



# Automizer Pendulum Packer



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IDEAL FOR SOLID AND ORGANIC WASTE COLLECTION

Labrie introduces an advanced solution for solid and organic waste collection. The Automizer Pendulum Packer ensures consistent packing on routes, provides self-cleaning features, and eliminates the need for cleanout doors. Hydraulics are thoughtfully positioned outside the hopper, simplifying maintenance, and safeguarding against corrosive elements.

Consider the optional hopper crusher panel above the pendulum for compacting bulkier items. With the option of the Right-Hand™ or Alley-Hand™ automated arm, you have the versatility to tackle various routes effectively.

Trust the Automizer Pendulum Packer to enhance your waste collection operations!

## Laying the foundations for a truly exceptional product.

### LABRIE™ INNOVATIONS

With a strong emphasis on innovation, Labrie's engineering team has crafted a comprehensive range of customizable options to cater to even the most stringent customer requirements. We are poised and eager to embrace emerging industry trends and fulfill evolving customer demands. This perpetual cycle of innovation positions Labrie™ as the forefront leader in side loader solutions across North America.

### WEIGHT DISTRIBUTION

Over years of innovation, Labrie™ trucks prioritize ideal weight distribution in all models. Our ongoing objective is to achieve the perfect material balance, ensuring models collect more waste while maintaining the highest legal payload.



**ENVIROLINK™ HAS LAID THE FOUNDATIONS FOR A BRAND-NEW ERA IN TRUCK INTELLIGENCE.**

An improved multiplex network and analog system, cameras and monitors, scales, diagnostic tools, safety interlocks, alerts, GPS tracking, and more are now packaged in a more precise, reliable, and efficient Smart Collection Package.

Tailgates ranging from 0 yd<sup>3</sup> to 6 yd<sup>3</sup> based on body capacity

Zinc-plated hydraulic tubing

Single sheet of steel on the body sides

15 yd<sup>3</sup> to 37yd<sup>3</sup> body sizes available

The Pendulum Packer has no wear tracks, requires no follower panel

High tailgate seal

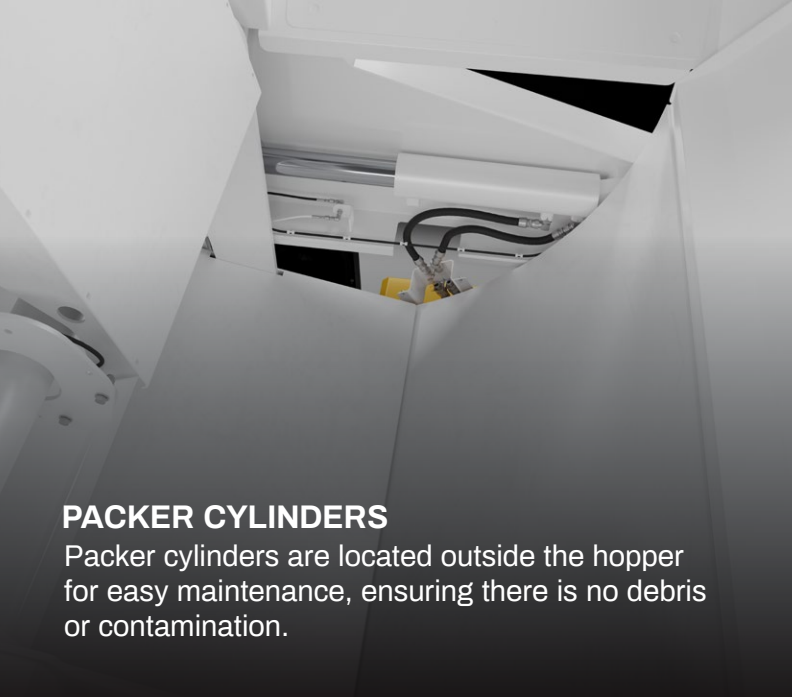
Liquid tight hopper & "self-cleaning" Pendulum Packer

|                    | AUTOMATED | MANUAL | RESIDENTIAL | COMMERCIAL | DEMOLITION | ORGANICS | ALLEYS TIGHT AREAS | RECYCLING | TIP TO DUMP | FULL EJECT | SPLIT BODY | 50>82 DGE | 50>96 DGE | 50>100 DGE | 60>97 DGE | FRAME | ROOF  | CAB   | TAILGATE | EV |  |
|--------------------|-----------|--------|-------------|------------|------------|----------|--------------------|-----------|-------------|------------|------------|-----------|-----------|------------|-----------|-------|-------|-------|----------|----|--|
| Automizer Pendulum | ●         |        | ●           |            |            | ●        | ●                  | ●         | ●           |            |            |           | ◆ CNG     |            |           |       | ◆ CNG | ◆ CNG | ◆ CNG    | ●  |  |



### **PATENTED PENDULUM PACKER**

The Patented Pendulum Packer is low maintenance with no wear tracks or follower panel. Ideal for organics and solid waste with its sealed hopper.



