



Especificações Técnicas / Technical Specifications

Fabricante	Kodak
Modelo	CTP MAGNUS 800

General specifications

Technology	830 nm thermal imaging platesetter, semi-automatic, external drum.
Automation options	<p><i>ContinuousLoad (standard):</i> Semiautomated; as one plate is imaged, another is placed on standby for automatic loading as soon as the drum unloads.</p> <p><i>Single-cassette unit (SCU) option:</i> Fully automated; holds up to 100 plates of the same size and thickness with slip sheets. Standard: right access; available with optional left access.</p> <p><i>Multi-cassette unit (MCU) option:</i> Fully automated; holds up to 500 plates in 5 cassettes, each containing up to 100 plates of the same size and thickness with slip sheets. The required cassette is automatically selected according to the job definition. Empty cassettes can be reloaded while the platesetter is running. Standard: right access; available with optional left access.</p> <p><i>Automatic Pallet Loader (APL):</i> Holds one pallet of up to 650 plates of the same size and thickness with slip sheets. Standard cassette tray for up to 100 plates enables a secondary plate size online that is different from the pallet plate size. Option to bypass the automatic plate loader by inserting plate directly into the platesetter from the loading conveyor. Standard: right access; available with optional left access. (Consult your KODAK Plates representative for a current list of plates qualified for the APL.)</p>
Integrated punch	<p>Up to 10 customized punch heads. Select from a list of punches qualified for MAGNUS Q800 Platesetter.</p> <p>Optional automatic punching is operated according to press profile selected from the KODAK Workflow.</p> <p>Punch is available on the front edge of the plate only.</p>

Performance specifications

Throughput at 2400 dpi^{1,2}	<p><i>Standard:</i> F speed = 28 plates per hour</p> <p><i>Optional:</i> X speed = 45 plates per hour</p> <p><i>Optional:</i> Z speed = 62 plates per hour</p>
Repeatability	± 5 microns between two consecutive exposures on the same plate left on the drum
Accuracy	± 20 microns between 2 plates imaged on the same MAGNUS Platesetter, at largest plate size
Registration	± 25 microns between image and punches, when customer punches are used (at largest plate size)
Workflow connectivity	Standard KODAK Print Console with TIFF Downloader Software included; connects to KODAK PRINERGY Workflow and most third-party workflow systems. JDF/JMF Connectivity Option enables functionality in the Print Console software to provide job and device status.



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Imaging specifications

Resolution	<i>Standard:</i> 2400/1200 dpi <i>Optional:</i> 2540/1270 dpi
Screening	450 lpi max line screen <i>Optional:</i> 25-, 20- or 10- micron KODAK STACCATO Screening
Maximum plate size: around drum x along drum	950 x 1,163 mm
Maximum image area size: around drum x along drum	938 mm x 1,163 mm
Minimum plate size: around drum x along drum	330 mm x 305 mm
Minimum image area size: around drum x along drum	318 mm x 305 mm

Physical characteristics

Size (H x W x D) / Weight	<i>Standard:</i> 113 x 231 x 166 cm / 1040 kg <i>SCU:</i> 146 x 231 x 433 cm / 2076 kg <i>MCU:</i> 146 x 369 x 433 cm / 2802 kg <i>APL:</i> 146 x 231 x 470 cm / 2254 kg
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1 Imaging time is dependent on media sensitivity and screening type. All values are for media sensitivity of 120mJ/cm², screening of 175 lpi and plate width of 1,030 mm (40.55 in.)

2 Tested with KODAK Workflow.

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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