Roof ☐
Wall ■
Floor ☐
Sawing ☐
Timber Jointing ☐
Production Tools ☐

Pryda AutoWall

- Automated nailing system that moves and nails in one seamless process
- Efficient single operator system
- Full clamping and sensing of product prior to nailing
- Suits medium to high volume wall frame plants
- Locally designed & built specifically to suit Australian & New Zealand processes
- Easily integrates with Pryda's range of ancillary wall framing equipment

Pryda AutoWall

Pryda's automated wall frame unit was the first of its kind developed for the Australian and New Zealand market. Available since the late 1990s, it was originally developed to suit fabricator requests for a faster, more efficient method of producing wall frames. Since this time, the AutoWall has been redesigned to suit changing market requirements.

The AutoWall uses synchronised servo drive control to move the top and bottom plates to their correct positions. The use of drive wheels and the constant contact clamping ensures the plates are positioned without the operator checking for position against standard "pusher stops". It also means that there is no lost time in waiting for the pushers to return to their next position before starting the next wall frame. This also means that the maximum length of wall frame that can be produced could be almost limitless.

The AutoWall operates directly from file downloads that are available from Pryda's design software packages.

Using four fixed nailing tools, the productivity of the AutoWall is not delayed in the nailing tools needing to height-adjust for the required nailing patterns. Setting of tool positions between 70 & 90mm is as quick as flicking a switch on the operator's control console.

Wall height adjustment is effortless and as easy as a push of the button – the motorised drive does the rest! The AutoWall incorporates an integral air receiver to provide continued air supply to the machine and a fast clamping & firing sequence. The nailing tools can be quickly and easily isolated on the operator's control console.

SPECIFICATIONS

	Dimensions		
Overall dimensions (std unit)	- width (overall)	mm	5100
	- depth (overall)	mm	1850
	- height (overall)	mm	1300
Working height (std)		mm	820
Wall height range (std unit)		mm	1500 to 3650
Wall length range (std unit)		mm	800 to 6000+
Wall thickness (max.)		mm	140
Weight (approx)		kg	985
Installation requirements			
Power			415V, 3ph. 20 amps (5-wire)
Air			10 cfm @ 100 psi
Data			Network connection for job transfer
Foundation			125mm level, sound concrete in both directions

RELATED EQUIPMENT

- Infeed & outfeed roller conveyors
- Sub-component nailer
- Sub-component transfer system
- Component assembly bench
- Component transfer system
- Top plate nailer
- Tilt table
- Automated squaring table
- Finish table with materials handling
- Automated wall frame stacker
- Material and product handling trolleys

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