AUCTUS SPECIFICATIONS

Product description

Auctus is an entry-level, 8-page, semi-automatic platesetter that uses Creo thermal imaging technology to expose plates for conventional and waterless printing.

Features and benefits

- Creo thermal imaging head—2400 dpi
- Imaging throughput: 12 plates per hour
- Dynamic auto-focus
- Semi-automatic media loading and unloading
- Automatic registration
- Automatic plate clamping

Prerequisites

- Creo approved RIP workstation
- Processing line and other system peripherals must be of adequate performance. Please consult with appropriate vendors to ensure sufficient performance can be achieved.

Components

Standard hardware:

- Plot engine
- Thermal imaging head—40W, 2400 dpi
- Semi-automatic media loader

Documentation: *Auctus Operator Guide* 653-00937

Training included: 3 hour on-site operator training for one person

Consumables included: Filters

Options:

Optional software: Staccato® 25 Series screen sets

Optional hardware: Debris removal system

Input

Media size (maximum/minimum)

- Around the drum circumference: 838 mm maximum, 305 mm minimum
- Along the drum axis: 1143 mm maximum, 229 mm minimum

Media type

- Thermal IR-sensitive aluminum plate, 830 nm
- Some plates may restrict the operating range of the platesetter system. Consult the plate manufacturer for their recommended temperature and humidity ranges for plate operations and storage.
- Refer to the individual media specifications for a list of qualified medias

Media thickness: 0.15 mm to 0.40 mm for plates

Output	
Non-imaged areas:	6.1 mm along leading edge and 7.6 mm along trailing edge
Resolution	• 2400 • Maximum recommended line screen: 200 lpi • Staccato screens: Staccato 25 Series screen sets[1] (available option)
Specific Functions	
Automatic registration:	• Media edge—registered horizontally to pins mounted on drum • Vertical edge located with precise optical sensing
Automatic clamping:	Adjusts to any plate size (within the maximum and minimum allowed)
Performance	
Imaging speed	255 mm per min. @ 2400 dpi
Throughput[2]	12 plates per hour
Repeatability[3]	± 2.5 microns between two plates imaged by the same Auctus (at largest plate size)
Accuracy	± 10 microns between two plates imaged by different Auctus (at largest plate size)
Registration	± 12.5 microns between image and plate edge (at largest plate size)
Environmental conditions	• 17° to 30°C and 20% to 70% relative humidity, non-condensing. • Prepress or platemaking environment. • Compliance with *Auctus Site Preparation* 707-00302. • Some media may restrict the operating range of the platesetter system. Consult the media manufacturer for their recommended temperature and humidity ranges for plate operations and storage.
Electrical requirements	• Rating: 200–240 VAC, 20 A, 50/60 Hz, single-phase branch circuit • Actual current draw while imaging 3.4 A, 0.790 kW
Compressed air requirements	370 liters per min. at 620-830 kPa (13 scfm @ 90-120 psig)

[1] Support for Staccato 25 is limited to qualified plates; consult your Creo representative for current qualification list.
[2] Imaging time based on 1029 mm plate. Imaging time dependant on media sensitivity
[3] Specifications for metallic media only

Equipment dimensions

- Width 2820 mm
- Depth 1092 mm
- Height 1575 mm—to top of load ramp
  914 mm—to top of housing

Equipment weight

- Auctus 544 kg

Regulatory compliance

- ELECTRICAL/MECHANICAL CSA 950/UL 1950 (CSA NRTL/C Mark), EN 60950/IEC 950 (CE Mark)
- LASER SAFETY: CDRH, US Federal Regulations 21 CFR 1040.10, 1040.11 (Class 1 Laser Product), EN 60825/IEC 825-1 (Class 1 Laser Product)
- EMC: FCC Part 15, (Class A), EN 55022/CISPR-22 (Class A), EN 55082-2/IEC 1000-4-2, 1000-4-3, 1000-4-4, 1000-4-6, 1000-4-8