### **PACKER CYLINDERS**

Packer cylinders are located outside the hopper for easy maintenance, ensuring there is no debris or contamination.



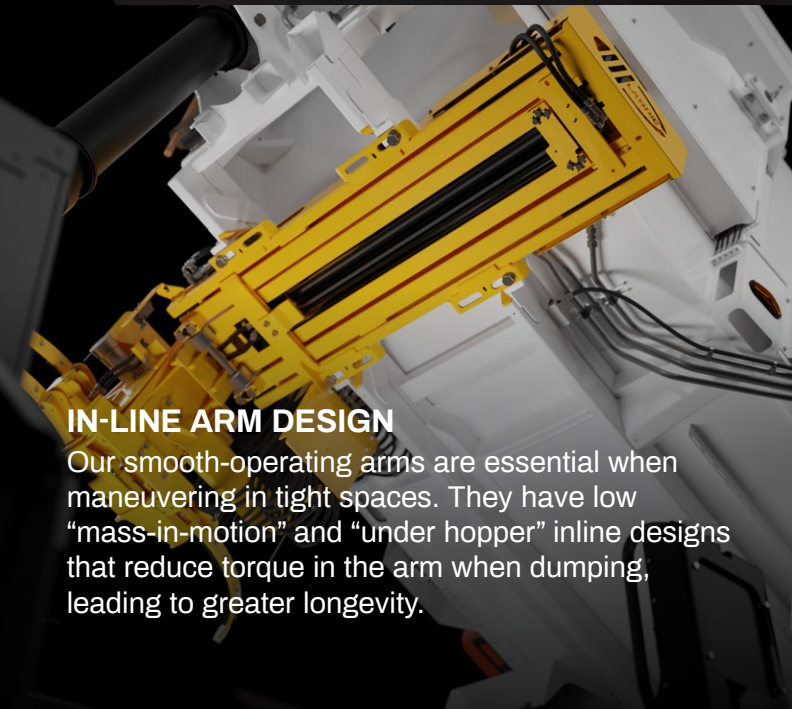
### **TAPERED BODY**

Our years of experience in waste collection have led us to create a proven, tapered body design. The rounded and tapered shape of the body sides and roof increases the compaction ratio by retaining the majority of the material at the back of the body.



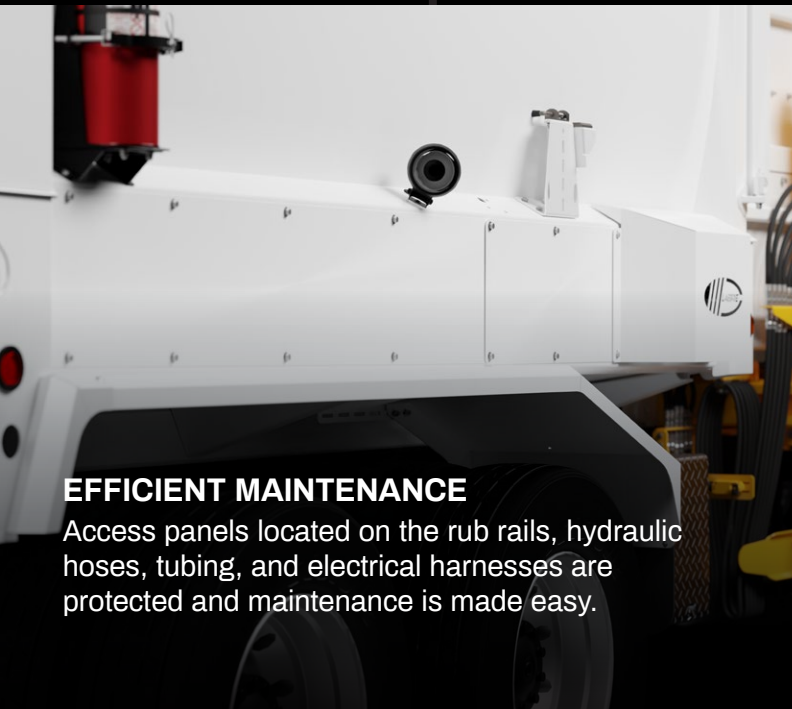
### **TWO ARMS TO MEET THE CHALLENGE**

Choice of either the industry-standard Right-Hand™ or the nimble Alley-Hand™.



