EPSILON REFUSE LOADERS
Customized solutions, to grow your business

LIFETIME EXCELLENCE
Since 1932, PALFINGER has been among the leading manufacturers of hydraulic lifting solutions. We began manufacturing EPSILON Timber and Refuse Loaders in 1980, and in 1989 opened our North American Headquarters to offer solutions tailored to the North American market. Today, EPSILON Loaders are a global leader in the timber and refuse segment.

The market offers various choices when it comes to selecting your equipment provider - and we know it’s not an easy decision. Your challenges every day in the field matter, and that’s why we put so much passion into our loaders. Trust our expertise and rely on our wide product portfolio to configure the right loader - customized for your needs across timber, refuse, rail, scrap and off-road applications.

By investing in EPSILON, you are selecting well established machines, a trusted global brand, and a reliable partner. With EPSILON you have a partner who understands your application and creates solutions to improve your comfort and productivity.

A-Line: Traditional A-Frame design with up to 32’ of reach available
Z-Line: The compact loader folds away when stowed increasing bed space, saving operational time when dumping, and keeps the loader safe from debris during transport
L-Line: An H-frame design with numerous control options, long reaches, and out/down stabilizers

Our main guiding principal is to make you more successful with the help of our advanced machines, market experience, technical skills and committed employees.

TO LOCATE A DISTRIBUTOR NEAR YOU VISIT WWW.PALFINGER.COM
Equipped with the EPSLINK and EPSCOPE operating system, the EPSILON A-Line provides unmatched protection and performance in harsh working environments. Models range from a fixed 23’ boom to a market leading 32’ double telescope.

## A-LINE

### CONFIGURATIONS & FEATURES

- **Chassis requirement 33,000 GVWR or greater**
- **Behind cab, rear and trailer mounts available**
- **Body sizes range from 28 to 54 cu. yd capacity**
- **HARDOX construction**
- **Single acting front mounted telescopic lift cylinder**
- **42” Refuse grapple with high wear resistant easy replaceable blades**
- **Grapple / rotator features Protect Connect mounting system**
- **Truck control options available from top seat: engine stop, RPM+/-, emergency cut-off**
- **Centralized, weather proof electrical junction box with circuit breakers**
- **User friendly equipment data system**

### CUSTOMIZED SOLUTIONS TO MEET EVERY APPLICATION

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- Behind cab, rear and trailer mounts available
- Body sizes range from 28 to 54 cu. yd capacity
- HARDOX construction
- Single acting front mounted telescopic lift cylinder
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- User friendly equipment data system

### NEW GENERATION COLD WEATHER PACKAGE

Optional equipment for harsh environment. Heated seat and backrest.

### EPSHOOD

Optional protection hood for operators. Thermoplastic hood protects the operator from sun, wind, rain and snow.

### COMFORT DRIVE

- Ergonomic arm rests/welded down joysticks
- Safety frame and cover
- Large seat area
- Additional electric switches

### DOUBLE ROW BEARING

Specially developed for heavy duty work to reduce maintenance

### LINKAGE SYSTEM

Between main and outer boom
- More lifting power in the areas that matter
- Constant speed and smooth operation throughout the total working area
- Cylinder protected from load debris/body

### CONTROL VALVE

High quality Parker F130CF control valve with dual high pressure filters & intank return filter

### FRAME MOUNT OIL COOLER

- Reduces installation time
- Space-saving solution
- No additional installation required
- Perfectly protected between ladder & frame

### OPERATING PRESSURE/FLOW

<table>
<thead>
<tr>
<th>MODEL</th>
<th>EXTENSION TYPE</th>
<th>FIXED LIFTING CAPACITY / LBS.</th>
<th>FREEዘ отметаье</th>
<th>MAX CAPACITY AT FULL EXTENSION / LBS.</th>
<th>MAX OUTREACH / FT.</th>
<th>WEIGHT WITHOUT ROTATOR/GRAB/OILSLEWING TORQUE / FT. LBS.</th>
<th>RPM RANGE DEGREES</th>
<th>OPERATING PRESSURE/FLOW</th>
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<tbody>
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<td>M13A</td>
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<td>4,930</td>
<td>14,010</td>
<td>Continuous</td>
<td>3,410 - 2x21</td>
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<td></td>
<td>SINGLE</td>
<td>9,260</td>
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<tr>
<td></td>
<td>DOUBLE</td>
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<td>32</td>
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</table>

