

**9 Technical data**

**9.1 Unwind unit**

Operator side	in the running direction left, but sometimes right
Roll width	min.: 400 mm max.: 1,060 mm
Roll diameter	max.: 1,524 mm (60")
Roll weight	max.: 2,000 kg (approx. 20,000 N)
Loading of rolls	optionally from the left, right, rear
Cone diameter, Clamping chuck diameter	optionally 70 mm, 120 mm, 150 mm, 3" or on request
Lateral offset range	+/- 30 mm
Weight /floor load (without roll)	approx. 2,600 kg (= approx. 26,000 N)
Frame length (without support arms)	1,589 mm
External frame width (without hand wheel etc.)	2,030 mm
Height	approx. 2,115 mm
Space requirement	see general layout diagram

9.2 Cross cutter

CS 106 web width	min.: 480 mm max.: 1,060 mm
CS 106 cutting length	min.: 400 mm * max.: 750 mm (infinitely adjustable)
Cutting length tolerance	+/- 0.2 mm
Cutting angle accuracy	+/- 0.2 mm to 1,000 mm
Web tension	min. 1.5 N/cm max. 3 N/cm
Running speed	max. 225 m/min
Mechanical output	max. 20,000 sheets/h
Production printing speed, paper 60 g/m <sup>2</sup> - 300 g/m <sup>2</sup>	max. 18,000 sheets/h, depending on the machine type and the condition of the print material
Production printing speed, carton coated	max. 12,000 sheets/h
Production printing speed, paper 40 g/m <sup>2</sup> - 70 g/m <sup>2</sup>	max. 15,000 sheets/h, minimum grammage with "Thin printing paper" package option
Production printing speed, film	max. 12,000 sheets/h, minimum material thickness can only be achieved with "Film" package option
Paper weight/print material	min.: 40 g/m <sup>2</sup> ** max.: 300 g/m <sup>2</sup> **
Weight/floor load (cross cutter including switching cabinet and base frame)	approx. 5,000 kg *** (= approx. 50,000 N ***)

\* With the dust option the minimum cutting length increases to 440 mm.

\*\* Under 70 g/m<sup>2</sup> it is recommended to use thin printing paper. The film packet option is recommended for film.

\*\*\* With the dust option, the weight increases by approx. 145 kg (approx. 1,450 N).

Length without transfer unit	2,250 mm
Width with switch cabinet	2,360 mm
Total height	approx. 2,086 mm *
Height of transfer unit (table), CS 106	approx. 1,389 mm *
Height adjustable	- 20 mm - + 30 mm
Space requirement	see general layout diagram
Operating pressure (compressed air supply)	> 6 bar (of printing machine)
Cross-section of feeder from mains supply to switch cabinet	see table in the chapter "Transporting/installing the cross cutter" or wiring diagram
Operator side	in the running direction left
Noise level	see Appendix

► Note

For electrical connection data, see type plate at switch cabinet or type plate pictured in the circuit diagram (first page).

- \* The height of the cross cutter is based on whether and which Raising options are integrated. Depending on the raising option, the cross cutter can be higher than specified in the technical data.

