

Processing center

Venture 320



As individual as your requirements

Choose from three equipment packages for your Venture 320:

The basic package




Low-cost entry into gluing technology and FLEX5 processing with full functionality.

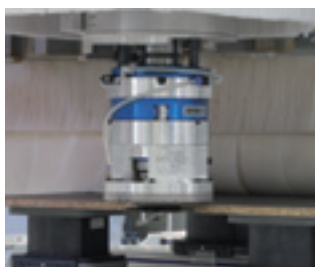
The future package

Fast, reliable set-up of clamps with LED and high drilling output for panel processing with a larger drilling head.

The performance package

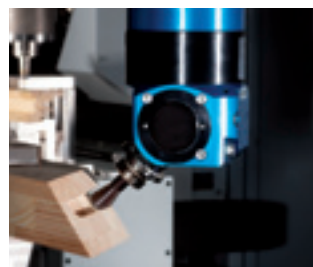
Fast, reliable setup with LED, higher output due to extra-large drilling head and additional tool changing slots.

Equipment variants	Trimming spindle		Drilling heads		
	Working spindle with vector-controlled spindle speed for extreme torque even at low speeds, for example when sanding.		HIGH-SPEED drilling head up to 7 500 rpm with 12 vertical spindles, grooving saw and 4 horizontal spindles with 0/90° swivel facility. Fast drilling including grooving in the X/Y direction.	HIGH-SPEED drilling head up to 7 500 rpm with 17 vertical spindles, grooving saw and 4 horizontal spindles with 0/90° swivel facility. Fewer drilling cycles including grooving in the X/Y direction.	HIGH-SPEED drilling head up to 7 500 rpm with 25 vertical spindles, 6 horizontal spindles in the X direction and 4 in the X direction including grooving in the X direction.
	11 kW (S6)	18,5 kW (S6)			
Basic	■		■		
Future	■		■		
Performance	■		■		



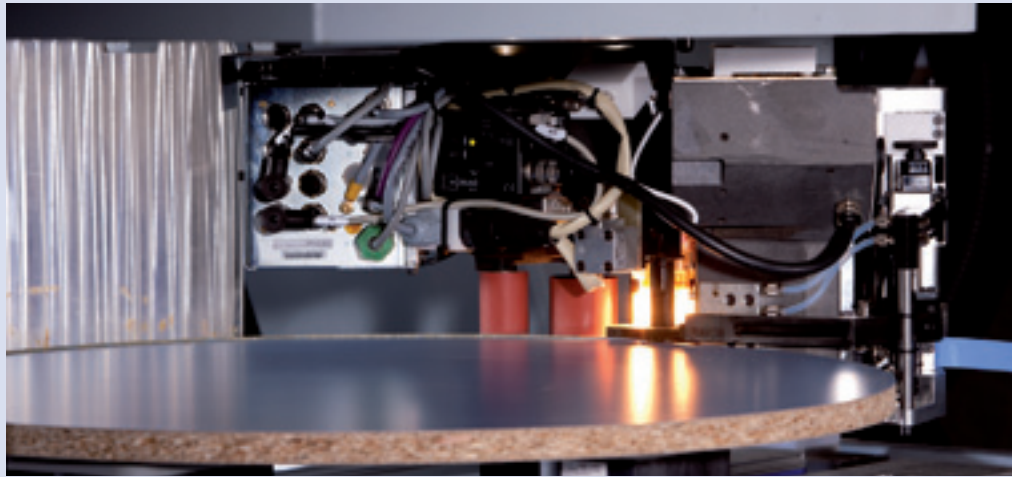
Precise-fitting connecting grooves

Traced trimming of connecting grooves for precise-fitting connection of panels, even with thickness tolerances or unevenness. Constant, pneumatically controlled contact pressure and integrated workpiece cleaning nozzles.



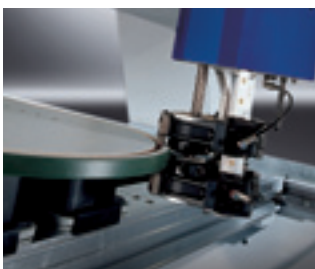
FLEX5+ unit with automatic angle adjustment and automatic tool change.

Sawing, trimming, drilling at any angle in conjunction with automatic tool change. A unique feature which covers more than 90 % of five-axis applications.



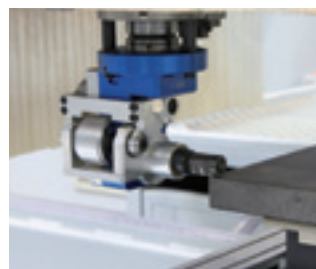
360° edge gluing with the **powerEdge** edge banding unit.

