

DM-UNILINER 3D

Specifications

Substrate

Web width:	Min. 100 – max. 340 mm
Core diameter (3¹⁾):	75 mm
Roll diameter unwind and rewind:	Max. 800 mm
Substrate thickness:	Min. 0.04 – max. 0.3 mm
Surface tension (ideal):	38 – 44 (42) dyne/cm

Corona Pretreatment

Ceramic electrodes:	4 pcs.
Power:	Max. 1,800 VA

Print system

Inkjet system:	Drop on Demand, single pass
Native resolution:	600 dpi
Number of print heads per print bar:	6 pcs (optional 2 x 6 pcs)
Theoretical max. print width:	323 mm
Print image length:	Max. 10,000 mm
Varnish lay down ²⁾ ³⁾:	4 – 50 g/m ²
Print speed ¹⁾:	10 – 100 m/min
Register control:	Printmark sensor
Register accuracy:	± 0.15 mm
Image format:	PDF
Data transfer:	USB, Hotfolder

Ink system

Position:	Canister on the floor, ink system in main cabinet
Varnish type:	Special UV Varnish supplied by KURZ
Ink canister size:	15 / 25 kg
Ink supply system:	End shooter
Print head nozzle plate cleaning system:	Fully automatic, contact-free

Curing systems

UV-C Drying with chill roller:	2 x 180 W/cm
UV-C Pinning (water cooled, included in scope of delivery):	1 x 20 – 60 W/cm

DM-Unit for DIGITAL METAL[®]

Web width:	Min. 50, max 330 mm
Number of webs on the shaft:	Up to maximum 6
Core diameter (3¹⁾) :	75 mm
Roll diameter:	Max. 300 mm
Stamping speed (depending on stamping size area):	15 – 50 m/min

Dimension / Weight

Dimension (LxHxW):	4,000 (5,000 ⁴⁾) x 2,000 x 2,600 mm
Module net weight:	Ca. 5,250 (6,750 ⁴⁾) kg

1) = Depending on varnish lay down and substrate type 2) = Depending on working speed 3) = Depending on varnish type and surface tension 4) = Twin configuration

All technical data are approximate.