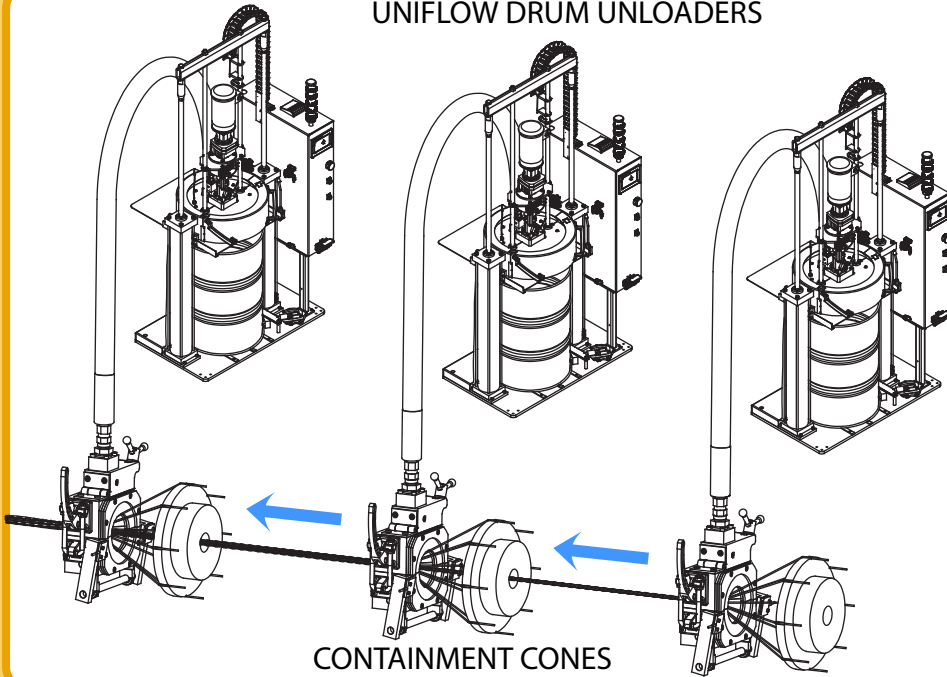
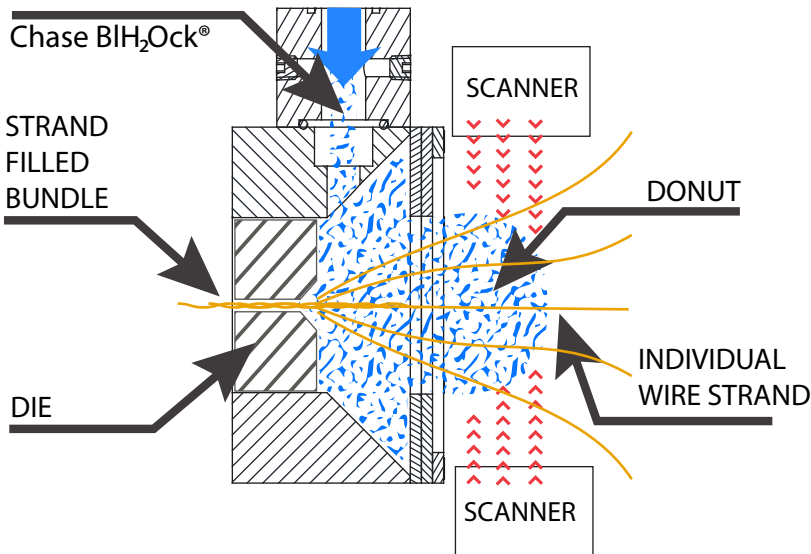
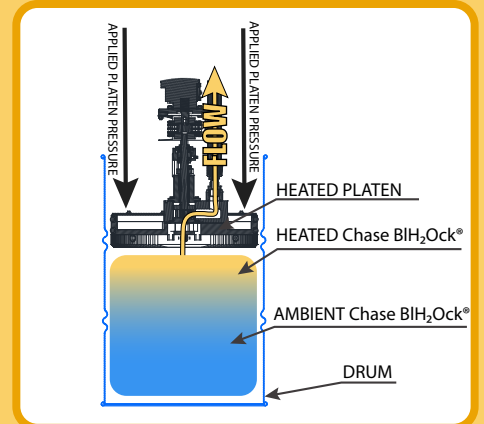


