



SYSTEM DESCRIPTION:

The model AL-1 Atlas Lightning Loader is a heavy duty grapple loader mounted onto a chassis from behind the cab, equipped with Petersen’s Big Bite® bucket at the end of the boom. The loader operates from a seated platform that rotates with the boom. CNG Capable.

LIFT CAPACITY

Radius	Load Capacity
10 ft. radius	9,400 lbs.
15 ft. radius	6,300 lbs.
20 ft. radius	4,500 lbs.
25 ft. radius	2,800 lbs.

**Note:** Weight of attachment not subtracted from above listed lifting capacities. Trash bucket weighs 1,000 lbs. Capacities shown do not exceed 85% vehicle tipping moment (outriggers engaged, loader on firm, level ground.)

GENERAL SPECIFICATIONS

Reach	25 ft.
⚙ Main Boom & Tip Boom	21 ft.
⚙ Tip Extension	4 ft.
Tare Weight (empty)	28,000 lb. est.
Outrigger Span	11 ft. 8 in.
Dump Body Hoist Capacity	31 tons

RECOMMENDED CHASSIS (MINIMUM)

Body Style	Conventional Cab
Cab-to-Axle Dimension	Contact PI for specifics
Frame	2,500,000 RBM
Frame Thickness	Double Frame
Engine	300 HP Diesel
Transmission	Allison 3000 or 4000 RDS
Electrical	Remote engine & transmission connectors

\*Drop Axle requires special consideration due to scissor hoist clearance\*  
\*Always contact Petersen Industries for specific chassis requirements

CONTROL OPTIONS:

DUAL WALK-THRU WITH QUADSTICK® CONTROLS (LEFT): Dual walk-thru controls are located on both sides of the truck for greater accessibility and visibility. QUADSTICK® dual joystick controls are fully proportional and mechanically linked to the valve bank.

DUAL WALK-THRU WITH PILOT CONTROL JOYSTICKS (RIGHT): Dual pilot joysticks are conveniently located on each side of the dual walk-thru operator platform. These controls are also fully proportional.



SCAN TO  
LEARN MORE



4000 SR 60 West  
Lake Wales, FL 33859  
1.800.930.LOAD (5623)



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Contact Us Today To Learn More

AL-1 LIGHTNING LOADER®



WE BUILD LEGENDS.®





## Description

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MODEL:

**PETERSEN ATLAS 25' BOOM - AL-1 MODEL**

### STANDARD EQUIPMENT INCLUDED

BASE TRUCK MOUNT ATLAS LOADER  
TOP MOUNT OPERATOR'S SEAT W/ DRIVER-SIDE LADDER  
PILOT HYDRAULIC JOYSTICK CONTROLS W/ FOOT PEDAL SWING CONTROLS  
CONTINUOUS BOOM ROTATION  
BIG-BITE BUCKET W/ TWIN CYLINDER BUCKET (UPGRADE)  
WIRE LOOM FOR BODY WIRING  
"H" STYLE 4-WAY OUTRIGGERS  
BOOM UP WARNING LIGHT & AUDIBLE ALARM  
HD CONTROL BOX AT OPERATOR'S STATION: THROTTLE UP, HORN, & ENGINE KILL SWITCH  
TANDEM PUMP  
HOT SHIFT PTO - OPERATE IN NEUTRAL ONLY  
LED LIGHTING PACKAGE  
STANDARD WARRANTY: 1-YEAR HYDRAULIC & 3-YEAR STRUCTURAL  
INCLUDES STD PAINT & INSTALLATION ON SUITABLE CHASSIS  
NOTE: CHASSIS SPECS MUST BE APPROVED BY PETERSEN  
**TRASH BODY, 40 YD CAPACITY - 2240 XDX 22' X 40 YDS: 3/16" HARDOX SIDES & FLOORS**

### DEALER SERVICES INCLUDED

FREIGHT TO AMICK EQUIPMENT  
PDI & ONE (1) LOCAL MOVE TO TRUCK DEALER OR END USER  
AECI MOBILE ON-SITE WARRANTY PKG., 1 YR  
ON-SITE TRAINING - PROVIDED BY REQUEST