

**VACUHOIST  
BROCHURE**

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## THE VACUHOIST® ADVANTAGE—**VACUHOIST**

- ⇒ **Increased productivity**
- ⇒ **Lower insurance premiums**
- ⇒ **Reduced breakage and damaged goods**

**CALL US FOR YOUR QUOTE!**

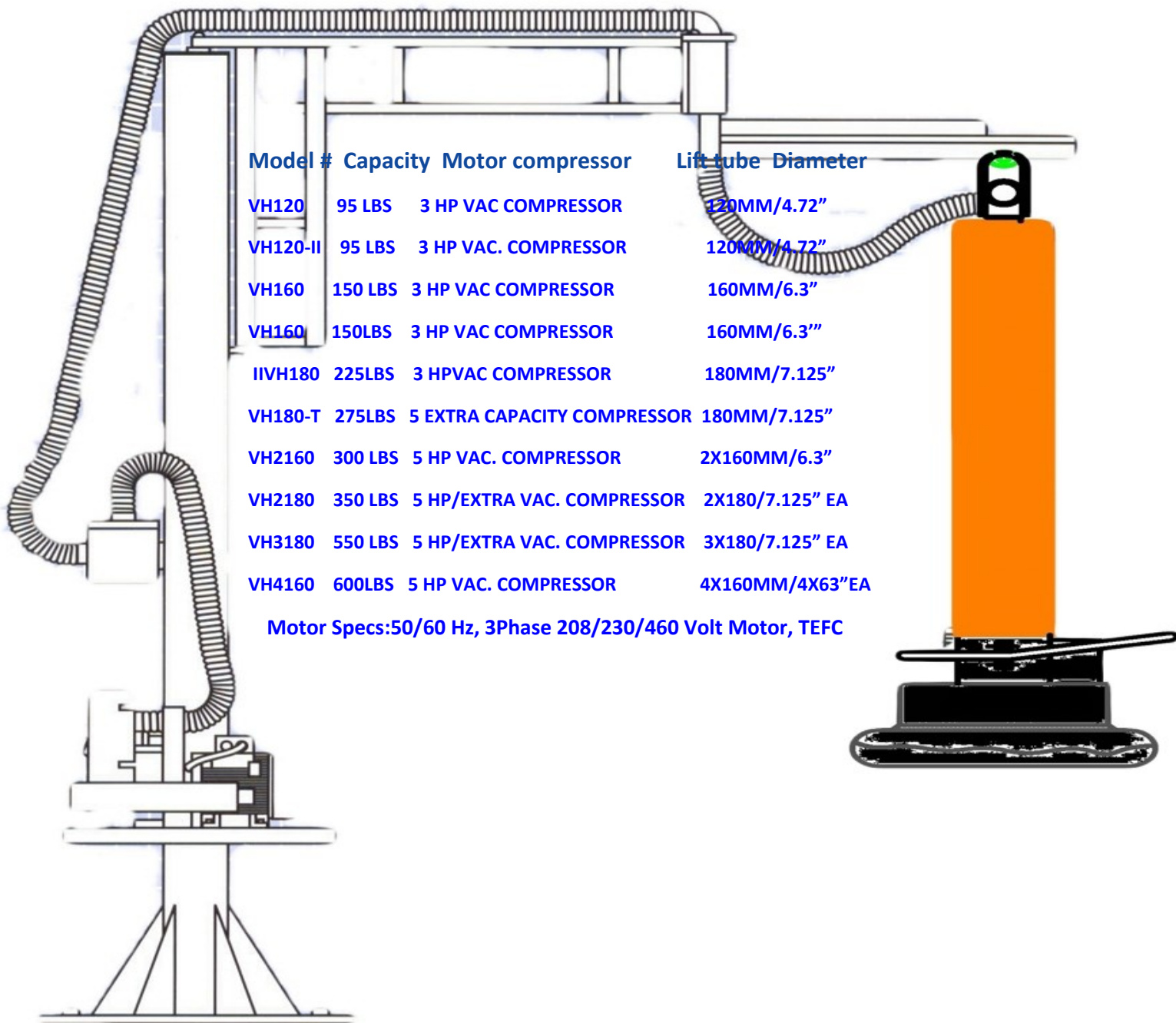
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# VACUHOIST SYSTEMS AND SIZES

VacuHoist is a self-contained vacuum-powered hoist that provides a safe and efficient way for an operator to lift, maneuver and lower virtually any object up to 600 pounds (272kg)

Whether you're lifting 95 lbs. or 600 lbs., one of VacuHoist's 10 models will offer the solution to fit your lifting needs.



