

HDDS Xtreme



CadRam



- Ball screw driven with 800w servo motors
- Full cast steel frame for large industrial applications
- Fast and accurate plotting up to 100mm per sec
- Increased levels of control through servo-driven pumps
- Quick-change pumps allow rapid change of colour

resin dispensing equipment from CadRam

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### Technical Specifications

#### Bed Height

Standard Bed Height	850mm
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#### Working Height

Gantry Height Above Table	Maximum 150mm
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#### Glass Thickness

Maximum Thickness	75mm
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#### Speed

Plotting Speed	Up to 140mm/sec
Dispensing Speed	Up to 100mm/sec

#### Precision

Positioning Resolution	X and Y 0.05mm Z = 0.0125mm
Addressable Resolution	Up to 0.40mm
Repeatability	Up to 0.20mm

#### Dispensing System

Cadram Mk6 Pumps	Two component servo motor driven pumps Delivery (bead width) controlled by computer Gantry mounted open outline resin canisters supply static mixer dispensing tip via aluminium mixing head
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#### Transport System

X Drive System	Dual linear guide rails driven by 25mm Ball Screw and under table mounted 800w Servo motor
Y Drive System	Dual Linear guide rail driven by 25mm ball screw with gantry mounted 800w servo motor
Z Drive System	Dual linear guide rail with direct drive to 16mm ball screw with 800w servo motor

#### Software

CADRAM Artplot®	Accepts HPGL and DXF. Multi Functional software
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#### Power Requirements

Power Supply	380v 3 phase 50hz
Power Consumption	4.5kw

#### Environment

Operating Temperatures	+5°C to +40°C
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### HDDS Xtreme 2513

Footprint: 3300 x 1900mm  
 Bed Size: 3300 x 1500mm  
 Plot Size: 2500 x 1300mm



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