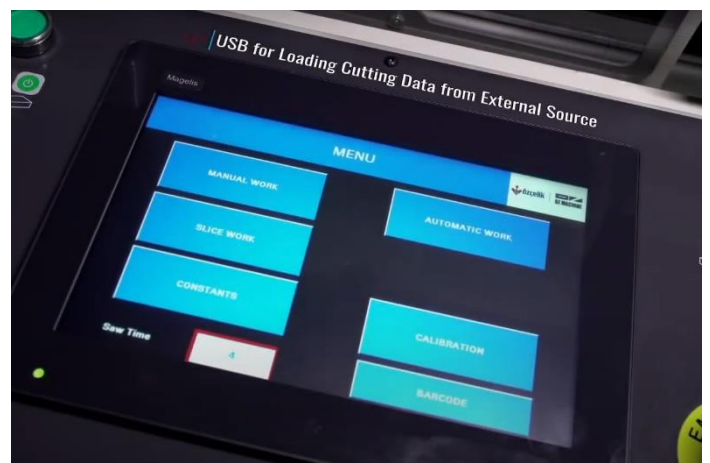
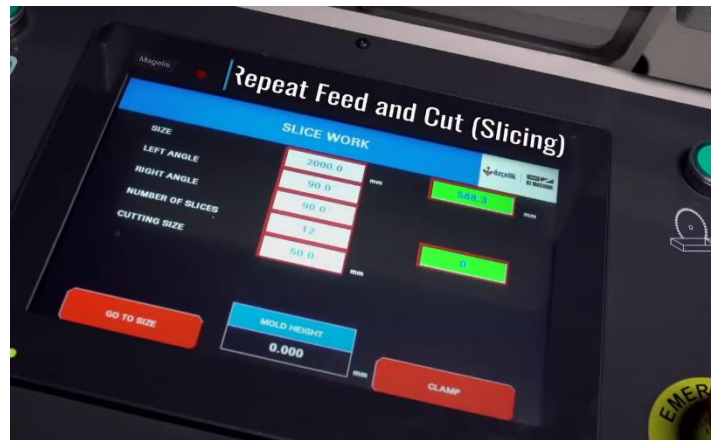
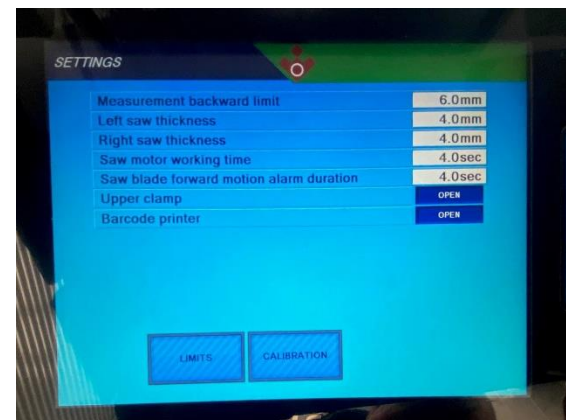
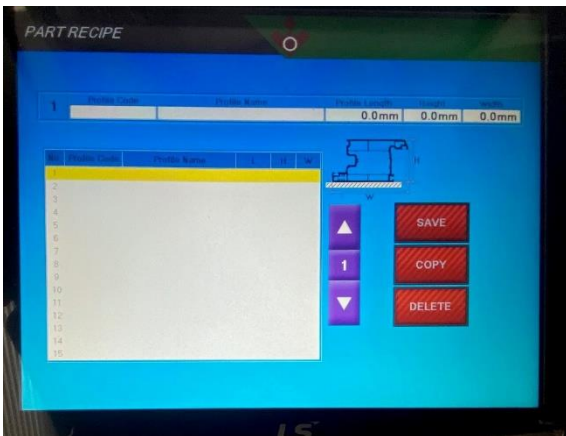
Create your own cutting list or import a list

Save profile lists and fixed cutting settings.

Repeat cutting (slicing)

Setting's – for fixed values like sawblade thickness

Prompts and warnings



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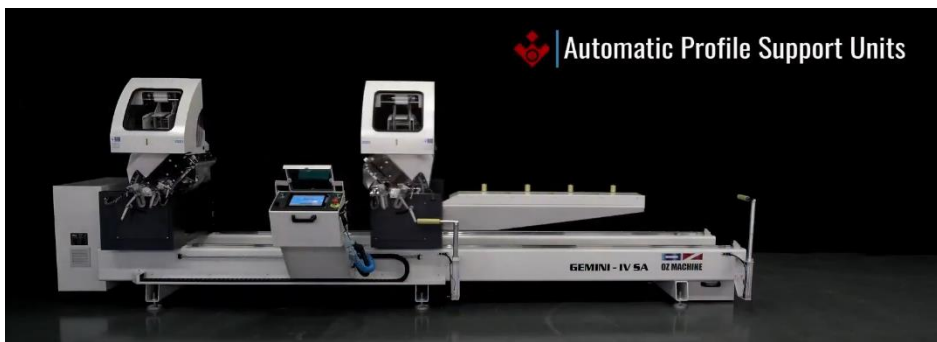
# GEMINI SA SEMI-AUTO DOUBLE MITRE SAW



Well supported.



