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Genesis X3 Plus

Videos

Video (<https://youtu.be/jLlkbV6xGkY>)

The Genesis 'X' series of sliding table panel saws must be one of the finest machines available on the market with every part of the machine designed for a purpose as opposed to a price. The structure of the machine and the construction are designed to withstand even the most demanding of cutting requirements with the frames being manufactured from heavy gauge steel which is laser cut and finger jointed ensuring strength and accuracy for the long term. Additional torsion bars are fitted to the base of the machine, again ensuring a structurally sound rigid base and frame, eliminating the possibility of flexing during operation and ensuring accurate and chip free cutting.

This is the flagship of the Genesis range of sliding table panel saws (<http://www.genisismachinery.com/item/x3-plus/#>) weighing in at an almighty 1,144kg. The machine is equipped with motorised adjustments to the main blade and scorer and also has a generous 1500mm motorised rip fence with automatic dimensional correction when the blade is tilted. All operating elements are conveniently mounted in an overhead control panel which incorporates a colour touch screen controller which offers memory retention for cutting lists and the ability to calculate the exact setting for the fences when the blade is working on an angle, i.e. it is possible to work off the top or the bottom dimension with the blade tilted.

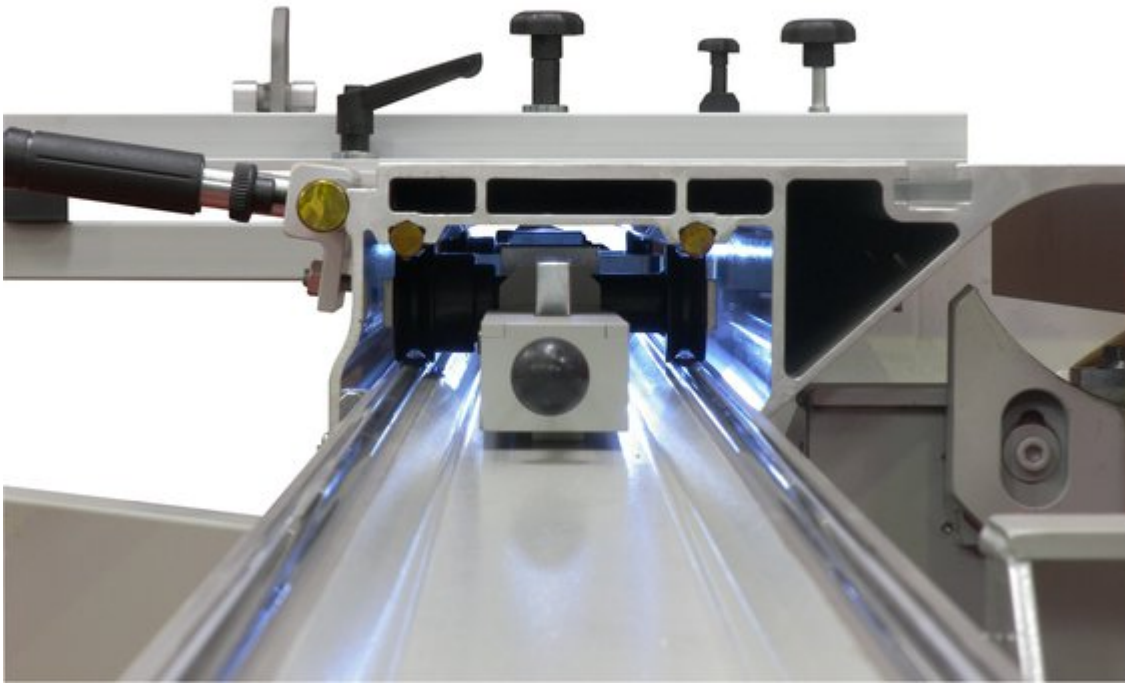
Details

- 3200 mm sliding table of multi chamber construction running on solid and hardened steel runners with large diameter 'dumb bell rollers' to ensure an easy gliding motion.
