profistop lazer

Majke Jugovica 25A Krusevac 37000 SERBIA
+381 3720 2722
info@profistop.com
www.profifeedtech.com

MADE IN EUROPE

profistop lazer

MADE IN EUROPE

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.

ProfiFeed Technologies EUROPE

Majke Jugovica 25A
Krusevac 37000
SERBIA

W | profifeedtech.com
T | +381 3720 2722
E | info@profistop.com

SERBIA

- CE machine design with high safety
- EUR1 free trade certificate on all products
- Made in Serbia - Worldwide Distribution

profistop lazer

ProfiStop Lazer is a simple, no frills saw measurement solution for light-duty industrial applications. High speed, high accuracy cutting production cut, after cut, after cut.

Simple to use | Designed to require minimal user inputs for high cutting productivity.

High-accuracy | Advanced positioning control system with a lifetime accuracy guarantee.

High value-adding | An inexpensive value-packed system ready to transform your cutting.

- Fast and high-accuracy automatic servo motor cut measuring
- Simple to use and setup, compatible with most saws / drills
- Light duty 10-20 kg recommended material weight
- Ideal for aluminium, softwood or light steel
- Automated and streamlined jobs management
- Label printing and bar-code / QR code jobs input (optional)
- Jobbing integration to your ERP system (optional)

Ideal For

- Blinds and shades manufacture
- Windows and doors manufacture
- Light steel manufacture
- Kitchens and wardrobes
- Security doors and windows

Can be used with all your existing saws including:

- Mitre drop saws
- Industrial drop saws
- Guarded up-cut saws
- Radial arm saws
- Drills and presses

profistop lazer

Your ProfiStop Lazer can come with
one of our two user / data interface options:

Basic Software

Simple, num-pad style interface with enter-the-length and go-to-position functions. It is just a no-frills, simple-to-use machine which you can intuitively start to use in seconds. Suitable for use with your existing printed cut lists, where you get the benefit of automating the saw measuring but continue to manage all your production data the same way you do now.

Optimiser Software

An advanced user and data interface designed for importing your cut lists remotely (over WIFI) and the machine optimising your cut lists for cutting so that the waste material of your production is minimal. Optimisation step being done at the machine is a key process improvement as it eliminates the need to make complicated layouts which your operator must follow in exact order. You can very easily optimise and cut any material you have lying around including your offcuts without needing to have any management system for them. For businesses who want to streamline their production using IT and advanced data functions.

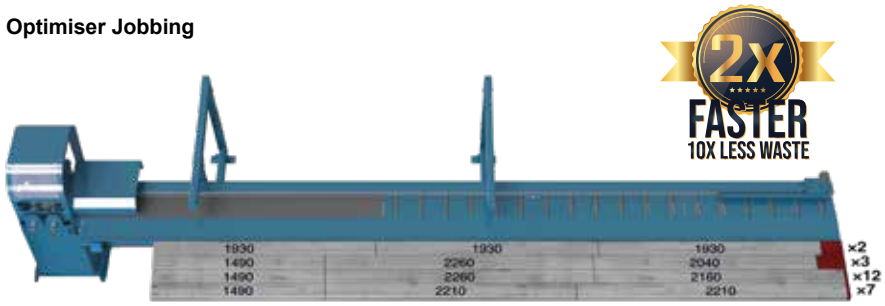
MADE IN EUROPE

profistop lazer

ProfiStop Optimiser Jobbing

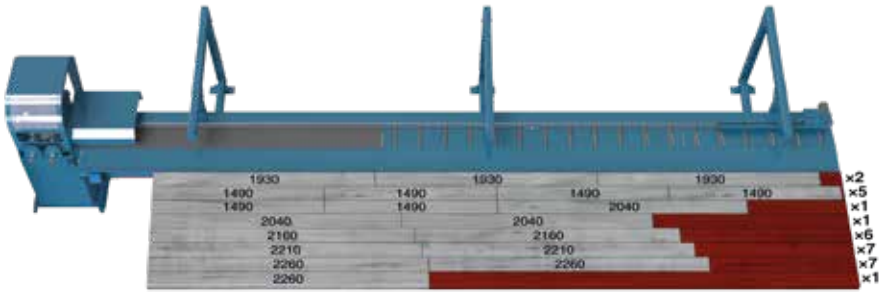
For every piece of material you place down to cut, no matter what length, a laser sensor can measure its length. Our powerful optimisation algorhithm then takes your cut list and calculates the best order of parts to cut from this material so that wastage is minimised.

Optimiser Jobbing



Total Parts: 72
Material required: 144 m
Material waste: 2.1%
Cutting time: 22 mins

FIFO Jobbing



Total Parts: 72
Material required: 180 m
Material waste: 21.7%
Cutting time: 43 mins

Save $$

You spend a lot on material and chances are it is the biggest expense in your production. An optimiser run production will result in significant material cost savings in comparison to typical first-in cutting.

Powerful algorithm

Our inline optimiser with a cut list containing a mix of long and short parts will produce 99%+ yield most of the runs, even with cut lists containing not many individual parts.

