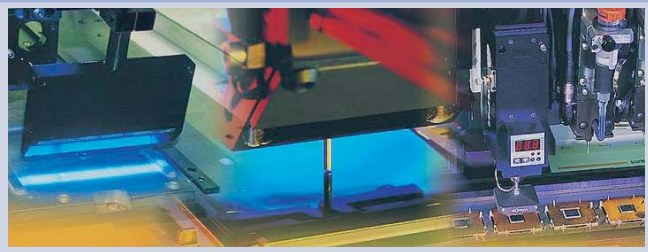


GPD DS Series

SYSTEM INTRODUCTION



- Inline and Stand-alone Models
- Inline model is SMEMA compatible
- Up to 3 Valve/Tool Mount Stations
- Accuracy $\pm 0.0015''$ ($\pm 0,0381$ mm)
- Repeatability $\pm 0.0006''$ ($\pm 0,0152$ mm)
- Dispense Rate 28,000 dots/hour

The DS Series of dispensers is a robust and versatile platform designed to handle all types of applications with ease. The series includes the DS9 model for all non-heated applications, while the DS Micro model handles heated applications. At the root of the DS Series is a heavy duty, open frame with easy access that lends itself to simple loading, unloading, and process setup by the operator.

The platforms were designed with versatility in mind. Each of the DS Series platforms can handle up to 3 different valves or tools at one time and, with work areas up to 24" x 24" (609 mm x 609 mm), there are few processes these systems can't handle.



Our FLOware® software controls all aspects of system control and even handles the

control of Pick-and-Place tools for special applications. With ease of operation in mind, all systems are configured with our automatic XYZ needle calibration, needle cleaner, and toolless Taper-Lock™ mounting hardware. These features ensure a consistent setup and process with minimal operator intervention.

In addition to built-in functionality, we have not forgotten about accuracy. Using our Contour Mapping™ package, the DS Series dispensers are able to maintain $\pm 0.0015''$ (± 0.038 mm) throughout the full work area. When your applications call for versatility and functionality, the DS Series is the right platform.

GPD Global®

Headquarters 2322 I-70 Frontage Road, Grand Junction, CO 81505 – Tel: (970) 245-0408 – Fax: (970) 245-9674 – request@gpd-global.com – www.gpd-global.com

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Standard Features

- Automatic Vision
- Red/Blue Illuminator
- Needle Cleaner
- Auto X, Y, Z Calibration
- 3 Valve Capability
- Toolless Taper-Lock™ Mounting Hardware
- FLOWare® Operating Software
- Network Communications

Power

DS Series SA, DS Series IL

110-120 Volts or 220-240 Volts AC frequency 50-60 Hz
 Maximum 13 amps @ 115 Volts or 7 amps @ 230 Volts

GPD Global recommends use of dedicated, external circuit breaker/fusing. Alternately, use properly rated branch fusing.

Air

Pressure (clean & dry air) . . . 80-90 psi (552-621 kPa)
 Flow rate (minimum) 4 CFM @ 87 psi
 (113 l/min @ 600 kPa)
 Air fitting thread* 1/4" NPT
 *(customer supplies connection hardware)

Ventilation

Exhaust port* 4" (101.6 mm)
 Ventilation flow rate. 250 CFM (7,079 l/min)
 *(customer supplies ducting to exhaust port)

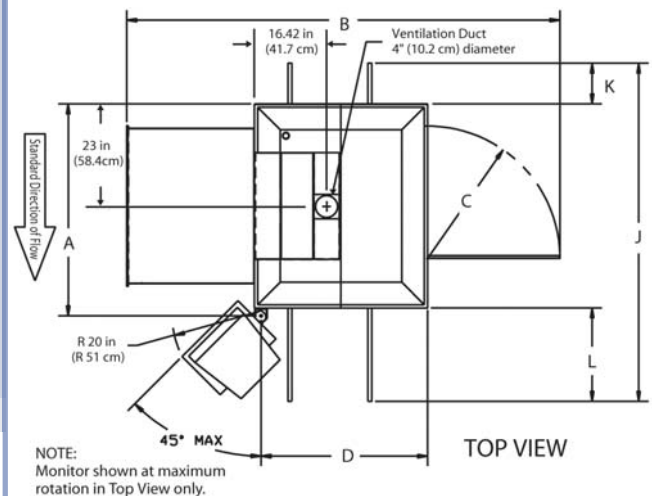
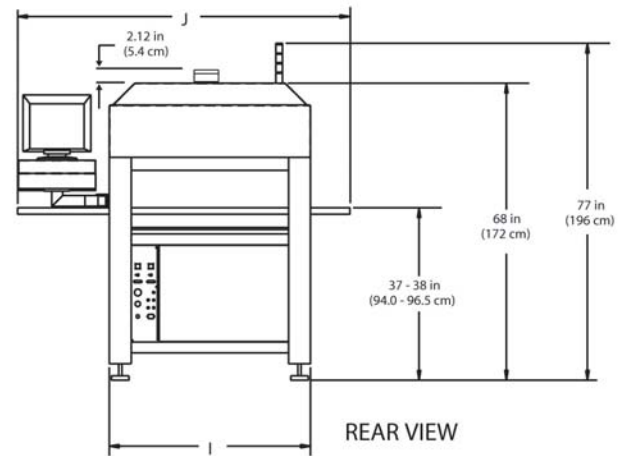
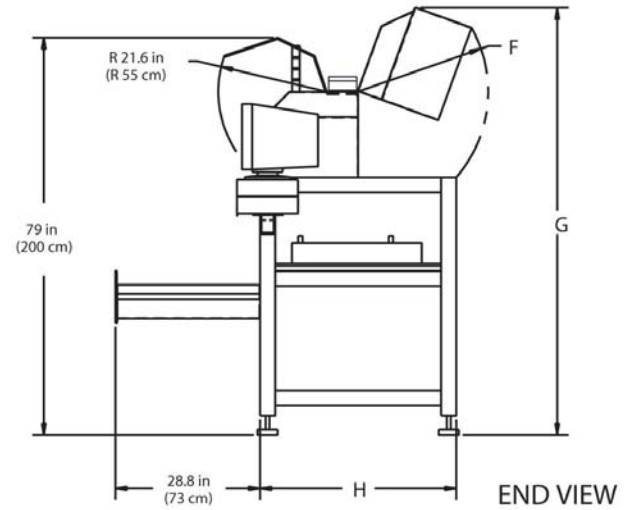
Crating Specifications

STAND-ALONE MODEL

Weight, crated. 2000-2500 lbs (907-1134 kg)
 Dimensions, crated. 85" W x 51" D x 82" H (216 cm W x 130 cm D x 208 cm H)
 to 92" W x 80" D x 82" H (234 cm W x 203 cm D x 208 cm H)

CONVEYOR MODEL

Weight, crated. 2000-2500 lbs (907-1134 kg)
 Dimensions, crated. 91" W x 51" D x 82" H (231 cm W x 130 cm D x 208 cm H)
 to 92" W x 80" D x 82" H (234 cm W x 203 cm D x 208 cm H)



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