



AL-2 with 2240 MHX body shown,
other body sizes and styles available.

SYSTEM DESCRIPTION:

The model AL-2 Atlas Lightning Loader is a heavy duty twin-spar 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.

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 | 27 ft. |
| ⚙ Main Boom & Tip Boom | 23 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



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AL-2 LIGHTNING LOADER®



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Description

MODEL:

PETERSEN ATLAS 27' BOOM - AL-2 MODEL

STANDARD EQUIPMENT INCLUDED

BASE TRUCK MOUNT ATLAS LOADER
TOP MOUNT OPERATOR'S SEAT W/ DRIVER-SIDE LADDER
MECHANICAL JOYSTICK CONTROLS W/ FOOT PEDAL SWING CONTROLS
BIG-BITE BUCKET W/ TWIN CYLINDER BUCKET (UPGRADE)
WIRE LOOM FOR BODY WIRING
"A" STYLE 4-WAY OUTRIGGERS
BOOM UP WARNING LIGHT & AUDIBLE ALARM
HD CONTROL BOX AT OPERATOR'S STATION: THROTTLE UP, HORN, & ENGINE KILL SWITCH
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