

# Automatic Aluminium Saws



**profifeed**  
*technologies*



**Profifeed Technologies**

Majke Jugovica 25A  
Krusevac 37000  
SERBIA

P +381 3720 2722  
E [info@profistop.com](mailto:info@profistop.com)

[profifeedtech.com](http://profifeedtech.com)



### ProfiFeed Technologies EUROPE


Majke Jugovica 25A  
Krusevac 37000  
SERBIA

W | [profifeedtech.com](http://profifeedtech.com)  
T | +381 3720 2722  
E | [info@profistop.com](mailto:info@profistop.com)

ProfiFeed Technologies, founded in 2015, is a Euro-Australian industrial technology business with focus on **software-imagined circular saw automation**.

With products in 100+ countries around the World, we design and make both simple and high-performance cutting automation **solutions to supercharge your production**, whether you are a one-person business or a large manufacturing enterprise.

 CE machine design with high safety

 EUR1 free trade certificate on all products

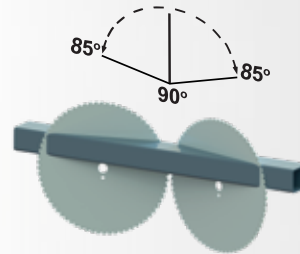
 Made in Serbia - Worldwide Distribution

# X45 Automatic Aluminium Up-Cut Saw

Upgrade your aluminium production to a high-technology, high-efficiency, high-safety saw.

X45 is an advanced high-accuracy up-cut saw for small-profile cutting of straight or mitered aluminium parts up to  $\pm 85^\circ$ . Two-hand button-press cutting with full saw guarding (including tunnels on each side) preventing access to the cutting area. Category 3 safety design with a dual-channel safety relay and a reset button. Electronically settable up-stroke point to any position (without a sensor) for shortest cutting distance.

Advanced chip collection design with up to 94% chip collection efficiency and up to 8 $\times$  less chips to clean from your saw / floor compared to traditional saws.



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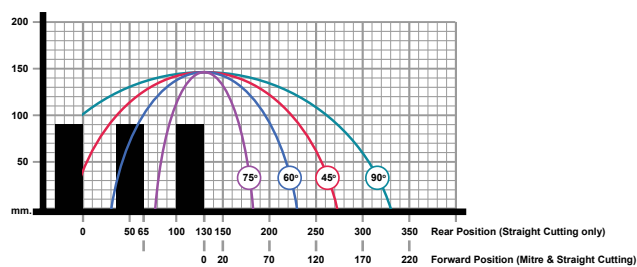
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- Ø450 mm TCT saw blade with powerful 3.0 kW drive motor
- Ergonomic usage design with blade changed from the front of the machine
- AS / NZS 4024:2014 Category 3 safety standard, with safety relay and two-hand cut operation
- Overhead safety guards with safety tunnels 900 mm each side of the saw
- Safety guard liftable on a press of a button for unimpeded saw table access
- Safety switch disabling the saw operation on guard up
- Electronic lockout of the blade / machinery panels preventing access to rotating assemblies also during spin-down.
- Safety switch detection of opening of the access panels triggering an e-stop.
- 2x vertical and 2x horizontal clamps with adjustable clamp pressures.
- Adjustable saw mitre angle to  $\pm 85^\circ$
- Moveable back fence for increased cutting capacity
- Spray-mist blade lubrication system
- Air gun and LED interior light
- 2x Ø100 mm points for chip collection
- Optional 3.8 kW vacuum chip extractor



230 / 400V 3-phase, 15A max    3 kW    2890 RPM    450 / 30 mm    66 m/s



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