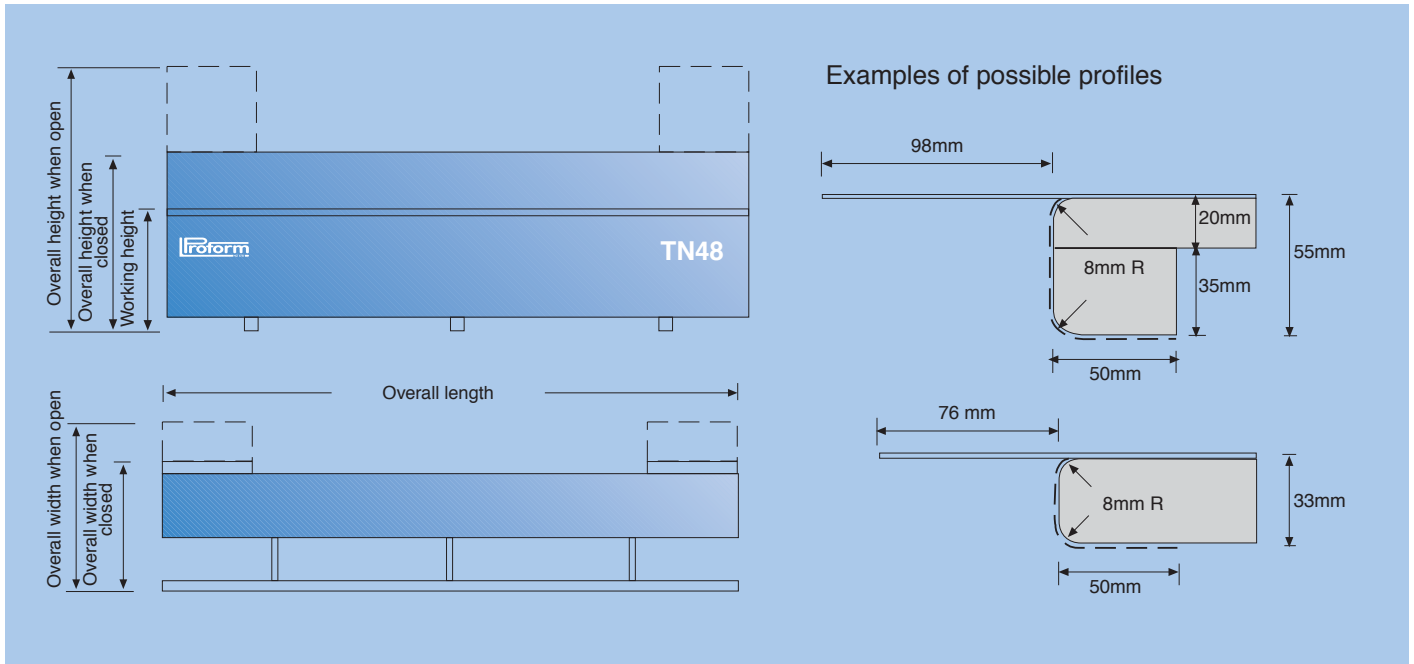


- Fully automatic operation with manual option for setup procedures
- Variable speed electronic line control with digital readout
- Electronically controlled PVAC glue application
- High performance rapid response heating elements with adjustable temperature control
- Quick-change variable profile forming assemblies
- Twin laminate trimming stations, featuring high speed synchronous induction motors and integrated dust extraction system

Specifications

Model: **TN48**



Machine Specifications

Length (excluding conveyor tables) 4800 mm
Standard conveyor table length (each) 3000 mm

Height (hoods open) 2100 mm
Height (hoods closed) 1340 mm

Width (hoods open) 1385 mm
Width (hoods closed) 1085 mm

Working height 920 mm

Weight 2100 kg

Feed Rate (metres/minute) 3-12 m/m

Electrical

Supply 415/50/3
+ Neutral 40 amp

Control Voltage 24v DC

Maximum Connect Load 25kW

Air Supply 7 bar, 100 psi

Dust Extraction Outlet 100 mm diameter

Working Dimensions

Work piece thickness 10-55 mm

Work piece width (minimum) 180 mm

Work piece length (minimum) 200 mm

Height of built-up edge (maximum) 35 mm

Width of built-up edge 50 mm

Laminate overhang (maximum) 110 mm

Maximum laminate thickness 1.0 mm

Minimum forming radius 5.0 mm

(Minimum radius approximately 10x laminate thickness, depending on laminate)

Notes

(1) Dimensions above are standard but customised machines available on request.

(2) Specifications are subject to change.

Supplied and Serviced by:

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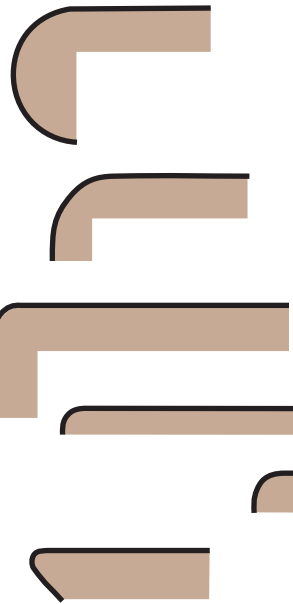
Control Console



Space saving swivel mounted control console. User friendly console layout, with integrated operator interface.

On-Screen status display with sub-menus for control of additional adjustable features.

Profile Example



Laminate Trimming Station

Laminate overhang trimming station with simple single axis adjustment.

