

Technical Data for the Varimatrix 105 C/CS

Suitable for the following materials (depending on material quality and sheet layout)

Max. sheet curvature 2.5% (with larger curvatures, we reserve the right to perform a test)

Paper with a minimum weight of 80 gsm

Board or solid board up to a maximum weight of 1,400 gsm

Corrugated board up to a maximum thickness of 4 mm (0.16 in)

Machine specifications

Max. sheet size	C/CS	750 × 1,050 mm (29.53 × 41.34 in)
Min. sheet size	C/CS	350 × 400 mm (13.78 × 15.75 in), [300 × 350 mm* (11.81 × 13.78 in*)]
Cutting force	C/CS	Max. 300 t / 3.0 MN (661,386 lbs)
Machine speed	C/CS	Max. 7,500 sheets/h
		* with small sheet device

Dimensions

Length of machine with feeder and trolley	C/CS	Approx. 6,118 mm (240.87 in) / approx. 7,070 mm (278.35 in)
Width of machine	C/CS	Approx. 2,091 mm (82.32 in)
Width of machine with control console	C/CS	Approx. 3,851 mm (151.61 in)
Height of machine	C/CS	Approx. 2,450 mm (96.46 in)
Total area required	C/CS	Approx. 43 m ² (66,650 in ²) / approx. 47 m ² (72,850 in ²)

Weights

Weight of machine with feeder	C/CS	Approx. 15 t (33,070 lbs) / approx. 16.6 t (36,600 lbs)
Weight of feeder	C/CS	Approx. 2.1 t (4,630 lbs)

Pile height and weight

Feeder, including pallet in non-stop operation	C/CS	Height	Max. 1,000 mm (39.37 in)
		Weight	Max. 1,200 kg (2,646 lbs)
Not in non-stop operation	C/CS	Height	Max. 1,200 mm (47.24 in)
		Weight	Max. 840 kg (1,852 lbs)
Delivery, including pallet	C/CS	Height	Max. 1,000 mm (39.37 in)

Technical data

Dimensions of cutting die (max.)	C/CS	740 × 1,050 mm (29.13 × 41.34 in)
Net cutting area	C/CS	727 × 1,050 mm (28.62 × 41.34 in)
Gripper margin, adjustable from (13 mm [0.512 in] wood in front of 1 st knife)	C/CS	10–18 mm (0.39–0.71 in)

C = Cutting, S = Stripping