### UNDERSLING LINKAGE SYSTEM

Between main and outer boom
- More lifting power in the areas that matter
- Constant speed and smooth operation throughout the total working area
- Cylinder protected from load debris/body

### DOUBLE ROW BEARING

Specially developed for heavy duty work to reduce maintenance

### CONTROL VALVE

High quality Parker F130CF control valve with dual high pressure filters & intank return filter

### FRAME MOUNT OIL COOLER

- Reduces installation time
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### COMFORT DRIVE

- Ergonomic arm rests/welded down joysticks
- Safety frame and cover
- Large seat area
- Additional electric switches

### COLD WEATHER PACKAGE

Optional equipment for harsh environment. Heated seat and backrest.
THE BULK WASTE SOLUTION

Both the M100L and C70L feature a long main boom designed for maximum protection with a top mounted outer boom cylinder. The main lift cylinder is protected by a heavy-duty steel guard, and the EPSCOPE/EPSLINK provide unmatched protection with internal routed hoses and components. The double rack slewing system provides an industry-leading torque rating, and features like the linkage system provide the best weight to lift ratio in its class.

M100L/C70L

Both the M100L and C70L feature a long main boom designed for maximum protection with a top mounted outer boom cylinder. The main lift cylinder is protected by a heavy-duty steel guard, and the EPSCOPE/EPSLINK provide unmatched protection with internal routed hoses and components. The double rack slewing system provides an industry-leading torque rating, and features like the linkage system provide the best weight to lift ratio in its class.

- Comfort Drive
  - Ergonomic arm rests with fold down joysticks
  - Safety frame and cover
  - Large seat area
  - Additional electric switches

- Radio Remote Control
  - Provides the operator freedom to control the loader from a distance and greater control of the loading area

- Flexibility
  - Stabilizers range from 0 to 180 degree tilt

- Double Rack Slew System
  - Sealed in an oil bath. Two solid round racks with sectionalized pistons, and end of stroke suppression provide the ultimate in slewing power

- Customized Solutions to Meet Every Application
  - Non CDL packages available
  - Body sizes ranging from 24 to 54 cubic yard capacity
  - DOMEX or HARDOX construction
  - Double acting, underbody scissor hoist
  - Pneumatic dump body controls located on operator station
  - Heavy duty behind cab operator pass through platform
  - RPM +/- controls at both operator stations
  - High visibility strobe lights mounted on stabilizers with in-cab switch
  - 42” Refuse grapple with high wear resistant, easy replaceable blades
  - Grapple/rotator feature Protect Connect mounting system
  - User friendly equipment data system

<table>
<thead>
<tr>
<th>Model</th>
<th>Extension Type</th>
<th>Max Lift Capacity / LBS.</th>
<th>Max Capacity at Full Extension / LBS.</th>
<th>Max Outreach / FT.</th>
<th>Weight Without Rotator/Grab/Oilslewing Torque / FT. LBS.</th>
<th>Slew Range / Degrees</th>
<th>Operating Pressure/FLOW</th>
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<td>3,726</td>
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<td>M100L72</td>
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<td>425</td>
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</table>

- Flexibility
  - Stabilizers range from 0 to 180 degree tilt

- Radio Remote Control
  - Provides the operator freedom to control the loader from a distance and greater control of the loading area

- Comfort Drive
  - Ergonomic arm rests with fold down joysticks
  - Safety frame and cover
  - Large seat area
  - Additional electric switches

- Double Rack Slew System
  - Sealed in an oil bath. Two solid round racks with sectionalized pistons and end of stroke suppression provide the ultimate in slewing power
Z-Line models offer a clear time savings advantage and keep the operator out of the elements. It is not necessary for the operator to leave the cab or move the loader to dump the load - the operator stays comfortably inside the truck. Capacities range from the 2.5 ton C70 to the 7.5 ton S260 with reaches to 31’ 6”.

### CONFIGURATIONS & FEATURES

#### Z-Line

- **Top Seat Controls**: Top Seat provides enhanced comfort and a clear view of operation
- **Stand Up Controls**: Available in single side or double configurations, with or without Radio Remote Controls.
- **Cam - EPSCab**: Provides the ultimate comfort and protection from the elements.
- **Radio Remote Control**: Provides the operator freedom to control the loader from a distance and greater control of the loading area.

