Technical Data – Trendsetter Family.



Tuesdoctton 2000				
Trendsetter 3230				
Basic unit	Compact platesetter in four-page format for thermal plates and IR-sensitive film,			
Basic unit				
Locartum	with semi-automatic plate feed and removal			
Laser type Drum diameter	Infrared laser diodes, 830 nm			
	813 mm			
Material format	max. 813×762 mm, min. 394×330 mm			
Materials	Infrared-sensitive aluminium plate, 830 nm:			
	Kodak® IR 830 thermal plate;			
	Polychrome Quantum 830.			
	Infrared-sensitive film, 830 nm:			
	Polaroid™ Dry Tech™			
Material thickness	Plates: 0.15 mm to 0.40 mm			
	Film: min. 0.18 mm			
Maximum imaging area	792 × 762 mm			
Resolution	2400/1600/1200 dpi (optional 3200/1600 dpi)			
Maximum recommended screen ruling	240 lpi at 2400 dpi (optional 300 lpi at 3200 dpi)			
Imaging time	3 minutes at 2400, 1600 and 1200 dpi (depending on plate sensitivity)			
for maximum plate size				
Plate loading and unloading time	1 minute			
Accuracy*	20 µm between two plates from different Trendsetters (max. format)			
Repeat accuracy*	5 µm between two plates from the same Trendsetter (max. format)			
Register accuracy*	15 µm between image and plate edge (max. format)			
Interface	SCSI (differential) and RS 232 for workstation connection			
Voltage	200 - 208 V, 220 V, 230 - 240 V, 50 - 60 Hz			
Power consumption	approx. 16 A			
Ambient conditions	17 – 32°C, 20 – 70 % relative humidity (non-condensing)			
Dimensions (W×H×D)	approx. 2743×914/1575×1092 (with loading ramp)			
Weight	544 kg			
Approvals	CE, CSA, UL			
* Specification for metal plates only				

asic unit	Compact platesetter in eight-page format for thermal plates and IR-sensitive film,		
Sasic utili			
Loortino	with semi-automatic plate feed and removal Infrared laser diodes, 830 nm		
Laser type	,		
Drum diameter	813 mm		
Material format	max. 813×1118 mm, min. 394×330 mm		
Materials	Infrared-sensitive aluminium plate, 830 nm:		
	Kodak IR 830 thermal plate;		
	Polychrome Quantum 830.		
	Infrared-sensitive film, 830 nm:		
	Polaroid Dry Tech		
Material thickness	Plates: 0.15 mm to 0.40 mm		
	Film: min. 0.18 mm		
Maximum imaging area	792×1118 mm		
Resolution	2400/1600/1200 dpi (optional 3200/1600 dpi)		
Maximum recommended screen ruling	240 lpi at 2400 dpi (optional 300 lpi at 3200 dpi)		
Imaging time	6 minutes at 2400, 1600 and 1200 dpi (depending on plate sensitivity)		
for maximum plate size			
Plate loading and unloading time	1 minute		
Accuracy*	20 µm between two plates from different Trendsetters (max. format)		
Repeat accuracy*	5 µm between two plates from the same Trendsetter (max. format)		
Register accuracy*	15 µm between image and plate edge (max. format)		
Interface	SCSI (differential) and RS 232		
Voltage	200 - 208 V, 220 V, 230 - 240 V, 50 - 60 Hz		
Power consumption	approx.16 A		
Ambient conditions	17 – 32°C, 20 – 70 % relative humidity (non-condensing)		
Dimensions (W×H×D)	approx. 2743×914/1575×1092 (high housings / loading ramp)		
Weight	544 kg		
Approvals	CE, CSA, UL		
Specification for metal plates only			

Trendsetter 3244 (Fast)	
Basic unit	Data and scope of delivery as Trendsetter 3244
Imaging time	4 minutes at 2400, 1600 and 1200 dpi (depending on plate sensitivity)
for maximum plate size	

Options for the fremusetter family	
High-resolution option	
Function	Supports resolutions of 3200/1600 dpi instead of the standard resolution of
	2400/1600/1200 dpi
Configurations	Trendsetter AL 3230;
	Trendsetter AL 3244;
	Trendsetter AL 3244 F

