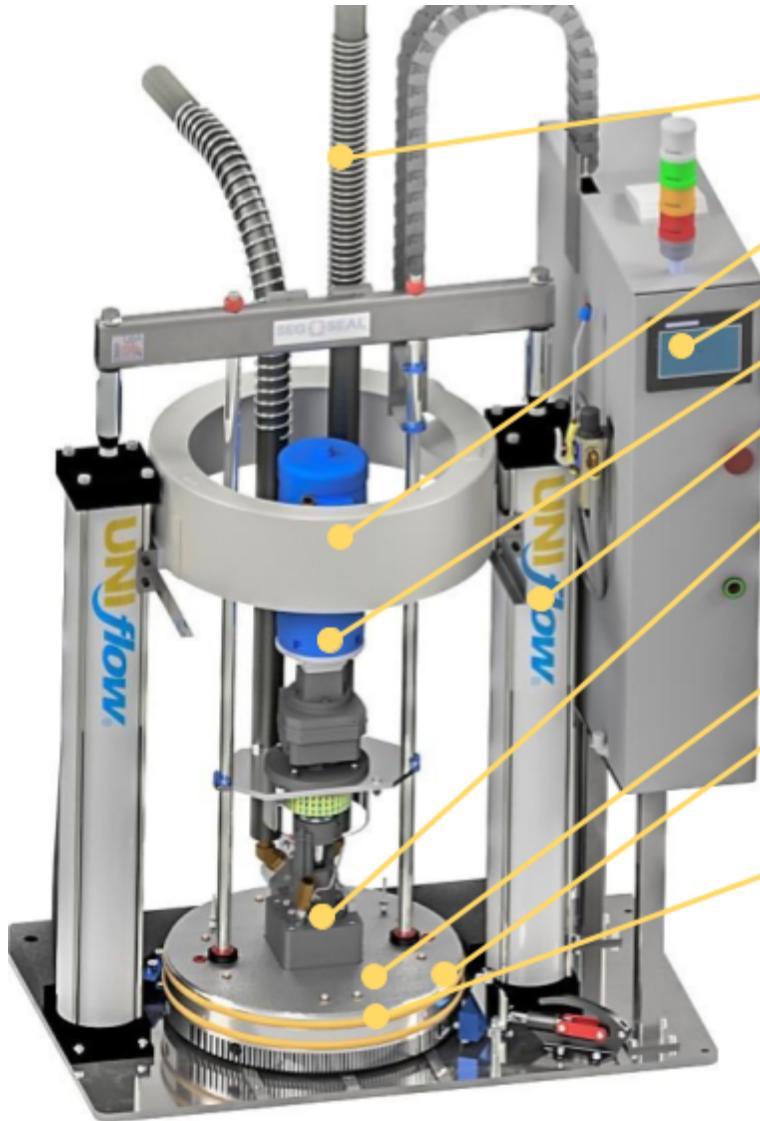


# UNIflow<sup>®</sup> MODEL 4230



#### Electrically Heated Hoses

- 1000 or 3000 PSI Option
- Dual Hose Option

#### Vent Hood With 4" Exhaust Port

#### Intuitive Controls With Touchscreen

#### 2 or 3 Horsepower Inverter-Duty Motor

#### Powerful 6" Air Cylinders

- Provide up to 5 Tons of Ram Force

#### Tungsten Rotary Gear Pump

- Continuous, Non-Pulsating Flow
- Reliable Performance
- Long Life
- High-Pressure

#### Replaceable Cast Aluminum Heaters

#### Patented Melting Platen

- 2x Surface Area Of Competition
- Reduced Material Waste
- Higher Throughput

#### Patented Seg-O-Seal Rings

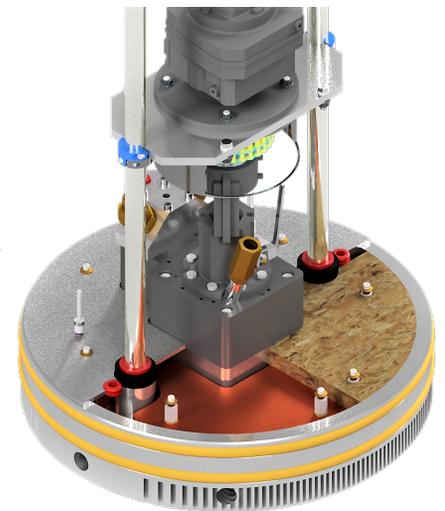
- Superior Sealing
- Long Life
- Easy Maintenance

