

TSL HEAVY DUTY Automated Stop and Programmable Pusher



HEAVY DUTY Automated Stop TSL and Programmable Pusher



Fully automatic and accurate programmable stop or feed positioning system.

Easy and quick to mount on every machine in the wood, pvc, aluminium and metal industry.

Applications

The TSL can be fitted on your existing machines using your current tables or TigerStop table. And can be connected to almost any sawing, drilling or milling, or other machine.

Advantage

TigerStop reduces costly errors, increases productivity, improves quality, eliminates stop set-up times giving a fast payback with reliability.

Simple to use

After keying in the required length and pressing the start button on the keyboard, the well designed, solidly constructed trolley moves at speed to the required position.

Semi-automatic

Combined with a DM switch the TSL can function in semi-automatic mode. After keying in or loading a list the material is placed on the table. Press Start once and the trolley will move forward and stop just behind the material. Press start again and the material will be push-fed into machining position. After completion of the machining cycle the trolley will move forward successively at each button press until the material is exhausted or the cutting list is empty. If the material is exhausted the trolley will move back to the loading position waiting for a new start signal.

Automatic

Thanks to the "Tiger Automatic Cycle" system, the TSL can function completely automatically. This works the same as the semi-automatic cycle with the added feature of having a switch inside your saw telling the TSL when to move forward. This way all one has to do is load the material and press the start button once to see a whole beam being machined (sawed, drilled...) and moving forward automatically.

A computer stand and several accessories for optimising your workflow are available.

Tables

In-feed and out-feed tables with rollers for stop applications or flat top friction tables for push feed applications are available for each TigerStop working length.



TigerStop BV

Postbus 11

NL 7640 AA Wierden

Nederland

User Friendly

The dustproof keyboard is very accessible and easy to operate. Operator training for basic operation usually takes minutes.

Standard TigerStop

- Stop and push feed function
- Automatic push feed cycle
- Memory capacity for 99 hotkey positions
- Memory for 99 cut-lists as stop or pusher
- Saw kerf compensation
- Increment function
- Zero point corrections
- Programmable head and tail cut
- Adjustable speed acceleration and deceleration
- Built in calculator
- Mounting left and/or right side

Upgrades

- Fully automatic cycle with 24Volt DC I/O
- Serial interface RS 232
- Remote entry of cutting patterns and lists
- Optimising
- Label printer and barcode reader
- Software extensions for PC control

Add-on Packages

Optimisation software for timber packages of different lengths. Defect detecting and optimisation system for single boards of varying lengths containing defects. Multi-tool processing systems for applications where there is more than one tool in use, e.g. crosscutting and notching, or drilling and notching.

Security

Of course TigerStop is complying to the CE security norms. Next to an integrated emergency stop it has a DM function which stops the machine from advancing when the tool it is fixed to is in use.

TSL Specification

Total length:	: From 2 to 24 metres with section from either 1 or 2m length
Working lengths	: 1.2 to 23.2 metres
Profile dimensions	: 180 mm high
Voltage	: 220 Volt 50Hz
Power	: 1,1kW DC Servo
Positioning speed	: Max 40 m/min
Screen	: 4 lines LCD
Repeatability	: 0,3mm
Moving power	: up to 400Kg
Programs	: 100 cutting or drill patterns or 100 memory positions

Tel: +31 546 57 51 71

Fax: +31 546 57 77 22

info@tigerstop.nl

www.tigerstop.eu