UNIFLOW DRUM UNLOADERS



UNIFLOW

Each Uniflow Model 4230 Hot Melt Drum Unloader pumps Chase BIH₂Ock® at a rate up to 400 lbs/hour through a heated hose to a Uniflow Containment Cone. One Uniflow is dedicated to each Containment Cone.

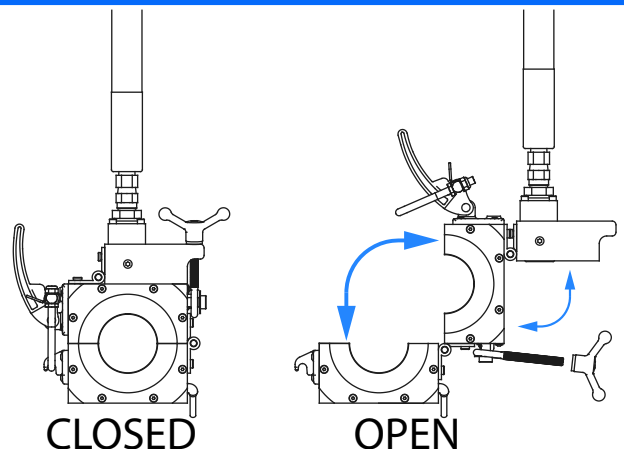


CONTAINMENT CONE

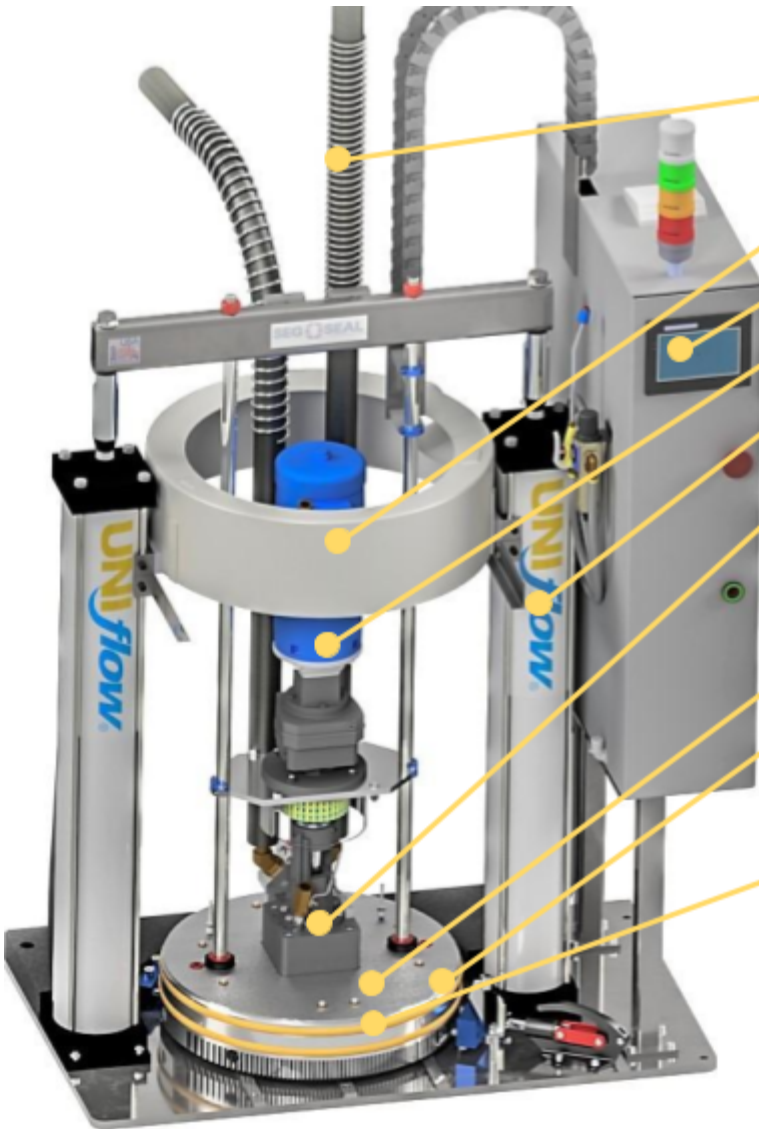
Chase BIH₂Ock® is pumped into the Containment Cone so that it forms a “donut” of material at the entrance side of the Cone. The donut size is maintained by an optical scanner. As the twisted strands of wire are pulled through the die in the Cone, Chase BIH₂Ock® is entrapped in the wires, thereby forming a waterproof barrier.