- Colour touch screen controller mounted in an overhead safety panel which offers;
 1. Motorised raise and lower of the saw blade with digital display
 2. Motorised tilting of the saw blades with digital display
 3. Motorised raise lower and lateral movement of the scorer with digital display
 4. Motorised movement of the 1500mm rip fence
 5. Memory storage for up to 300 programs
 6. Auto correction of rip fence when blade is tilted
 7. Possibility of working on the inside or outside dimension when blade is tilted
 8. Sawblade storage data, diameter and kerf with auto correction
- Powerful 5.5 Kw (7.5Hp) motor
- 4 blade speeds by easily accessible manual belt change
- Independent scoring saw
- Heavy duty, large section crosscut fence, telescopic with flat scales for ease of use.
- Quick release of cross cut fence for cutting solid wood or ripping larger panels.
- 2 x heavy duty flip stops, the action in a self lubricating bush to ensure long term accuracy.
- Self supported over head safety guard for better dust extraction and to allow possibility of grooving
- Maximum blade size 400mm diameter
- Maximum depth of cut 125mm
- Machine supplied with separate angle cutting fence

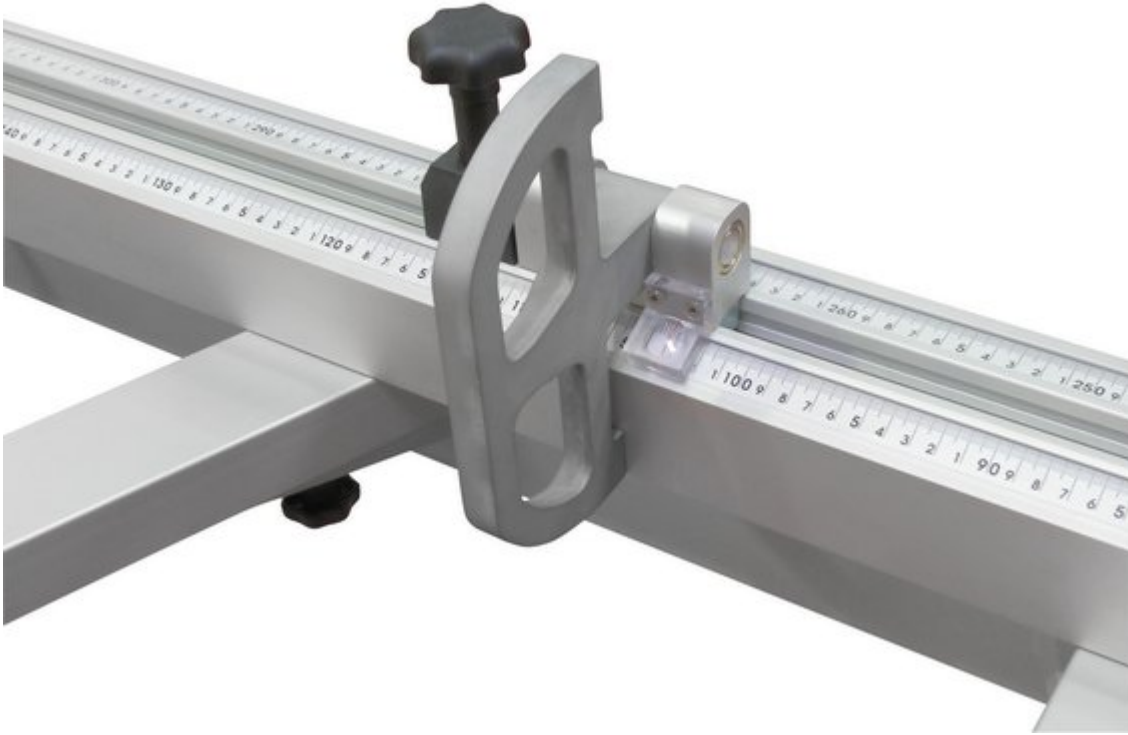
Specification

Main saw blade diameter max.	Ø 400 mm
Max. cutting height with blade at 90°	125 mm
Max. cutting height with blade at 45°	88 mm
Rectified cast iron fixed table dimension	620 x 1125 mm
Main blade speed	3000 / 4000 / 5000 / 6000 rpm
Touch screen	5.7" STN colour
Sliding table length	380 x 3200 mm
Main saw bore	Ø 30 mm
Main motor power	7.5HP (5.5KW)
Scoring saw blade	Ø 120 mm
Scoring motor power	1HP (0.75KW)
Scoring blade speed	8000 RPM
Cutting width	1500 mm
Saw table extension	800 mm
Cross cut fence manual movement	
With Mitre fence	

