

# DynaMite™ 190 Pumps

Single component mini-extruders



The solution to dispensing viscous materials from small containers.

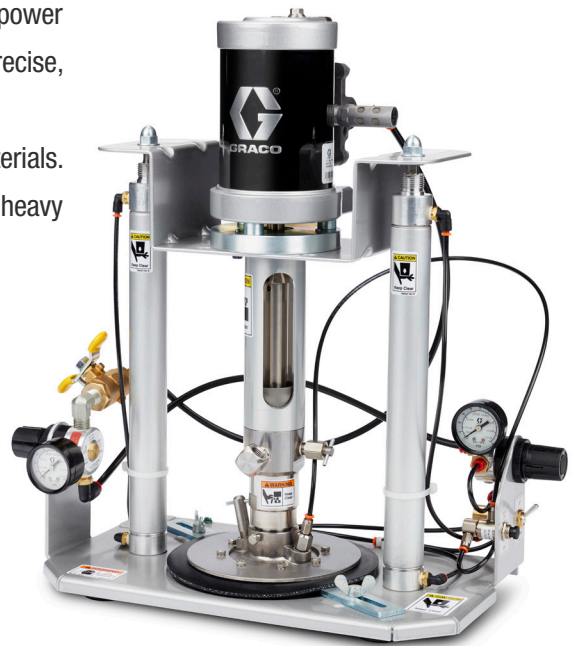


The **Graco DynaMite Pump** utilizes the NXT air motor to provide the power necessary to move viscous materials from small containers. Deliver precise, consistent fluid dispensing from one quart and one gallon containers.

The DynaMite 190 is ideal for pumping low to medium viscosity materials. For applications using high viscosity or highly abrasive materials, use the heavy duty DynaMite 190 HD.



*DynaMite 190 HD with Wiper Plate*



*DynaMite 190 with Wiper Plate*

# The Graco DynaMite™ 190 Pump

## Features and Benefits

- Extrudes viscous material from their original 1 quart (0.95 L) or 1 gallon (3.79 L) pails
- Compact and lightweight
- Built tough for rugged conditions
- Heavy duty version with 3" air cylinders to handle the thickest materials

## Typical Applications

- Dispensing viscous fluids and pastes
- Manual or automatic valve applications
- Small manufacturing workcells
- Industrial workbench applications

## Typical Fluids Handled

- Adhesives
- Thermal pastes
- Potting compounds
- Heatsink compounds
- Encapsulants
- Sealants
- Grease
- Inks
- Colorants

## Accessories

- 235877 DynaMite 190 Dispense Valve**  
Pistol grip style
- 235871 DynaMite 190 Dispense Valve**  
Without handle for fixture mounting
- 223948 Wiper Plate Poly Shields** (Set of 10)  
For 1 gal (3.79 L)

## Technical Specifications

Maximum fluid outlet pressure .....	1200 psi (83 bar, 8.3 MPa)
Maximum fluid flow .....	20 oz/min. (0.59 L/min)
Maximum fluid viscosity.....	600,000 cps
Volume per stroke.....	0.17 oz (5.0 cc)
Pump cycles per 1 gal (3.79 L).....	376.5
Maximum recommended pump speed	
Intermittent duty .....	60 cpm
Continuous duty.....	40 cpm
Maximum operating temperature .....	140°F (60°C)
Air input pressure .....	25 to 100 psi (1.8 to 7 bar, 0.18 to 0.7 MPa)
Fluid outlet size.....	1/4 npt(f)
Air inlet size .....	1/4 npt(f)
Wetted materials.....	.304 and 17-4 pH SST, PTFE, fluoroelastomer, PEEK
Weight.....	18.5 lbs (8.4 kg)
Width.....	14.0 in (356 mm)
Depth.....	8.25 in (210 mm)
Maximum height.....	28.75 in (730.1 mm) with ram cylinder extended
Instruction manual .....	308302

## Ordering information

### DynaMite 190

- 235871 DynaMite 190**  
Pump unit without wiper plate  
(Order wiper plate separately)
- 224923 Wiper Plate 1 qt ( 0.95 L), Rubber**  
For DynaMite 190 Pump Unit
- 224908 Wiper Plate 1 gal (3.79 L), Rubber**  
For DynaMite 190 Pump Unit



### DynaMite 190 HD

- 25D097 Dynamite 190 HD**  
Heavy duty pump unit without wiper plate
- 25D100 Tandem Dynamite 190 HD**  
Tandem Dynamite 190 HD supply system  
with heavy duty wiper plate and stand
- 25C843 Wiper Plate 1 gal (3.79 L), Rubber**  
For Dynamite 190 HD Pump unit



## Contact us today!

For more information, e-mail [Ohiocs@graco.com](mailto:Ohiocs@graco.com),  
call 800-746-1334 or visit us online at [www.graco.com](http://www.graco.com).

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