



# Husky™ 1050 Pumps

A Complete Family of 1 inch (25.4 mm)  
Air-Operated Double Diaphragm Pumps



There are  
**NO EQUALS**

- **30%** more efficient than the market leaders
- **20%** increase in fluid flow compared to the Husky 1040
- Up to **5 times** longer diaphragm life compared to other diaphragm pumps in its class
- Expanded material offering to handle **endless applications**

PROVEN QUALITY. LEADING TECHNOLOGY.

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# HUSKY 1050 FAMILY

There are **NO EQUALS**



## No Limits. No Equals. No Problem.

At Graco, there are no limits when it comes to designing pumps that exceed your expectations.

That's why we're expanding our pump line.

### What makes these Husky Pumps among the Best in the Industry?

**Efficiency**  
30% more efficient than the industry leaders.

**Performance**  
Delivers material up to 50 gpm (189 lpm). That's a 20% increase in flow\*!

**Engineering**  
Diaphragms last 5 times longer than others in its class\*.

Buy a Husky 1050 pump today and you'll quickly see why there are **NO EQUALS!**

\*When compared to the Husky 1040.



### Modular Air Valve

Stall-free, low pulsation operation provides smooth and rapid changeover

### One-Piece Center Section

Eliminates air leaks for more efficient operation

### Longer Diaphragm Life

Up to 5x longer diaphragm life for less maintenance and downtime

### Optional Features

#### DataTrak™

Runaway protection  
Tracks material usage

#### Pulse Output

Cycle count capability



### Four Bolt Joint Design

Bolted design provides even sealing pressure for leak-free operation

### Multiple Ports

Increased number of ports for installation flexibility



Aluminum



Polypropylene



Stainless Steel



PVDF



Conductive Polypropylene



Hastelloy

**SIX MATERIALS. ENDLESS APPLICATIONS.**

## Find the Right Pump for your Application

Graco is making it easy to select a pump that's right for your application.

To order a Husky 1050, use the online selector tool at [www.gracohusky.com](http://www.gracohusky.com) or contact your distributor.



Example of Product Selector Tool on [www.gracohusky.com](http://www.gracohusky.com).

### WHAT'S NEXT?

Watch for the next pump in Graco's new series of air-operated double diaphragm pumps.

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# Husky 1050 Technical Specifications

|  |   |                           |
|--|---|---------------------------|
| Maximum fluid working pressure.....                                    | 125 psi (8.6 bar, 0.86 MPa)   |                           |
| Air pressure operating range.....                                      | 20-125 psi<br>(1.4-8.6 bar, 0.14-0.86 MPa)  |                           |
| Maximum air consumption.....   | 67 scfm   |                           |
| Air consumption at 70 psi (4.8 bar, 0.48 MPa),<br>20 gpm (76 lpm)..... | 25 scfm   |                           |
| Maximum free-flow delivery .....                                       | 50 gpm (189 lpm)  |                           |
| Maximum pump speed .....   | 280 cpm   |                           |
| Fluid displacement per cycle.....                                      | 0.17 gal (0.64 liters)  |                           |
| Maximum suction lift.....  | 16 ft (4.9 m) dry, 29 ft (8.8 m) wet  |                           |
| Maximum size pumpable solids .....                                     | 1/8 in (3.2 mm)   |                           |
| Sound Power*   |   |                           |
| at 70 psi (4.8 bar, 0.48 MPa) and 50 cpm .....                         | 78 dBa  |                           |
| at 100 psi (7.0 bar, 0.7 MPa) and full flow .....                      | 90 dBa  |                           |
| Sound Pressure**   |   |                           |
| at 70 psi (4.8 bar, 0.48 MPa) and 50 cpm .....                         | 84 dBa  |                           |
| at 100 psi (7.0 bar, 0.7 MPa) and full flow .....                      | 96 dBa  |                           |
| Air inlet size.....  | 1/2 npt(f)  |                           |
| Fluid inlet size   |   |                           |
| Aluminum (1050A).....  | 1 in npt(f) or 1 in bspt  |                           |
| Plastic (1050P, 1050C and 1050F) .....                                 | 1 in raised face ANSI/DIN flange  |                           |
| Stainless Steel (1050S and 1050H).....                                 | 1 in npt(f) or 1 in bspt  |                           |
| Fluid outlet size  |   |                           |
| Aluminum (1050A).....  | 1 in npt(f) or 1 in bspt  |                           |
| Plastic (1050P, 1050C and 1050F) .....                                 | 1 in raised face ANSI/DIN flange  |                           |
| Stainless Steel (1050S and 1050H).....                                 | 1 in npt(f) or 1 in bspt  |                           |
| Weight   |   |                           |
| Aluminum (1050A).....  | 23 lb (10.5 kg)   |                           |
| Plastic (1050P and 1050C) .....  | 18 lb (8.2 kg)  |                           |
| PVDF (1050F) .....   | 21 lb (9.5 kg)  |                           |
| Stainless Steel (1050S)  |   |                           |
| with conductive polypropylene center .....                             | 36.3 lb (16.5 kg)   |                           |
| with polypropylene center.....   | 37.3 lb (16.9 kg)   |                           |
| with aluminum center.....  | 41.4 lb (18.8 kg)   |                           |
| Hastelloy (1050H) .....  | 41 lb (18.6 kg)   |                           |
| Wetted parts   |   |                           |
| Aluminum (1050A).....  | aluminum and material(s) chosen for seat, ball, and diaphragm options                   |                           |
| Plastic (1050P, 1050C and 1050F) .....                                 | polypropylene and material(s) chosen for seat, ball, and diaphragm options              |                           |
| Stainless Steel (1050S).....   | stainless steel and material(s) chosen for seat, ball, and diaphragm options            |                           |
| Hastelloy (1050H) .....  | hastelloy, stainless steel and material(s) chosen for seat, ball, and diaphragm options |                           |
| Non-wetted external parts  |   |                           |
| Aluminum (1050A).....  | Center aluminum   | Bolts coated carbon steel |
| Plastic (1050P, 1050C and 1050F) .....                                 | polypropylene   | stainless steel           |
| Stainless Steel (1050S).....   | polypropylene   | stainless steel           |
| Stainless Steel (1050S).....   | aluminum  | stainless steel           |
| Hastelloy (1050H) .....  | polypropylene   | stainless steel           |
| Manual.....  | 312877  |                           |

\* Sound power measured per ISO-9614-2.

\*\* Sound pressure was tested 3.28 ft (1 m) from equipment.

HUSKY MODELS



**205**  
1/4 in (6.3 mm)  
5 gpm (19 lpm)



**307**  
3/8 in (9.4 mm)  
7 gpm (26 lpm)



**515**  
1/2 in (12.7 mm) or  
3/4 in (19.1 mm)  
15 gpm (57 lpm)



**716**  
3/4 in (19.1 mm)  
16 gpm (61 lpm)



**1050**  
1 in (25.4 mm)  
50 gpm (189 lpm)



**1590**  
1-1/2 in (38.1 mm)  
90 gpm (340 lpm)



**2150**  
2 in (50.8 mm)  
150 gpm (568 lpm)



**3275**  
3 in (76.2 mm)  
275 gpm (1041 lpm)

FEATURED PUMP

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