

# DC12

## High-Volume Metering System



### **Delivers up to 12 kg (26 lb) of material per minute - accurately and on-ratio**

- Simple, reliable design - tested in the aerospace and transportation industries for 20 years
- Ideal for manufacturers of wind turbine blades
- Repeatable on-ratio dispensing accuracies of  $\pm 3$  percent reduces material waste and re-work
- Faster production time with dispense rate of up to 12 kg (26 lb) per minute in adhesive paste applications
- Improved capabilities with a dispense rate of up to 6 kg (13 lb) a minute in tooling paste applications



# Rely on the DC12 for increased output and longer life

## Technical Specifications

### Customize Your Application

#### Metering System

Dual volumetric cylinders are mechanically linked to ensure ratios of A and B components. Provides repeatabilities of  $\pm 3$  percent.



#### Control Panel

Intuitive, easy-to-use touch panel display allows for simple integration into factory processes.



#### EnGarde® Ratio Monitoring System

Optional external flow meters offer ratio monitoring independent of the ratio and supply system.



#### Articulating Boom



Optional boom-mounted mixer and dispense block offer increased range for material delivery.

	DC12
Standard volume ratios	2:1, 1:1, For other ratios please consult factory
Maximum flow rate (1)	10 lpm (2.6 gpm)
Motionless mixer	24 elements x 1 in diameter
Maximum fluid pressure	172 bar (2500 psi, 17.2 MPa)
Material supply system	200 l (55 gal) D200s Graco Supply System
Power requirements (2)	120-240V/1PH/50-60 HZ, 6 Amp
Maximum air consumption (3)	1700 lpm (60 SCFM)
Maximum inlet air pressure	6.9 bar (100 psi, 0.69 MPa)
Air inlet size	3/4 NPT
Weight (4)	1156 kg (2550 lb)
Dimensions (5)	218 cm (86 in) L x 122 cm (48 in) W x 203 cm (80 in) H
Optional boom	218 cm (86 in) W x 279 cm (110 in) H
Optional tandem pump(s)	91 cm (36 in) L x 122 cm (48 in) W
Operation manual	312767

- (1) At 1:1 volume ratio, low density tooling paste dispenses up to 6 kg (13 lb) per minute  
 (2) Base unit is all pneumatic. Power is required for optional performance monitoring package  
 (3) Required compressed air volume for 10 lpm (2.6 gpm) flow  
 (4) Material weight not included  
 (5) 284 cm (112 in) H with supply ram in the up position

#### Mix/Dispense

- Automated A/B valves with ratio-checking assemblies reduce time during material testing
- High-flow static mixer improves flow rates and shortens production times
- Optional boom assembly for ergonomic work cell layout

#### NXT® Air Motor

- The next generation of Graco air motors
- Modular design for easier maintenance
- Rugged body armor won't rust or dent
- Advanced technology

#### D200s Graco Supply System

Reliable pumps help maximize system's uptime

#### Metering System

Graco® continuous shot meter provides proven, accurate ratio technology to ensure a proper mix and eliminate waste

#### Low-Profile Platform

- Allows simple loading of drums
- Easy to maneuver in and out of the work cell



System shown equipped with stand mount.

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