## INDUSTRIAL MACHINE MANUFACTURING

is pleased to announce the all-new UniFlow 4230 family of drum unloaders. We have leveraged over 40 years of proven pump and heat transfer expertise to provide a greatly simplified machine at a competitive price.

Our patented platen has been fitted with new cast-aluminum heater elements for greatly simplified maintenance and long life.

Simplified controls, stack light, dual hose manifold, and touch screen interface allow immediate operation with a minimum of training.



CHECK OUT THE **UNIflow<sup>®</sup>** DIFFERENCE!

**INDUSTRIAL MACHINE MANUFACTURING**

*High Performance Hot Melt Systems*

7516 Whitepine Road • Richmond, Virginia • 23237

1- (804) 271-6979

[www.uniflow.works](http://www.uniflow.works)

[sales@uniflow.works](mailto:sales@uniflow.works)

# IMMCO

# Technical Specifications

## Physical Characteristics

|                           |                              |
|---------------------------|------------------------------|
| Footprint (Width X Depth) | 30" x 48" (762 mm X 1219 mm) |
| Height (Unloaded)         | 72" (183 cm)                 |
| Height (Fully Raised)     | 115" (292 cm)                |
| Weight (empty)            | 1,450 lbs (658 kg)           |

## Pneumatic Characteristics

|                 |                                         |
|-----------------|-----------------------------------------|
| Air Supply      | 100-120 psi (6.9-8.3 BAR, 0.69-0.83MPa) |
| Air Consumption | Less Than 2 SCFM Average                |
| Air Inlet       | ½" NPTF                                 |

## Pump Characteristics

|                       |                                                                              |
|-----------------------|------------------------------------------------------------------------------|
| Type                  | Positive Displacement Rotary Gear Pump                                       |
| Pump Outlet           | Up to 1½-in JIC Single<br>Dual Hose option up to 1-in                        |
| Pump Volume           | 36 cc/Rev Short Finger Pump<br>72 cc/Rev Long Finger Pump                    |
| Output Pressure (MAX) | 1500 psi (103 bar, 10MPa) <sup>1</sup>                                       |
| Pump Output           | Up To 800 lb/hr <sup>2</sup>                                                 |
| Fluid Viscosity       | Up To 1 Million Centipoise                                                   |
| Typical Application   | Hot Melt Adhesives (PSA, PUR, Butyl, EVA, etc.)                              |
| Material Containers   | 22.5" Inside Diameter, 55 Gallon (200L), Straight-Sided Steel or Fiber Drums |

## Heated Plate Characteristics

|                             |                       |
|-----------------------------|-----------------------|
| Construction                | Solid Aluminum        |
| Melt Surface Area           | 4663 sq.in. (3 sq.m.) |
| Heating Power               | 18KW                  |
| Operating Temperature (MAX) | 400°F (204°C)         |

## Supply Power

|                |
|----------------|
| 70A @ 240v, 3φ |
| 50A @ 400v, 3φ |
| 35A @ 480v, 3φ |

## Options (Abbreviated List)

|                                             |
|---------------------------------------------|
| Semi-Automatic Bleed/Boost                  |
| Material Temperature Sensor                 |
| Continuous flow metering                    |
| Non-Stick Coating on Platen                 |
| Steel Clam Shell for Fiber Drum Adapter kit |
| Heated Dual Hose Manifold                   |
| Linear Ram Position Sensor                  |
| Tandem System for Continuous Flow           |
| High-Pressure Ram                           |

<sup>1</sup> Requires High-Pressure Heated Hose Option

<sup>2</sup> Output is dependent on material viscosity, pump size, motor horsepower gear reducer ratio, and hose diameter. Contact an IMMCO Specialist For Configuration To Your Needs