**Twin 1500mm support tables are supplied >left and right  
( shown below with right hand only fitted)**



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# GEMINI SA SEMI-AUTO DOUBLE MITRE SAW

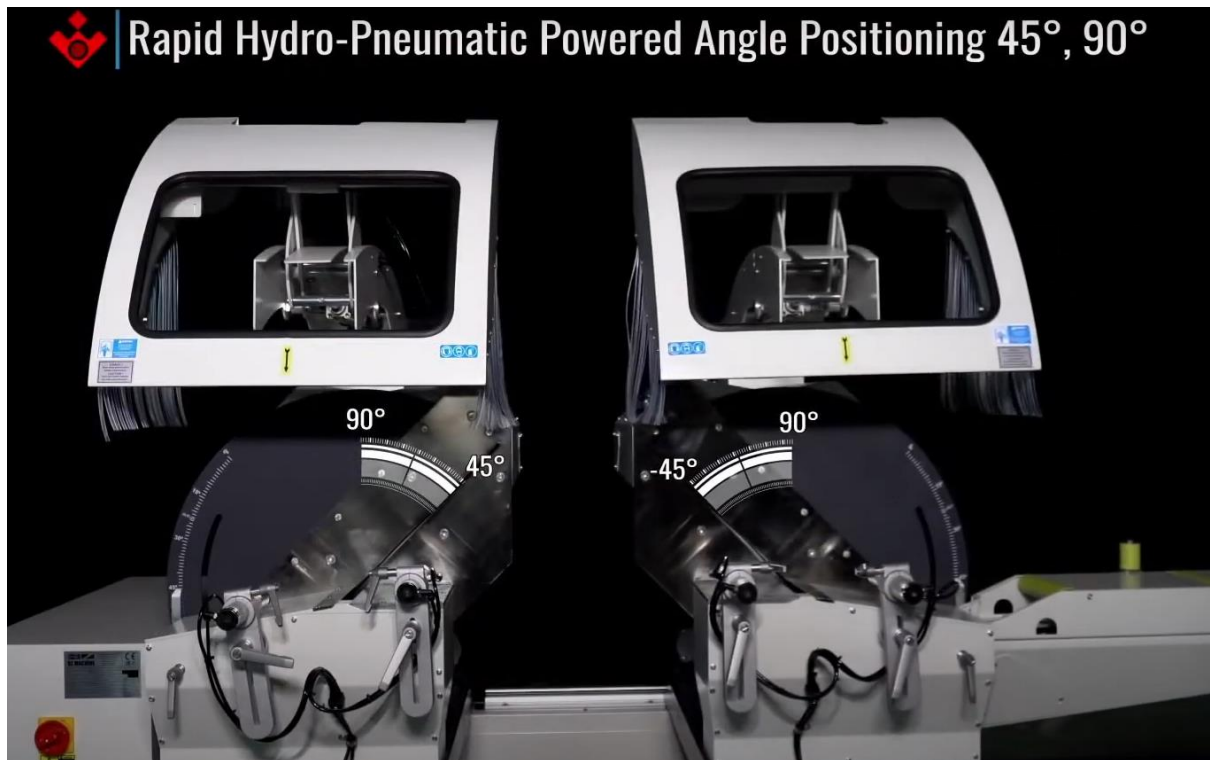


## Waste handling is efficient

Handy offcut waste discharge with 'pull out' collection bin. 60mm rear extraction ports.



## Easy to set. Easy to use.



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# GEMINI SA SEMI-AUTO DOUBLE MITRE SAW



Quick manual setting of any intermediate angles



## Safe and effective

Double button cut cycle activation. At hand Emergency stop and lockable main switch.