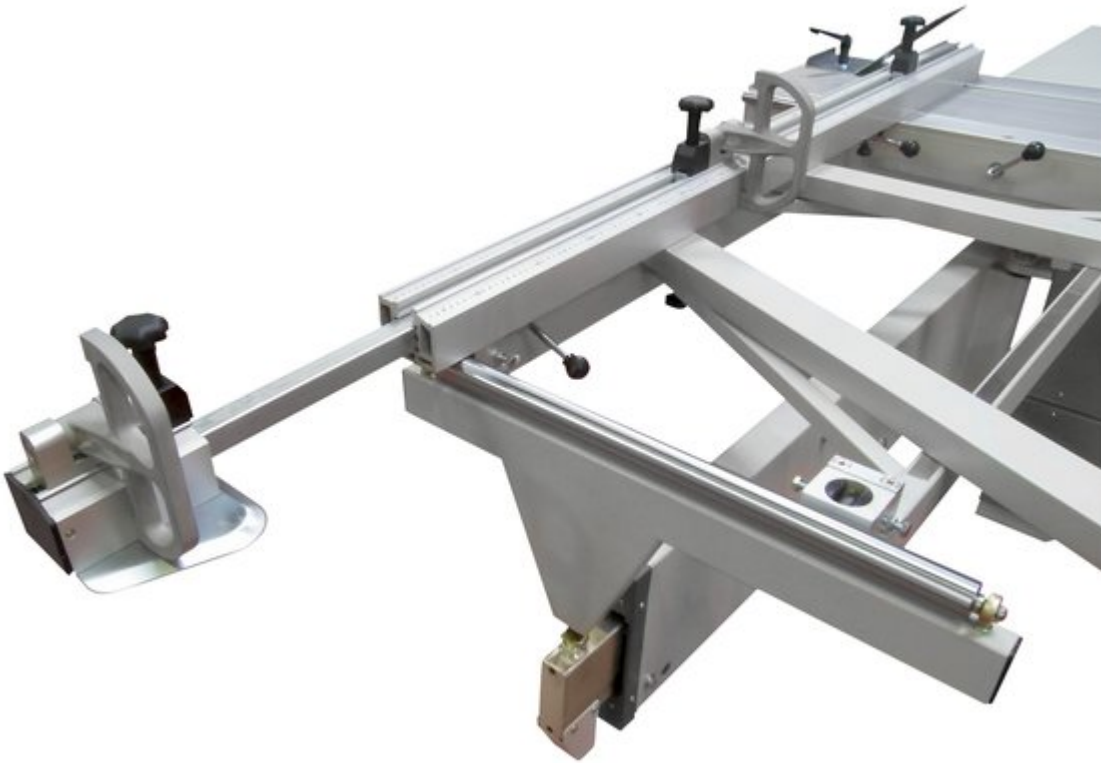
CNC control for cutting width adjustment	
CNC control for blade tilting adjustment	
CNC control for main saw height adjustment	
Motorized for scoring saw height adjustment	
Motorized for scoring + / - direction adjustment	
With Luxurious Overhead saw guard	
With Safety bar	
With hanging type control panel	
With tool frame	
With Clamping shoe	
Max 300 set Memory capacity program	
Main channel dust collection	Ø 125 mm
Lux saw guard dust collection	Ø 75 mm
Packing size	2270 x1300 x 1100 mm + 3330 x 470 x 330 mm + 2210 x 390 x 360 mm
N.W / G.W.	878 kg / 1050 kg + 187 kg / 247 kg + 59 kg / 78 kg



Heavy duty sliding table of multi chamber construction using solid hardened and chromed steel guides with large diameter 'dumb bell' rollers to ensure an easy glide.



2 x Heavy Duty flip stops on cross cut fence



Heavy duty telescopic cross cut fence



Safety bar for automatic rip fence



Overhead control panel complete with colour touch screen control to raise and lower of saw blade, movement of rip fence, tilting of sawblades and adjustments for the scorer.

Find out more about this machine and the rest of the range at the Genesis X-Type Panel Saws (<http://ukpanelsaws.co.uk>) website.

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NOTE: the model shown in this video is the slightly older 'X3' Panel saw **without** the touch screen controls.

POA