### **IN-LINE ARM DESIGN**

Our smooth-operating arms are essential when maneuvering in tight spaces. They have low “mass-in-motion” and “under hopper” inline designs that reduce torque in the arm when dumping, leading to greater longevity.



### **EFFICIENT MAINTENANCE**

Access panels located on the rub rails, hydraulic hoses, tubing, and electrical harnesses are protected and maintenance is made easy.

# Automizer Pendulum Packer Specifications

## Body Specifications

|                    |                         |
|--------------------|-------------------------|
| Body Floor         | 0.157" AR450 175,000psi |
| Body Sides (lower) | 10ga A1011 80,000psi    |
| Body Roof          | 10ga A1011 80,000psi    |
| Tailgate           | 12ga A1011 80,000psi    |

## Cylinder Specifications

|   |   |
|---|---|
| Body Lifting Cylinder (15yd <sup>3</sup> bodies)    | 4 stages 6-1/16" bore x 132" stroke     |
| Body Lifting Cylinder (20yd <sup>3</sup> bodies)    | 4 stages 6-1/16" bore x 150" stroke     |
| Body Lifting Cylinder (27-31yd <sup>3</sup> bodies) | 4 stages 6-1/16" bore x 180" stroke     |
| Packer Cylinders                                    | 5" bore x 3-1/2" rod x 18-1/2" stroke   |
| Tailgate Cylinders                                  | 2-1/2" bore x 1-3/4" rod x 39" stroke   |
| Arm Extension Cylinders                             | 1-1/2" bore x 1" rod x 52-15/16" stroke |
| Grabber Cylinders                                   | 1-1/2in bore x 1" rod x 6-3/8in stroke  |

## Hydraulic Specifications

|                   |  |
|-------------------|--|
| Pump Make & Model | Dual Vane  |
| Pump Capacity     | BODY: 20.4 gpm@700 rpm;<br>ARM: 16.3 gpm@700 rpm |
| Oil Reservoir     | 84 to 94 gal                                     |

## Arm Specification

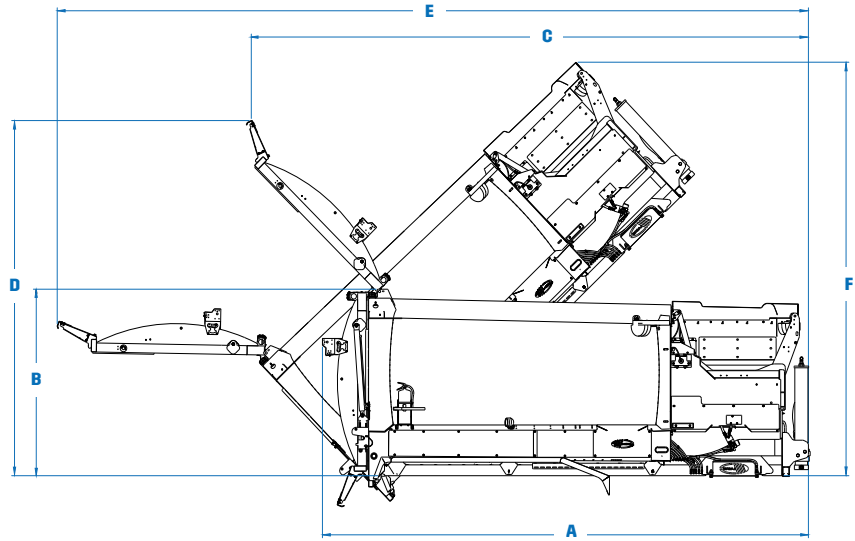
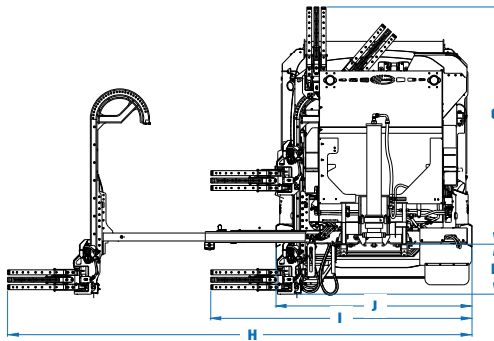
|                   |  |
|-------------------|--|
| Arm Lift Capacity | 550 lbs  |
| Arm Reach         | 149.5  |
| Swing out         | 0"   |
| Arm Controls      | Proportional joystick, electric over hydraulic |