DIE CHANGE

The Containment Cone is designed to be easily opened without removing the heated hose. This allows the customer to make die changes or perform routine maintenance.



UNIflow[®] MODEL 4230



Electrically Heated Hoses

- 1000 or 3000 PSI Option
- Dual Hose Option

Vent Hood With 4" Exhaust Port

Intuitive Controls With Touchscreen

1 or 2 Horsepower Inverter-Duty Motor

Powerful 6" Air Cylinders

- Provide 2.5 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
- Faster Start-Up
- Higher Throughput

Patented Seg-O-Seal Rings

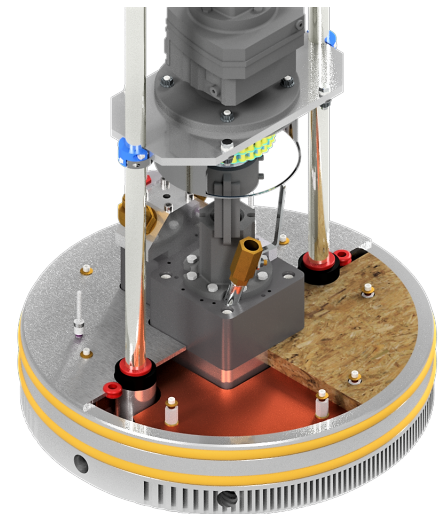
- Superior Sealing
- Long Life
- Easy Maintenance

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[®]** DIFFERENCE!

INDUSTRIAL MACHINE MANUFACTURING

High Performance Hot Melt Systems

7516 Whitepine Road • Richmond, Virginia • 23237

1- (804) 271-6979

www.uniflow.works

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	80-100 psi (5-7 BAR, 0.55-0.7MPa)
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 Dual Hose option up to 1-in
Pump Volume	36 cc/Rev Short Finger Pump 72 cc/Rev Long Finger Pump
Output Pressure (MAX)	2200 psi (152 bar, 15.2MPa) ₁
Pump Output	Up To 800 lb/hr ₂
Fluid Viscosity	Up To 500,000 Centipoise
Typical Application	Hot Melt Adhesives (PSA, PUR, Butyl, EVA, etc.)
Material Containers	22.5" Dia 55gal Straight Sided Steel Drums Fiber Drums (with adapter kit option)

Heated Plate Characteristics

Construction	Solid Aluminum
Melt Surface Area	6000 sq.in. (3.87 sq.m.)
Heating Power	20KW
Operating Temperature (MAX)	400°F (204°C) 425°F with Viton seals

Supply Power

60A @ 240v, 3φ
30A @ 480v, 3φ

Options

Semi-Automatic Bleed/Boost
Leak Detection
Steel Clam Shell for Fiber Drum Adapter kit
Heated Dual Hose Manifold
Linear Ram Position Sensor
Tandem System for Continuous Flow

1 Requires High-Pressure Heated Hose Option

2 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