The high speed induction motor fitted with a 60mm diameter tool is fully enclosed in the collection box with viewing window and 50mm diameter outlet port.



Infrared Heater Bank



Four infrared heating banks control for thermic preparation of glue coated substrate.

Power saving Standby Mode

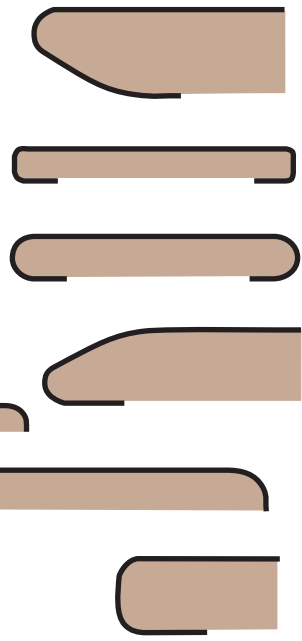
Glue Station



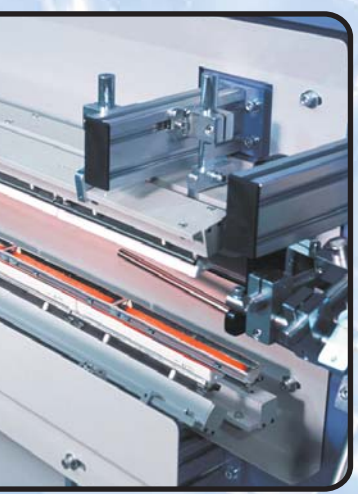
Full directional adjustment of spray nozzles for precise and even application of PVAC glue.

Pneumatic and electronic control.

es

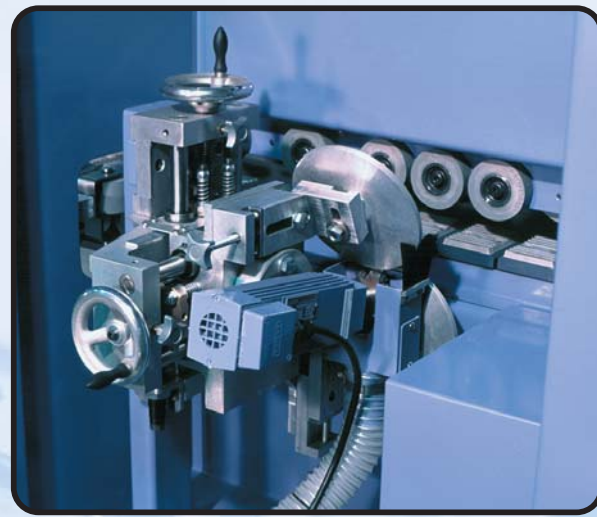


anks



ensure precise temperature
on of both laminate and

Trimming Station



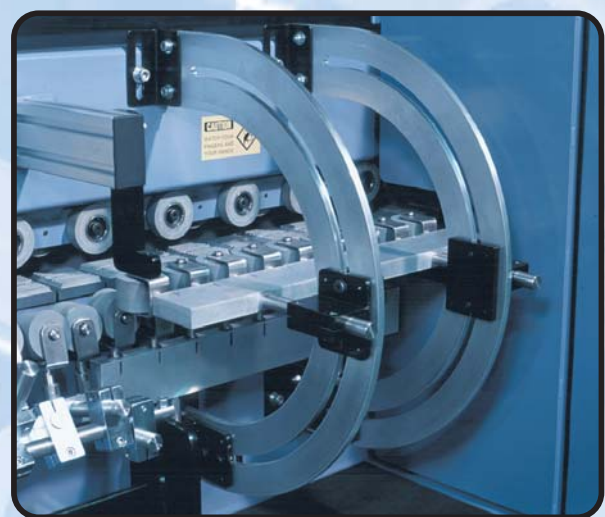
Laminate trimming station for flush trimming of 90... profiles with simple twin axis adjustment.

High speed induction motor fitted with an enclosed 60mm diameter tool and a 50mm diameter outlet port.

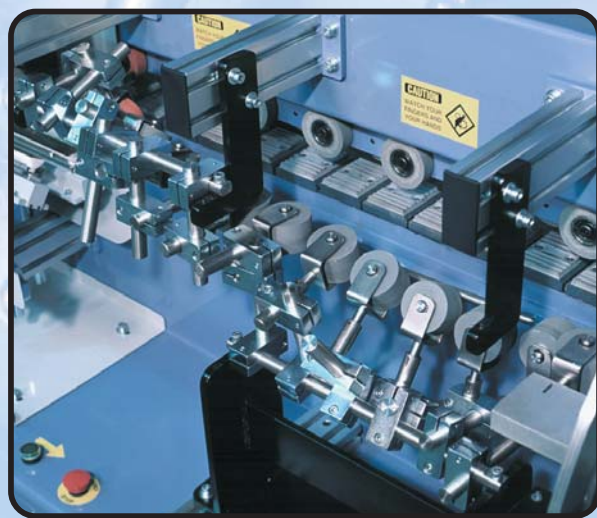
Secondary Forming Station

The secondary station (for the cooling process) presses the flat portions of the profile via the in-line pressure bars.

The pressure bars can be either withdrawn or rotated if necessary although the innovative "C" design means adjustment of this station is often not required.



Primary Forming Station



The TN48 features two pressure rolling areas to achieve the desired profile.

The primary station (with the assistance of a laminate guide rod) form the laminate around the profile and a simple interchange system allows rapid changeover from 90... to 180... - shark nose to duck nose etc.