## Hopper Specifications

|                                |                                |
|--------------------------------|--------------------------------|
| Hopper Size (yd <sup>3</sup> ) | 3.3                            |
| Hopper Floor                   | 5/16" Hardox 450<br>175,000psi |
| Hopper Side                    | 5/16" Hardox 400<br>140,000psi |

## Packer Specifications

|   |                         |
|---|-------------------------|
| Compaction ratio (lbs/yd <sup>3</sup> ) | 700                     |
| Packer Panel Face Plate                 | 5/16" AR400, 140,000psi |
| Packer Width                            | 62 5/8"                 |
| Packer Height                           | 13.5"                   |
| Packer Stroke                           | 47.5"                   |



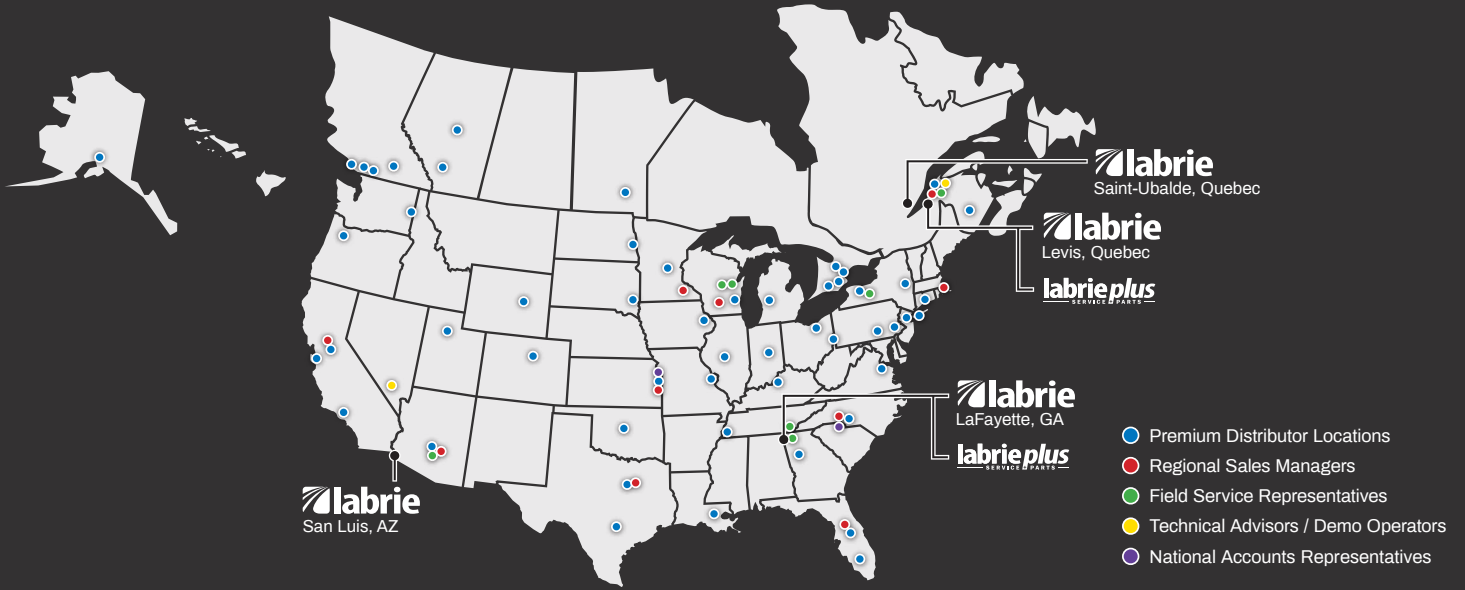
## Body Dimensions

15yd<sup>3</sup> 17yd<sup>3</sup> 19yd<sup>3</sup> 21yd<sup>3</sup> 20yd<sup>3</sup> 22yd<sup>3</sup> 24yd<sup>3</sup> 26yd<sup>3</sup> 27yd<sup>3</sup> 29yd<sup>3</sup> 31yd<sup>3</sup> 33yd<sup>3</sup> 31yd<sup>3</sup> 33yd<sup>3</sup> 35yd<sup>3</sup> 37yd<sup>3</sup>  
(15+0) (15+2) (15+4) (15+6) (20+0) (20+2) (20+4) (20+6) (27+0) (27+2) (27+4) (27+6) (31+0) (31+2) (31+4) (31+6)

