



Especificações Técnicas / Technical Specifications

Fabricante	Kodak
Modelo	CTP MAGNUS VLF

General specifications	
Technology	830 nm thermal imaging platesetter, semi-automatic, external drum
Automation options	<p><i>ContinuousLoad (standard):</i> While one plate is being imaged, the second plate is placed in standby and loads automatically after the plate on the drum unloads to an online processor.</p> <p><i>Multi-Cassette Unit (MCU):</i> Holds up to 300 plates in four cassettes, each with up to 75 plates with slip sheets. The required cassette is automatically selected according to the job definition. Empty cassettes can be reloaded while the platesetter is running.</p> <p><i>Automatic Pallet Loader (APL):</i> Loads plates directly from shipping pallets into the Magnus VLF Platesetter. Capable of holding between one and six pallets of up to 600 plates each for very high capacity and no operator handling of plates.</p>

Performance specifications	Q2400 Platesetter	Q3600 Platesetter
Throughput at 2400 dpi_{1,2} for plate size 1,030 x 800 mm	<p><i>Standard:</i> F speed = 20.5 plates per hour</p> <p><i>Optional:</i> X speed = 31.3 plates per hour</p> <p><i>Optional:</i> Z speed = 48.0 pph with CL/MCU; 52.6 pph with APL</p>	
Throughput at 2400 dpi_{1,2} for plate size 1,804 x 1,422 mm	<p><i>F speed</i> = 13.8 plates per hour</p> <p><i>X speed</i> = 18.2 plates per hour</p> <p><i>Z speed</i> = 30.1 plates per hour</p>	
Throughput at 2400 dpi_{1,2} for plate size 2,083 x 1,600 mm	N/A	<p><i>F speed</i> = 12.3 plates per hour</p> <p><i>X speed</i> = 16.4 plates per hour</p> <p><i>Z speed</i> = 27.6 plates per hour</p>
Repeatability³	± 15 microns between two consecutive exposures on the same plate left on the drum	
Accuracy³	± 35 microns accuracy of image size and shape	
Registration³	± 25 microns between image and plate edge at registration points	
Workflow connectivity	<p>PRINERGY TIFF Downloader (included) connects to most third-party workflow systems.</p> <p>KODAK PRINERGY Workflow and connection to third-party workflow systems.</p>	



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Imaging specifications	Q2400 Platesetter	Q3600 Platesetter
Resolution	<i>Standard:</i> 2400/1200 dpi <i>Optional:</i> 2540/1270 dpi	
Screening	450 lpi max line screen <i>Optional:</i> 25- or 20- micron KODAK STACCATO Screening	
Maximum plate size: around drum x along drum ⁴	1,422 x 1,804 mm	1,600 x 2,083 mm
Minimum plate size: around drum x along drum ⁴	<i>Standard / MCU:</i> 483 x 394 mm <i>APL:</i> 483 x 483 mm	<i>Standard / MCU:</i> 483 x 394 mm <i>APL:</i> 483 x 483 mm
Maximum image area: around drum x along drum	1,408 x 1,804 mm	1,586 x 2,083 mm

Physical characteristics	
Size (H x W x D)	<i>MAGNUS VLF:</i> 1550 x 4055 x 2590 mm <i>MAGNUS VLF MCU:</i> 1550 x 7116 x 2850 mm <i>MAGNUS VLF APL with 1/2/3 segments:</i> 1550 x 8191 mm / 10813 mm / 13435 x 3904 mm
Weight	<i>MAGNUS VLF:</i> 2135 kg <i>MAGNUS VLF MCU:</i> 4064 g <i>MAGNUS VLF APL with 1/2/3 segments:</i> 4270 kg / 4970 kg / 5670 kg

¹ Imaging time is dependent on media sensitivity and screening type. Throughput shown for KODAK TRILLIAN SP plates.

² Tested with KODAK Workflow.

³ Specifications pertain to performance at largest plate size, over full temperature range.

⁴ Standard plate gauge is 0.2 to 0.4 mm (0.008 to 0.016 in.)

The platesetter is a Class 1 Laser Product and fully complies with EN60825-1 and US Federal Regulations 21 CFR 1040.10 - CDRH.



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