Zero hassle optimisation

No need to run any optimiser from the office, print dozens of pages, or pay attention to putting the profiles in the “right” order. Just send the Excel cut list to the machine, and put in your material to cut, of any length, in any order.

Use up offcuts easily

No more measuring and recording your offcuts for the office. Just return them into stock, and put them through the machine at the start of the next job.

Get something for nothing

Your material typically comes with extra 20-60 mm on each length you buy. With inline optimiser, this will automatically be used up to produce your parts, and without you needing to do any extra work.

Optimise ad-hoc cut lists

Our system allows you to optimise both complex Excel-prepared cut lists, as well as ad-hoc cut lists you just think up, easily and quickly.

MADE IN EUROPE

profistop lazer

Signs You Need ProfiStop Automation

Are you so busy you have to decline work?

Do you have two, three or five saws in your production?

Do you find parts don't fit right on-site?

Is your best worker occupied with cutting?

Do you have large, complex projects with strict delivery times?

Are you constantly working in your production but projects still come together slow?

Do you feel your production work is like doing chores?

Do you have a junior employee tasked with cutting out parts from offcuts?

Do you have many productivity ideas but no time to progress them?

Are you burned out trying to juggle many things?

Are you constantly busy, but struggling to progress profits?

Why ProfiStop Automation?

Exceptional ROI
Most users find that their automated ProfiStop® machines pay for themselves in under a year.

High accuracy and productivity
Our machines are high-productivity automation solutions for cutting, producing the parts you need consistently, and every time.

IT focussed production
In 2023 manufacturing is about data. Our machines are designed around IT and process solutions to supercharge your productivity far beyond mechanical automation.

Industry leading support
Our technical support is regularly rated the best in the business by our Customers. We are available to assist you no matter where in the World you are 24/7.

Unmatched expertise
We can assist you with any problem effectively and in minutes. Our IT and machine expertise is high because Engineers you speak to are the same people that design and build your machines.

Get more done, with less
ProfiStop automation is the key step in transformation of your production foundations from labour reliant, to productivity based.

Big picture focus
We make the World where your people produce like machines, without working like machines.

MADE IN EUROPE

profistop lazer

> Just a quick word on how much we enjoy using our PROFISTOP. The time saved is enormous and the square end is so accurate we can use it with packs of loose slat. Thoroughly recommend it to any business with a bench saw.

Keith Webber
Director
QLD Roller Shutters QLD VIC
AUSTRALIA

profistop lazer

What are the Differences?

Hardware	ProfiStop Lazer	ProfiStop Alpha	ProfiStop Omicron
Duty Load	Light	Medium	Heavy
Recommended Material Weight *	10 - 20 kg	20 - 40 kg	120 - 400 kg
Positioning Repeatability	±0.25 mm	±0.1 mm	±0.25 mm

Software	Basic	Optimiser
Jog Left / Right	Yes	Yes
Cuts Counting	Yes - Manual	Yes - Automatic
Auto Adhesive Labels Printing	Yes - Optional	Yes - Optional
Barcode Scan Jobs Input	Yes	Yes
Pin Protected Setup	Yes	Yes
Minimum Length Setup	Yes	Yes
Machine Status Display	Yes	Yes
Current Position Display	Yes	Yes
Current Time Display	Yes	Yes
Increment Feeding Left / Right (On Operator Press)	No	Yes
Feeding Blade Kerf Compensation	No	Yes
Multi-Machine Rapid Configuration Change	No	Yes
Excel Job Lists Input	No	Yes
Line or Bill-of-Material (BOM) Job Lists	No	Yes
Drag-and-Drop or E-mail Job Lists	No	Yes
On-Screen Edit, Delete, New Job Create	No	Yes
Job Lists Optimisation	No	Yes
Bundled Parts Counting and Quantity Optimisation	No	Yes
Material Auto-Feeding (On Manual Press)	No	Yes
Part Finished / Next Part Alert	No	Yes
Blade Change Alert	No	Yes
Safety Switch Motion Disable	No	Yes

* The recommended weight is for measuring stop usage only and is also dependent on tables and saw configuration.

ProfiStop Lazer | Technical Specifications

Length (m)	**1.5**	**3**	**4.5**	**6**
Stroke (mm)	1174	2674	4174	5674
Dimensions (mm)	1500x1186x588	3000×1186×588	4500x1186x588	6000x1186x588
Table Height (mm)	760-1050	760-1050	760-1050	760-1050
Weight (kg, incl. table)	62	97	141	170
Table Width (mm)	300	300	300	300
Roller Width (mm)	210	210	210	210
Speed (mm/s)	348	348	348	348
Acceleration (mm/s²)	232	232	232	232
Deceleration (mm/s²)	154	154	154	154
Recommended Material Weight (kg)	10-20	10-20	10-20	10-20
Attachment Mount	Flip-type			
Drive	Belt, 20 mm, steel reinforced			
Power input	110 - 240VAC, 6.5A max			
Positioning Repeatability	±0.25 mm active closed-loop positioning control			
Certifications	CE FCC			
Country of Manufacture	AUSTRALIA and SERBIA			