AL (Autoload) option	
Function	Permits automatic plate loading, imaging, unloading to an online processor or plate stacker
	accommodating up to 30 plates (thickness 0.30 mm)
Configurations	Trendsetter AL 3230;
	Trendsetter AL 3244;
	Trendsetter AL 3244 F
Components	Automatic loading ramp;
	Automatic unloading device without plate rotator;
	Automatic unloading device with plate rotator (optional)
Automatic plate loading	Up to 30 plates of the same size are placed into the loading ramp without interleaving paper
	The plates are picked up, loaded and imaged automatically.
Automatic plate unloading	The imaged plate is fed via the unloading device to the online processor or plate stacker.
	The optional rotator installed in the unloading device first turns the plate around 90 degrees
	in order to feed the plate into the processor with the narrow side first.
Connection to processor/stacker	Height adaptable from 829 mm – 930 mm
Bypass mode	Interrupts the automatic loading process in order to image a plate of any size
Imaging time	See Trendsetter 3230 and 3244/3244 F
at maximum plate size	
Loading-/unloading cycle	1.5 minutes for the first plate;
	1.3 minutes for all following plates of the same size

Spectrum option			
Function	Permits halftone proofs to be generated on a Trendsetter 3244 F		
Configurations	Trendsetter Spectrum 3244 F		
Components	Two take-up cassettes – one for two-page proof material, one for four-page proof material		
	Loading device for proof material cassette;		
	Vacuum system;		
	Two carrier plates – one for two-page proofs, one for four-page proofs		
Plate/film material	see Trendsetter 3244		
Proof material size	Two-page format 381×559 mm		
Carrier sheet	Four-page format 559×762 mm		
Proof material size	Two-page format 413×590.5 mm		
Donor sheet	Four-page format 590.5×794 mm		
Material	IR-sensitive digital halftone proof material		
Material thickness	0.15 mm		
Proofing sequence	A set of material consisting of four donor sheets (CMYK) and one carrier sheet		
	(is loaded manually into the take-up cassette).		
	The cassette is inserted into the Spectrum recorder.		
	The sheets are automatically picked up and processed in succession and then returned		
	to the cassette.		
Output	The carrier sheet must be fed manually to the laminator (the laminator is not included		
	in the Spectrum's scope of delivery. It is available from the material manufacturer).		
Proofing speed*	Per 2-/4-page proof < 30 minutes (incl. loading/unloading)		
	for material of sensitivity < 500 mJ/cm ² .		
Addressability	2400 dpi, 1200 dpi		
Register accuracy	< 50 µm colour to colour		
Proof density uniformity*	< 0.1 ROD (all positions, all colours, in addition to the various coating options)		
Proof resolution*	2 – 98 % at 300 lpi		
depending on the material			

Delta™ Workstation 2600 for Trendsetter		
Workstation	Data General AV2600 with 2 × Pentium Pro® 200 MHz, floppy, CD	
Memory	128 MB, can be upgraded to 1 GB	
Hard disks	2 GB system disk, 4 GB data disk	
Controller	SCSI Single-Ended, SCSI Differential	
Network	10/100 BaseT Ethernet®	
Monitor	17", keyboard, mouse	
Other hardware		
Software	Windows® NT4, Delta Software 4.3 (subject to availability), Trendsetter Control Software	

Allegro workstation 2/2001	
Workstation	Data General AV2600 with 1× Pentium Pro 200 MHz, can be upgraded to 2 CPUs, floppy, CD
Memory	128 MB, can be upgraded to 1 GB
Hard disks	2 GB system disk, 4 GB data disk
Controller	SCSI Single-Ended, SCSI Differential
Network	10/100 BaseT Ethernet
Monitor	15", keyboard, mouse
Other hardware	Uninterruptible power supply, DAT tape
Software	Windows NT 4, Allegro RIP, Trendsetter Control Software

Allegro Workstation 1/500 A	
Workstation	DEC™ Personal Workstation 500a with 1×DEC Alpha-CPU 500 MHz, floppy, CD
Memory	128 MB, can be upgraded to 1 GB
Hard disks	2 GB system disk, 4 GB data disk
Controller	SCSI Single-Ended, SCSI Differential
Network	10/100 BaseT Ethernet
Monitor	15", keyboard, mouse
Other hardware	Uninterruptible power supply, DAT tape
Software	Windows NT4, Allegro RIP, Trendsetter Control Software

Allegro Workstation 2/466 A		
Workstation	DEC Alpha Server 4000 with 1×DEC Alpha-CPU 466 MHz, can be upgraded to 2 CPUs,	
	floppy, CD	
Memory	512 MB, can be upgraded to max. 2 GB	
Hard disk	2 GB system disk, 4 GB data disk	
Controller	SCSI Single-Ended, SCSI Differential	
Network	10/100 BaseT Ethernet	
Monitor	15", keyboard, mouse	
Other hardware	Uninterruptible power supply, DAT tape	
Software	Windows NT4_Allegro RIP Trendsetter Control Software	

Trendsetter 3230





Trendsetter 3244 AL



Trendsetter Spectrum

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