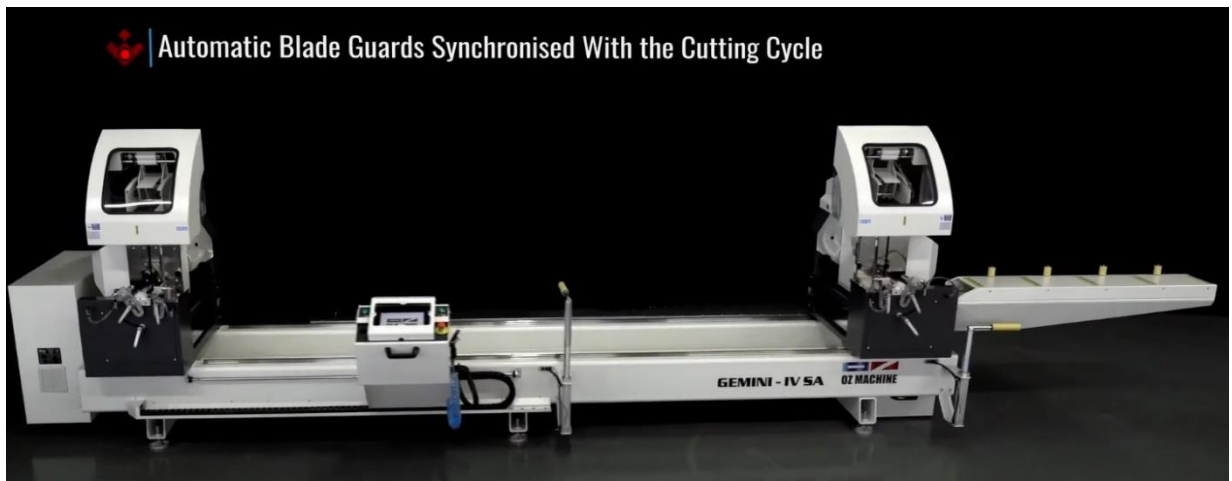
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# GEMINI SA SEMI-AUTO DOUBLE MITRE SAW



Screen can be repositioned along the frame to suit you and is angled for easy low glare and protected by a 'flip up' safety cover



## Cut component labelling – built in

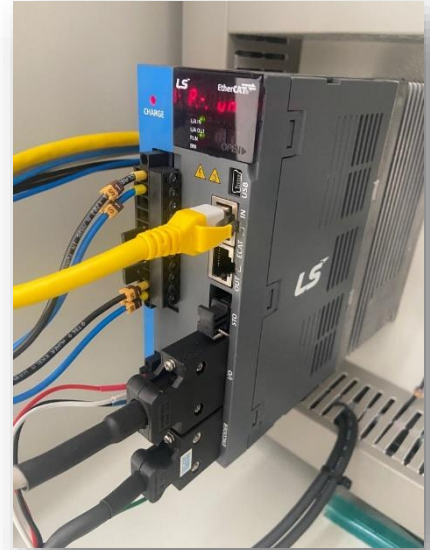


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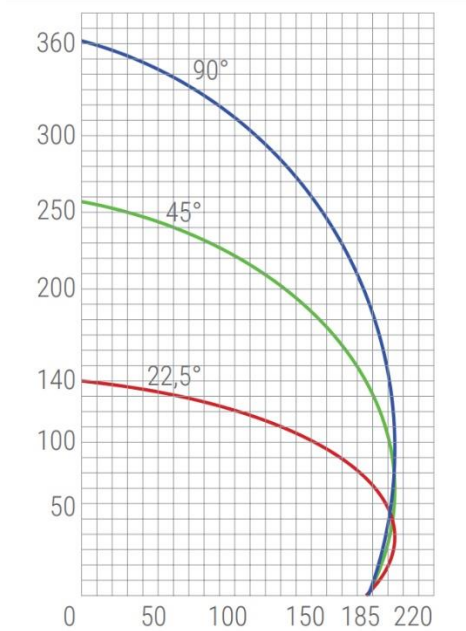




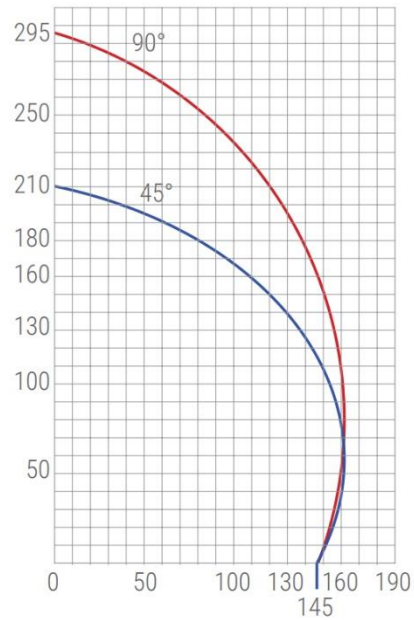
Quality electrics



**Gemini V**



**Gemini IV**



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# GEMINI SA SEMI-AUTO DOUBLE MITRE SAW



## Backup and Service for peace of mind



12-month comprehensive Warranty

Experienced Sales advice and after sales Service from LEDA

Spare parts inventory on-hand



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