Interface		Set-up aid		Tool changer	
<p>The integrated interface allows the FLEX5 or FLEX5+ unit to be retrofitted at any time. For precise processing operations at "any" angle without manual settings.</p>		<p>Suction cups are displayed using a laser beam (cross hairs). The work-piece contour can be "travelled" as a positioning aid for freeform parts.</p>		<p>LED displays for fast, simple positioning of vacuum clamps and consoles. Up to 70 % time savings during set-up, with correct positioning monitored "at a glance".</p>	
<p>14-slot plate changer for tools and units with a diameter of up to 200 mm. By arranging the changer below, tool change with the FLEX5+ (option) is also possible.</p>		<p>18-slot plate changer increases the number of tools and units which can be directly accessed and reduces set-up times. Here too, tool change is possible with the FLEX5+ (option).</p>			



Perfect edge finish

Perfect edge finish due to traced combination flush trimming / scraping unit – efficient processing without tool change.



Flush trimming

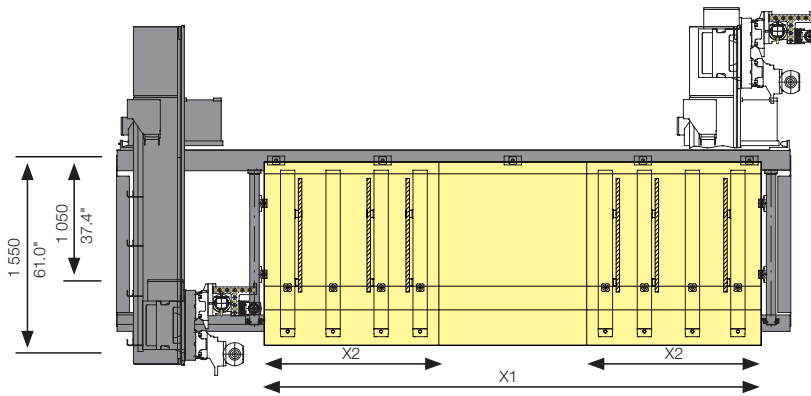
Traced flush trimming of edge overhang on postforming profiles.

Technical data

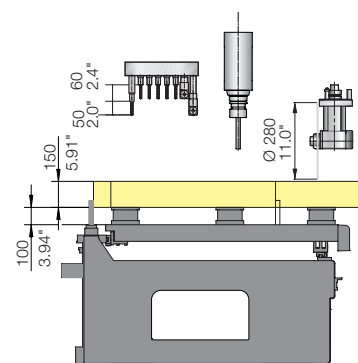
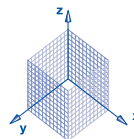
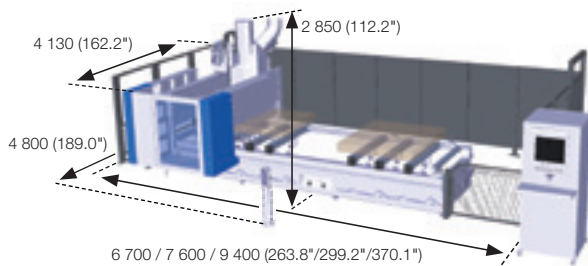
Model	X = Workpiece length [mm]				Y = Workpiece width [mm]			Workpiece thickness [mm]	
	All units	With tool diameter 25 mm		With tool diameter 25 mm	All units	Gluing	All units		
	Individual processing (X1)	Alternating processing* (X2)	Individual processing	Alternating processing*	Rear stop	Rear stop	Rear stop	Front stop	From console
Venture 320M	3 300 129.9"	1 025 40.4"	3 475 136.8"	1 200 47.2"	1 550 61.0"	1 400 55.1"	1 250 49.2"	1 050 37.4"	250 9.8"
Venture 320L	4 200 165.4"	1 475 58.1"	4 375 172.2"	1 650 65.0"	1 550 61.0"	1 400 55.1"	1 250 49.2"	1 050 37.4"	250 9.8"
Venture 320XXL	6 000 236.2"	2 375 93.5"	6 175 243.1"	2 550 100.4"	1 550 61.0"	1 400 55.1"	1 250 49.2"	1 050 37.4"	250 9.8"

* Dimension with central division. Large alternating field dynamically adapted to component size.

Technical data and photos are not binding in every detail. We reserve the express right to make changes in the interests of further development.



X1 = Single workpiece processing
X2 = Alternating workpiece processing



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