# VACUHOIST MODELS

## Mini & Standard Units

Our most popular units cover a wide range of handling capability, expanding our ability to meet your lifting needs.



### VH120

For the repetitive lifting of lighter loads, this mini has the capacity to handle up to 95 lbs. All mini units are

### VACII-120

For those on a tight budget, VACII models offer VacuHoist quality with simple valving. Will allow manipulation of simple porous loads (bags & boxes) up to 95 lbs.

### VH160/180

Our standard unit, the VH160 affords great flexibility while lifting a wide variety of objects weighing up to 150 lbs.; the VH180 lifts loads up to 225 lbs. For added versatility, the VH180T utilizes extra motor/compressor capacity. Boosting lift capability to

### VACII-160

Developed for the user who wants VacuHoist quality, but who does not need the precision of our standard valving. The VACII is designed specifically for simple porous load lifting (i.e., bags & boxes, for those on a tight budget. The VAC II-160 will handle up to 150 lbs.

# MULTIPLE TUBE UNITS FOR HEAVIER LIFTING TASKS

## VH2160 OR 2180

The same power doubled! Utilizing a double lift tube design, the VH2160 has a lifting capacity

## VH3180

Three lift tubes on the VH3180 boost your lifting power to a maximum of 500 lbs. Also gives you flexibility in maneuvering multiple objects.

## STANDARD END EFFECTORS

### FOR THE VH160, VH180 AND VH180T

Common lifting applications are covered with our line of standard Vacuhoist end effectors. Shown are a representative of the standard attachments we offer to accommodate your material handling tasks.

#### 10210 Pail Foot

Circular(10" diameter)

Gasket:10211

Application examples: pails, drums



# STANDARD END EFFECTORS

## 1030LL Bag Foot

Oval with screen(9.5" x 15.75")

Gaskets: 1030L009B & 1030L010B

Application examples: Loosely packed bags, sacks

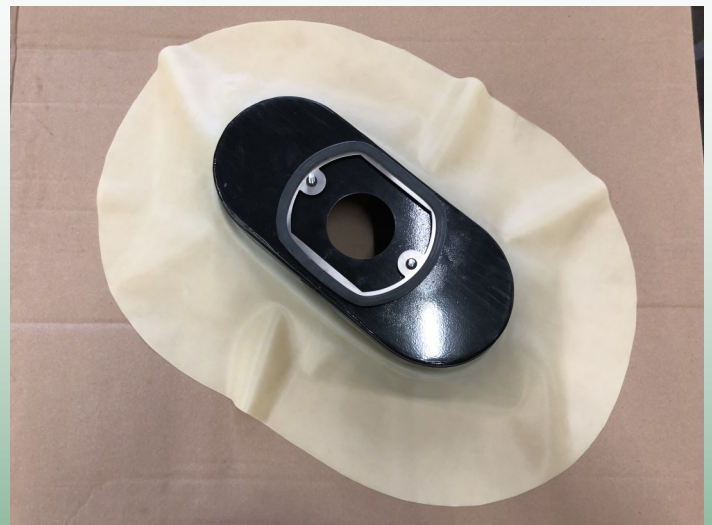


## 10300 Bag Foot

Oval (10.5" x 14")

Gasket: 10301 or 1031 (floppy)

Applications examples: paper/plastic bags, signature bundles.



# STANDARD END EFFECTORS

## 10400 End Effector

Rectangular with rounded pads

(4.75" x 22.%) Gasket 10401

Application examples: rolls, pipes, tubes, tanks, drums

## 10450 Hook Foot

Hook foot allows for mechanical lifting without suction.

Application examples: strapped product.

