

DSB Twinhead NG XM

Figures. Data. Facts.



Technical data

	Standard
Main drive rating	32 kW (43,5 HP)
Max. cutting width	310 mm (12.2")
Feed speed, infinitely adjustable (depending on wood type and block dimensions)	Standard feed: 1 – 18 m/min High-Speed: 8 – 45 m/min
Saw blade speed, infinitely adjustable	20 – 60 m/sec (65 – 196 ft/sec)
Wet cutting – spraying system	For wet cutting as well as for wood types with a high resin or silicate content
Saw blade tensioning system	Servo-pneumatic
Saw blade motion control (saw blade motion visible via sight window)	Automatic
Voltages*	3 x 400 VAC / 50 Hz 3 x 480 VAC / 60 Hz External switch cabinet at front of main drive for following voltages: 3 x 208 VAC / 60 Hz 3 x 575 VAC / 60 Hz
Diameter – saw pulleys	Ø 915 mm (36")
Arrangement of sawing module	Horizontal
Operating height	Approx. 1,300 mm (51") (approx. 1,100 mm / 43" with sunken fundament)
Cutting height adjustment of saw blade	Approx. 1.5 to 165 mm (0,06" – 6,50")
Durable saw blade guide	Carbon guide
Saw blade lubrication	Via compressed air lubricator
Compressed air connection	Operating pressure 7 bar (101,5 psi)
Required extraction force	Min. 500 liters/min (17.7 cubic feet/min) per machine
Suction fittings top	1 x Ø 200 mm + 1 x Ø 150 mm per machine
Extraction capacity	Min. 5300 m³/h (187.167 cubic feet/hour) per machine (7200 / 254.265 incl. chips screw)
Required air speed	30 m/sec (100 feet/sec) per machine
Power and compressed air inlet	Optionally at top or side

* Other voltages available on request

Block/lamella data

	Standard
Block width	Min. 30 mm / max. 310 mm (1.2" / 12.2")
Saw blade guiding	Adjustable on one side
Cutting precision (depending on original material and tool characteristics)	Approx. +/- 0.15 mm (0.006")
Block height min. / max.	5 mm / 165 mm (0.19" / 2.95")
Block length min. / max.	350 mm (13.78") / unlimited
Lamella thickness (depending on wood type and block dimensions)	> 1.5 mm (0.059")
Individually selectable block guide	Lateral or central block guide

We reserve the right to make technical alterations.

Saw blade data

Thickness of cutting kerf	From 1.1 mm (0.043")	
Thickness of base material	From 0.7 mm (0.027")	
Width of saw band	80 mm (3.15")	Optional: 100 mm (3.94")
Length saw band	5500 mm (216.5")	
Easy & ergonomical saw blade change (sash doors swivel through 125°)	Approx. 2 min (2 persons)	

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Dimensions	DSB Twinhead Pro 2 XM	DSB Twinhead Pro 4 XM	DSB Twinhead Pro 6 XM
Height	2710 mm (109.69")		
Width	4050 mm (159.44")		
Depth	1690 mm (66.53")	4000 mm (157.48")	6350 mm (250")
Depth with doors open	3750 mm (147.64")	6050 mm (238.19")	8365 mm (329.33")
Weight	Approx. 8000 kg (17637 lbs)	Approx. 16000 kg (35274 lbs)	Approx. 24000 kg (52911 lbs)
Foundation load	10000 kg (22046 lbs)	20000 kg (44093 lbs)	30000 kg (66139 lbs)
Transport options for machine	2 brackets for fork-lift on underside of machine 2 fittable crane eyes on top of machine		
Transport dimensions machine (W x D x H)	4050 x 1960 x 2710 mm (159.44" x 77.16" x 106.69") per machine		
Transport dimensions with wooden crate (W x D x H)	4250 x 2200 x 2985 mm (167.32" x 86.61" x 117.51") per machine		
Transport dimensions in seaworthy crate (W x D x H)	4250 x 2200 x 3005 mm (167.32" x 86.61" x 118.31") per machine		

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