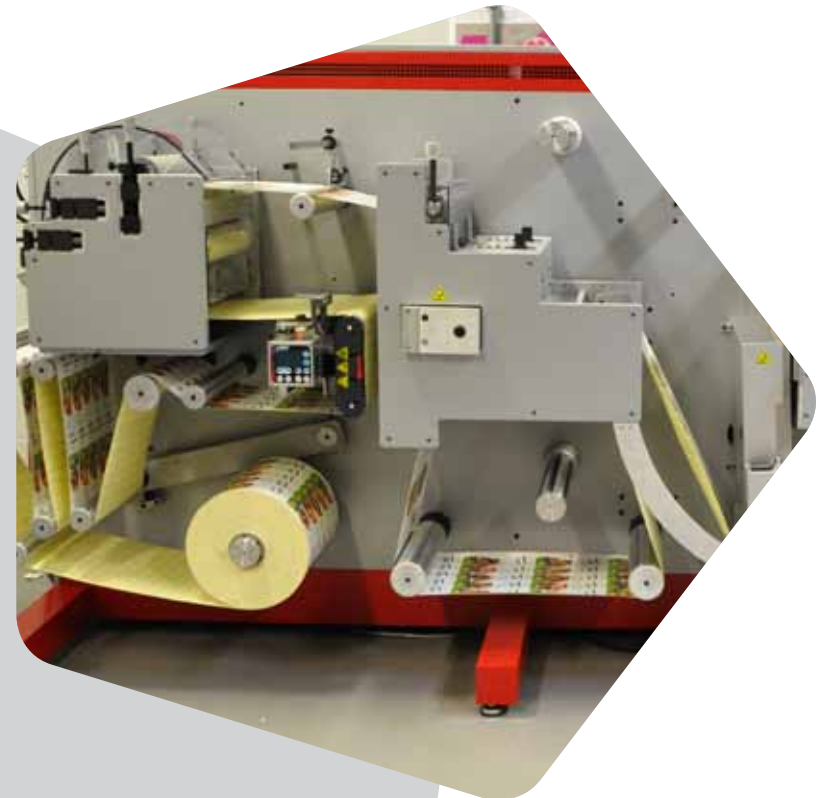# XEIKON FINISHING
UCOAT

The Xeikon UCoat or MiniUCoat are ideally suited to apply varnish and cut or rewind your label or board material.

The UCoat offers the possibility to apply flood UV or aqueous varnish, to sheet and deliver on a conveyer or to slit and rewind. The MiniUCoat is a compact entry level model and is ideally suited to varnish and rewind in-line with your Xeikon. It is perfect for processing IML material. The UCoat is an extended version that also provides the ability to sheet the web on a conveyer. This is better suited for specific carton applications. Options available for the UCoat Series include spot varnishing functionality, corona treatment, offline priming or slitting and rewinding on two shafts.

XEIKON FINISHING

All of Xeikon's finishing products are designed to meet the needs and requirements of the markets that Xeikon printing presses are built for.

Key benefits include:
- All products are carefully designed, tested and proven
- Perfect combination of versatility, quality and productivity
- Perfectly adapted to work seamlessly with the Xeikon printing presses
- Adapted to handle a broad range of substrates
- Serviced by dedicated Xeikon engineers
- Options available to accommodate for specific market needs

UCOAT

Technical specifications	UCoat 500	MiniUCoat 500
Web width	200 mm - 516 mm (7.9" - 20.3")	
Substrate type	SA label material unsupported film (PP, BOPP for IML app) paper board, (wax) paper	SA label material unsupported film (PP,BOPP for IML app) (wax) paper
Substrate thickness	40 µ - 550 µ	
Roll diameter	support rollers Ø 90 mm	
Web guide	Ultrasonic	
	Standard	Optional
Splice Table	Standard with clamps	
Varnish and lamination station		
Varnish pump	Standard	Standard
Flexo station	Flood varnish, 3 roller flexo	
Print roller	standard Ø 97,2 mm (3.83") width 500 mm (19.7") SH40 510 mm (20.0")	
Anilox roller	standard 120 l/cm - 10 cm^3/m^2 (47,2 LPi - 6,4 BCM);. other available on request	
UV curing station	air-cooled adjustable intensity (15 - 100%) 6 kW - max. 120 W/cm (47,2 W/inch)	
Lamination station	Self-adhesive or UV glued lamination with and without backing	
	Standard	Optional (only without backing)
	Super gloss	
	max. width 500 mm (19.7")	
	Max. laminate roll diameter 400 mm (15.7" ; core diameter 76 mm (3"))	
Output station		
Slitter	3 Shear knives	Optional
Dual Rewinder	500 mm (19.7") max reel Ø on upper shaft	800 mm (31.50") max reel Ø
	600 mm (23.6") max reel Ø on lower shaft	Optional
	76 mm (3") core diameter (other sizes also available)	
Roll Lifter	Standard	Optional
Sheeter	Conveyer / Cutting accuracy approx. ± 0,15 mm (0.006") Conveyer length 1400 mm (55.1")	NA
Options	UCoat 500	MiniUCoat 500
Hot Air Curing	Optional (uses the same flexo station) Hot Air dryer 11.8 KW - 360 m^3/h Adjustable temperature	
Closed Chamber system	Optional (advised for aqueous varnishes)	
Corona Treatment	Optional (advised for TTR or Inprintable varnishes)	
	2000 W Vetaphone	
Spot varnish	Full rotary - print roller needs to be changed for different repeat	
	Sleeve system, print roller set. Repeat length 254 mm (10") - 482.6 mm (19")	
Technical info	UCoat 500	MiniUCoat 500
Dimensions Length	3880 mm (12.37 ft)	1980 mm (6.5 ft) (standard unit - no options)
Width	1290 mm (4.23 ft)	1400 mm (4.6 ft)
Height	1620 mm (5.31 ft)	1650 mm (5.41 ft)
Weight	1500 kg (3307 pds)	600 kg (1323 pds)
Power requirements	Universal 3 phase 3x380-415 V + PE, 32 A, 50-60 Hz	
Air Supply	5-6 Bar 100/h Dry, water and oil free air	
Air Extraction	UV Ø 100 mm: 800 m^3/hr, AQ Ø 100 mm: 120 m^3/hr, Corona Ø 90 mm: 800 m^3/hr	

XEIKON

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