## 10600 Twin Pad Box Foot

Two adjustable rectangular pads

(18" yoke; 4.25" x 12.25" pad)

Gasket: 10601

Application examples: boxes, tables; any large, flat object

Also available: 10610(31" yoke) 10620

(48" yoke) 10640 (72" yoke)



# STANDARD END EFFECTORS

## 10600 Twin Pad Box Foot

Two adjustable rectangular pads  
(18" yoke; 4.25" x 12.25" pad)

Gasket: 10601

Application examples: boxes, tables; any  
large, flat object

Also available: 10610(31" yoke) 10620  
(48" yoke) 10640 (72" yoke)

## 10670 End Effector

Two adjustable circular pads (24" yoke;

## 10710 Single Pad Box Foot

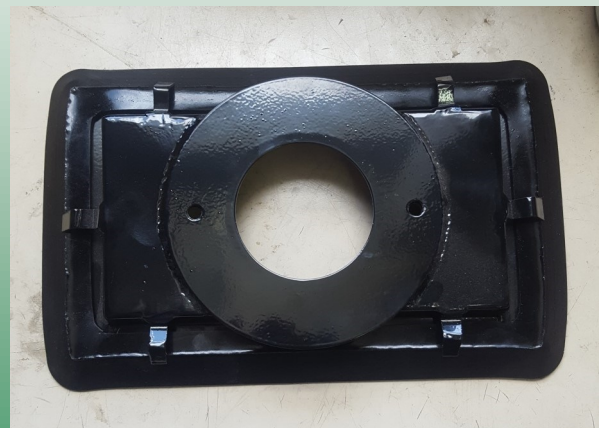
Rectangular 7.25" x 11"

Gasket 10711

Application examples: boxes, rubber  
bales, tv screens

Also available: \*10700 (8 x 13)

Gasket :10715 (7.25" x 11"—





# END EFFECTORS FOR SPECIALIZED MODELS

## MINI UNIT END EFFECTORS

### 30200 Mini Pail Foot

Circular (7.75" diameter)

Gasket: 30201

Application examples: pails

### 30300 Mini Bag Foot

Oval (6.5" x 10.75")

Gasket: 30301 or 3031 (floppy)

Application examples: paper/plastic bags; bag dumping stations.

# END EFFECTORS FOR SPECIALIZED MODELS

## MINI UNIT END EFFECTORS

### 30300LL

Oval (6.5" x 10.75")

Gasket: 30301 or 3031 (floppy)

Screen catches loose or sliced bag

Application examples: partially filled bags; bag dumping stations.



### 30600S End Effector

Two adjustable rectangular pads(18" yoke; 3.5" x 8" pads)

Gasket: 30601

Application examples: cartons

# END EFFECTORS FOR SPECIALIZED MODELS

## MINI UNIT END EFFECTORS

### 30700 End Effector

Rectangular (3.5" x 9.75")

Gasket: 30701

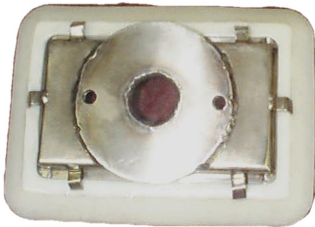
Application examples: cartons, TV monitors, car batteries

### 30710 End Effector

Rectangular (3.5" x 8.25")

Gasket: 30711

Application examples: cartons, car batteries.



## MULTIPLE TUBE UNIT END EFFECTORS

Attachments for heavy and multiple-object lifting applications

### 10630 End Effector

Four rectangular pads (4.5" x 12.25" on 6' adjustable bar.

### 10600S End Effector

Two rectangular pads (7.25" x 11") on 4' adjustable bar.

Gasket : 10711

Application examples: large plate steel, flat furniture

# STANDARD ACCESSORIES

## SIMPLE ANSWERS FOR SPECIAL NEEDS

A number of available accessories enhance your VacuHoist systems ability to answer your lifting needs.

### 10250 and 10260

Quick release Top and bottom

The 10250 attaches to the suction head and the 10260 attaches to the end effector.

Also available for VH 120:30250 ( Quick release top)30260 (quick release bottom).

### 10350 Bottom Swivel

Enables to load to rotate 360 (without rotating the handle).

Also available for VH120 ;30350

### 10801 Angle Adaptor (90)

Enables the load movement from vertical to horizontal.