|  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| A. Overall Length, Tailgate Closed (in.)                           | 203 | 209 | 222 | 237 | 231 | 237 | 250 | 265 | 271 | 277 | 290 | 305 | 301 | 307 | 320 | 335 |
| Overall Width (in.)  | 102 | 102 | 102 | 102 | 102 | 102 | 102 | 102 | 102 | 102 | 102 | 102 | 102 | 102 | 102 | 102 |
| B. Overall Height Above Frame, Tailgate Closed (in.)               | 103 | 103 | 103 | 103 | 103 | 103 | 103 | 103 | 103 | 103 | 103 | 103 | 103 | 103 | 103 | 103 |
| C. Overall Length, Tailgate Open (in.)                             | 253 | 253 | 253 | 253 | 281 | 281 | 281 | 281 | 318 | 318 | 318 | 318 | 351 | 351 | 351 | 351 |
| D. Overall Height Above Frame, Tailgate Open (in.)                 | 197 | 197 | 197 | 197 | 197 | 197 | 197 | 197 | 197 | 197 | 197 | 197 | 197 | 197 | 197 | 197 |
| E. Overall Length, Dumping Position (in.)                          | 362 | 362 | 362 | 362 | 390 | 390 | 390 | 390 | 429 | 429 | 429 | 429 | 456 | 456 | 456 | 456 |
| F. Overall Height Above Frame, Dumping Position (in.)              | 183 | 183 | 183 | 183 | 202 | 202 | 202 | 202 | 229 | 229 | 229 | 229 | 243 | 243 | 243 | 243 |
| G. Overall Height Above Frame When Dumping (in.)                   | 111 | 111 | 111 | 111 | 111 | 111 | 111 | 111 | 111 | 111 | 111 | 111 | 111 | 111 | 111 | 111 |
| H. Overall Width, Arm Out, Grabber Closed (in.)                    | 241 | 241 | 241 | 241 | 241 | 241 | 241 | 241 | 241 | 241 | 241 | 241 | 241 | 241 | 241 | 241 |
| I. Overall Width, Arm In, Grabber Closed (in.)                     | 136 | 136 | 136 | 136 | 136 | 136 | 136 | 136 | 136 | 136 | 136 | 136 | 136 | 136 | 136 | 136 |
| J. Overall Width, Arm In, Grabber Open (in.)                       | 102 | 102 | 102 | 102 | 102 | 102 | 102 | 102 | 102 | 102 | 102 | 102 | 102 | 102 | 102 | 102 |
| K. Distance between bottom of Grabber and chassis frame rail (in.) | 25  | 25  | 25  | 25  | 25  | 25  | 25  | 25  | 25  | 25  | 25  | 25  | 25  | 25  | 25  | 25  |

## Performance Specifications

|                      |                         |   |                     |
|----------------------|-------------------------|---|---------------------|
| Arm In (96" reach)   | 2.0 sec @ 700 rpm       | Packer complete cycle                     | 22 sec @ 700 rpm    |
| Arm In (144" reach)  | 3.0 sec @ 700 rpm       | Tailgate Open                             | 21 sec @ 700 rpm    |
| Arm Out (96" reach)  | 2.2 sec @ 700 rpm       | Tailgate Close (with Safety Flow limiter) | 26 sec @ 700 rpm    |
| Arm Out (144" reach) | 3.3 sec @ 700 rpm       | Body Up (depending on body size)          | 30-40 sec @ 700 rpm |
| Arm Up               | 4.0 - 5.0 sec @ 700 rpm | Body Down (depending on body size)        | 15-25 sec @ 700 rpm |
| Arm Down             | 3.5 - 4.5 sec @ 700 rpm | Crusher panel Up                          | 5 sec @ 700 rpm     |
| Grabber Open         | 1.5 - 2.0 sec @ 700 rpm | Crusher panel Down                        | 4 sec @ 700 rpm     |
| Grabber Close        | 1.5 - 2.0 sec @ 700 rpm |   |                     |



## Our North American network is dedicated to quality.

Labrie™ trucks are supported by over 30 top-tier distributors spanning across 50+ sites in the US and Canada, guaranteeing a commitment to driving excellence and providing expert support.



Opt for the Labrie™ Pronto Stock Program when a pre-built model makes sense. Benefit from expedited delivery, cost savings, and a wide selection of models designed to cater to even the most demanding collection needs.



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# DRIVE EXCELLENCE™



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