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Images may vary from the actual product.

**High quality at high  
production speed**



## TS300/TS600 UV Flatbed printer

**Fast, Affordable, High quality  
UV flatbed printer**



**UV-Print for production  
environments**

- 1.2 x 2.4 or 2 x 3 m print size, up to 15 cm media thickness
- Spectra Polaris printheads offering 15 pl dropsize
- accurate, reliable design
- up to 78 m<sup>2</sup>/h in 2 Pass-Mode at good quality
- 6 up to 12 print heads including white
- highest possible safety thanks to sensors and hood
- superlative aftersales service

# Fast - accurate - reliable: TS300 / TS600

- TS300/600 is a completely new styled and designed UV-flatbed printer for professionals with high expectations.
- The Polaris printheads offering 15 pl fixed drop size guarantee best print quality at high speeds, reliable production and high uptime.
- TS 300/600 features an 8 zone vacuum table with strong hold. Vacuum pumps (2 or 4) are included and are installed separately from the printer.
- The printer is controlled by an integrated Windows PC featuring TeckPrint software offering an intuitive user interface to control the status of the printer, release prints, define printmode, reprinting, use of white, etc.
- Caldera GrandRip Plus Teckwin Edition incl. Linux PC are delivered with the printer and are integrated in the printer.
- Included is an antistatic system allowing sharp prints even on media like corrugated plastics, foamex and others.
- Using traditional UV-technology featuring 3 different levels of energy offering high flexibility for use of different inktypes and allowing optimum curing for each media. Automatic shutters protect the media.



# Specifications for the TS300 / TS600

Specifications	TS300	TS600
Maximum print size	1220 x 2440 mm	2000 x 3000 mm
Maximum media size (boards)	1260 x 2460 mm	2000 x 3200 mm
Printheads	Spectra Polaris	Spectra Polaris
Printhead configurations	1 x CMYK LcLm – 2 x CMYK – 2 x CMYK LcLm – 2 x CMYK LcLm + 2 W	1 x CMYK LcLm – 2 x CMYK – 2 x CMYK LcLm – 2 x CMYK LcLm + 2 W
Colours	C, M, Y, K, LC, LM, White	C, M, Y, K, LC, LM, White
Print resolution	800 x 800 dpi	800 x 800 dpi
Max. media weight	Up to 35 kg/m <sup>2</sup>	Up to 35 kg/m <sup>2</sup>
Media thickness	Up to 50 mm	Up to 150 mm
Ink	Nazdar UV-curing ink – 4 different types for optimal use for various applications: TeckJet, TeckLok, TeckFlex, TeckStretch	Nazdar UV-curing ink – 4 different types for optimal use for various applications: TeckJet, TeckLok, TeckFlex, TeckStretch
Ink tanks	1 l per colour	1 l per colour
Printmodes	Uni- and bi-directional	Uni- and bi-directional
Print speed	High Quality – 8 Pass: 19,0 m <sup>2</sup> /h Standard Production – 4 Pass: 39,0 m <sup>2</sup> /h Fast Production – 2 Pass: 78,0 m <sup>2</sup> /h	High Quality – 8 Pass: 17,0 m <sup>2</sup> /h Standard Production – 4 Pass: 35,0 m <sup>2</sup> /h Fast Production – 2 Pass: 70,0 m <sup>2</sup> /h
Compressed air requirement	34 l/min	34 l/min
Special features	Head cleaning “Degassing” ink level sensor	Head cleaning “Degassing” ink level sensor
Electric power consumption	9,3 KVA / 5,8 KVA (10 A) printer, 7,0 kVA (16A) vacuum	9,3 KVA / 5,8 KVA (10 A) printer, 7,0 kVA (16A) vacuum
Power supply	380V+/-10% AC 50/60 Hz +/- 1 Hz	380V+/-10% AC 50/60 Hz +/- 1 Hz
Temperature range	operation: 15 - 30 °C non operation: 0 – 50 °C	operation: 15 - 30 °C non operation: 0 – 50 °C
Humidity (non-condensing)	operation: 40 - 80 % non operation: 10 – 80 %	operation: 40 - 80 % non operation: 10 – 80 %
Acoustic noise level	< 80 dB (A)	< 80 dB (A)
Dimensions (W x H X D)	3900 x 3820 x 1540 mm	4160 x 3860 x 1610 mm
Net weight	1625 kg	2230 kg
Operating space	3000 x 6500 mm	5910 x 5840 mm
Safety certificate	CE certificate with CB report, RoHS	CE certificate with CB report, RoHS