### Z-LINE

#### THE TIME SAVER

**Consisting of 4 spot lights:**
- 2 on top seat, 2 on outer boom

#### CUSTOMIZED SOLUTIONS

- Non CDL packages available
- Virtually unlimited compatibility with all fixed body sizes and types
- Truck mounted crane with cable hoist or hooklift option
- Skid mounted crane for use on either a cable hoist or hooklift roll-off
- Crane options available to accommodate CNG chassis installations
- Available control options include: top seat, stand-up, radio, and cabin
- Heavy duty operator seat access platforms and/or above cab catwalks
- Engine start/stop and RPM +/- controlled from operator station
- Multiple grapple configurations that stow along with crane
- User friendly equipment data system

### LINKAGE SYSTEM

Between column and main boom:
- More lifting power in the areas that matter
- Constant speed and smooth operation throughout the total working area

### DOUBLE RACK SLEWING SYSTEM

Sealed in an oil bath. Two solid round racks with sectioned pistons and end of stroke suppression provide the ultimate in slewing power.

#### SPOT LIGHTS

Consisting of 4 spot lights:

- **M110Z**
  - Single: 7,341 lbs, 3,086 lbs, 25.6 ft, 4,696 lbs
  - Double: 7,385 lbs, 2,601 lbs, 27.6 ft, 4,938 lbs

- **Q150Z**
  - Single: 10,582 lbs, 4,497 lbs, 26 ft, 5,622 lbs
  - Double: 10,274 lbs, 3,241 lbs, 31.6 ft, 5,908 lbs

### MODEL EXTENSION TYPE

- **M110Z**
  - Single: 7,341 lbs, 3,086 lbs, 25.6 ft, 4,696 lbs
  - Double: 7,385 lbs, 2,601 lbs, 27.6 ft, 4,938 lbs

- **Q150Z**
  - Single: 10,582 lbs, 4,497 lbs, 26 ft, 5,622 lbs
  - Double: 10,274 lbs, 3,241 lbs, 31.6 ft, 5,908 lbs

### OPERATING PRESSURE

- **M110Z**: 425 psi, 3,553 - 2x18
- **Q150Z**: 425 psi, 3,408 - 2x21

### CUSTOMIZED SOLUTIONS

- Non CDL packages available
- Virtually unlimited compatibility with all fixed body sizes and types
- Truck mounted crane with cable hoist or hooklift option
- Skid mounted crane for use on either a cable hoist or hooklift roll-off
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- Heavy duty operator seat access platforms and/or above cab catwalks
- Engine start/stop and RPM +/- controlled from operator station
- Multiple grapple configurations that stow along with crane
- User friendly equipment data system
L-LINE

Expect low maintenance operation with the L-Line model range. All vulnerable components are routed internally or guarded for maximum protection thanks to features like EPSCOPE and EPSLINK and the top-mounted outer boom cylinder.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>EXTENSION TYPE</th>
<th>MAX CAPACITY FT.</th>
<th>MAX CAPACITY FT. EXTENSION</th>
<th>MAX REACH FT.</th>
<th>WEIGHT WITHOUT ROTATOR/GRAB/OILSLEWING</th>
<th>TORQUE FT. LBS.</th>
<th>REACHABLE DEGREES</th>
<th>OPERATING PRESSURE/FLOW</th>
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<td>Q150L</td>
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<td>6,396</td>
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</tbody>
</table>

The S260L130 canal maintenance package features a 20’ 30 cubic yard body with side cleanout doors, a boom rest, and four corner PVC drains. The clamshell is extra wide and perforated for drainage. The loader features over 40’ of reach with a net capacity of 2,500-lbs at full reach.

Non CDL packages available! The C70L77 weighs only 3,200-lbs yet can lift 1,900-lbs @ 25’. The perfect package for versatility in both operation and application.

The EPSCAB provides an elevated working position and the ultimate in comfort for long hours of operation whether at the transfer station or scrap yard, loaders equipped with the EPSCAB will keep the operator protected from the elements while increasing production.

Most Versatile Loader

Top Seat Controls
Top Seat provides enhanced comfort and a clear view of operation

Stand Up Controls
Available in single side or double configurations, with or without Radio Remote Controls

Radio Remote Control
Provides the operator freedom to control the loader from a distance and greater control of the loading area

Top Seat Controls

Stand Up Controls

EPSCAB
Provides the ultimate comfort and protection from the elements

RADIO REMOTE CONTROL

TOP SEAT CONTROLS

STAND UP CONTROLS

EPSCAB

The M110L80 & Q150L80 packages are designed for single or tandem axle trucks. These loaders provide options for longer reaches (32’) with higher capacities (3,870-lbs @ 25’) and numerous control variations. The out and down stabilizers provide increased stability for those heavy picks.