Also available for VH120:30800

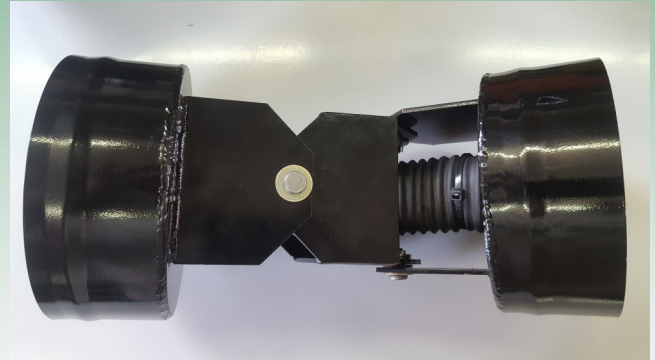


# STANDARD ACCESORIES

## PUJ001 Universal

Aids in lifting loads at various angles.

Application examples: Rubber bales.



## PBF002 Bin Filter

Approximately 500% capacity of our standard 1100 filter. Designed specifically for bag lifting applications with ability to hold an entire bag of flour in the event of bag breakage.

## ACCH001 Acoustical Hood

Aids in reducing motor noise and protects from hostile environment.

## Lift Tube Cover

Provides abrasion resistance in harsh environments.

# STANDARD ACCESSORIES

## Motor Compressor Table

For mounting of motor and compressor to wall or ErgoSys Jib Crane.

Available in two sizes: large to be used in conjunction with acoustical hood, or small for motor and compressor only.

## Flex Handle

Optional attachment which allows operator to reach to the top of stacks or across wide product without over exertion. Can be custom-made to any length. For use on VH120 unit or larger.( VAC II units N/A)

## Handle Bars

Gives the operator one more place to grip for precise placement of the load. Available on VH120 or larger.

# SPECIAL END EFFECTORS

## CUSTOM DESIGNS FOR VH MODELS

If your product or materials require special handling, we can custom design an attachment to safely and efficiently lift and maneuver it.

Below are some examples of specially designed effectors.

### Drum Dumper (Manual)

Ergonomically designed controls are bi-directional and indexed for stopping every 15° to provide ease of lifting, maneuvering and unloading of product.

Available for models VH160 and VH180.

### Spider Foot

Six adjustable suction cups enable the lifting of a wide variety of round or flat objects.

Available for models VH120, VH160, VH180 and VH180T. Shown with extended flex handle.

### Side Drum Lifter

Four curved suction feet permit easy lifting and maneuvering of cylindrical products when loose fitting lids are a concern.

Available for models VH160, VH180 and VH180T.

# SPECIAL END EFFECTORS

## CUSTOM DESIGNS FOR VH MODELS

### 10400S

Two curved suction feet lift different length rolls.

For model VH 160 and larger.

### 30500S

Two mini feet can be repositioned on spreader to accommodate special spacing restrictions.

### 10710 Offset

Standard suction pad is attached to a custom frame which allows products to be lifted from beneath shelves or other obstructions.

For use with VH160, VH 180 and VH180T



# SPECIAL END EFFECTORS

## CUSTOM DESIGNS FOR VH MODELS

Our talented engineering staff is available for customizing. Below are some more recent designs.

### 10670-CX

A modified version of the 10670. Two adjustable round pads attach to sloped sides.

For use with VH160 models and

### 10630-6

Six adjustable pads on a cross – bar allow lifting 3 boxes simultaneously.

For use with VH160 models and larger.

### Pallet Lifter

Adjustable hooks on cross-bar allow operator to adjust for quick and easy grab of varied pallet sizes.

For use with VH160 and VH180.

# SPECIAL END EFFECTORS

## CUSTOM DESIGNS FOR VH MODELS

### 10210— 12P

Round suction foot with plug plate sized to seal real core. Enables easy lifting of wide variety of rolls.

For use with VH160, VH180 and VH180T.

### 10450-1

Using VacuHoist's spring-loaded valve, this particular foot is designed to lift a 130lb. Motor compressor. Hook attachment can be styled for numerous applications where vacuum cups are not practical.

For use with VH160 and VH180.

### 30300S

Two mini bag feet are attached to spreader bar, giving flexibility in spacing.

VacuHoist, the most ergonomically advanced vacuum powered hoist on the market today. A versatile solution to your most difficult warehousing and material handling challenges. ErgoSys Rail bridge and jib cranes feature high strength-to-weight ratios, provide ease of movement, and result in higher productivity. The combination of these two systems promises to set a new standard for efficient and affordable material handling. Seeing is believing! Let us show you how VacuHoist and ErgoSys Rail could be the answer to all of your lifting problems. Call us to receive a video demonstration of any of our products!

