

EPSILON REFUSE LOADERS

Customized solutions,
to grow your business

LIFETIME EXCELLENCE





YOUR SOLUTIONS

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



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.

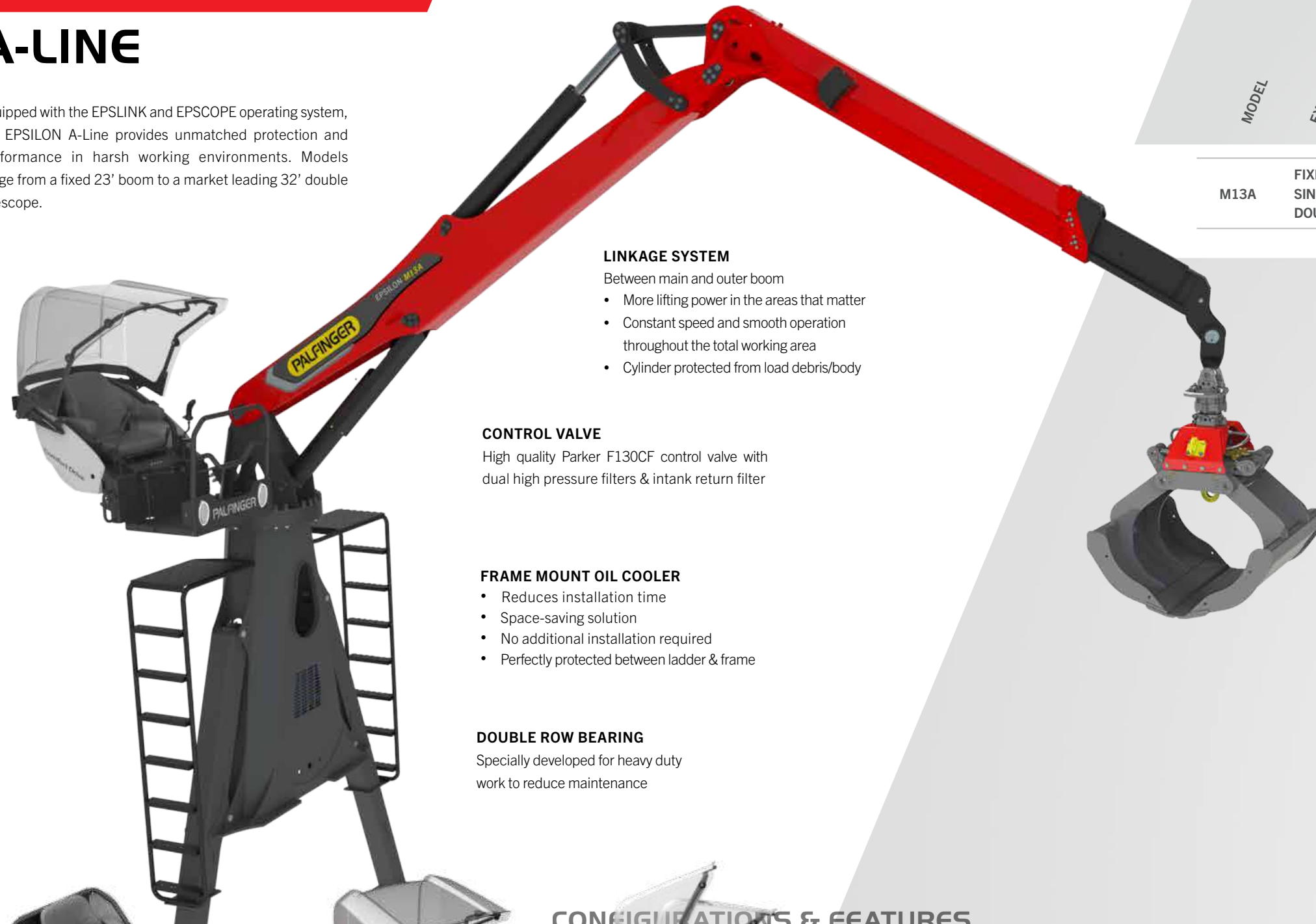


Our main guiding principal is to make you more successful with the help of our advanced machines, market experience, technical skills and committed employees.

TO LOCATE A DISTRIBUTOR NEAR YOU
VISIT WWW.PALFINGER.COM

A-LINE

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.



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

DOUBLE ROW BEARING

Specially developed for heavy duty work to reduce maintenance

CONFIGURATIONS & FEATURES



COMFORT DRIVE

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



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.

MODEL	EXTENSION TYPE	MAX LIFTING CAPACITY / LBS.	MAX CAPACITY AT FULL EXTENSION / LBS.	MAX OUTREACH / FT.	WEIGHT WITHOUT ROTATOR/GRAB/OIL	SLEWING TORQUE / FT. LBS.	SLEWING ANGLE / DEGREES	OPERATING PRESSURE/FLOW
M13A	FIXED	9,650	3,570	22.6	4,930	14,010	Continuous	3,410 - 2x21
	SINGLE	9,260	3,000	26	5,280			
	DOUBLE	8,580	2,380	32	5,540			

CUSTOMIZED SOLUTIONS TO MEET EVERY APPLICATION

- 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



M100L/C70L

Both the M100 and C70 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.

MODEL	EXTENSION TYPE	MAX LIFTING CAPACITY / LBS.		MAX CAPACITY AT FULL EXTENSION / LBS.	MAX OUTREACH / FT.	WEIGHT WITHOUT ROTATOR/GRAB/OIL	SLEWING TORQUE / FT. LBS.	SLEWING ANGLE / DEGREES	OPERATING PRESSURE/FLOW
C70L77	SINGLE	4,938	2,072	25	3,726	13,276	425	2,900 - 1x18	
M100L72	SINGLE	7,780	3,280	23.6	4,010	17,701	425	3,118 - 1x21	



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
- Dump body control valve mounted on driver's side
- 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

CONFIGURATIONS & FEATURES



COMFORT DRIVE

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



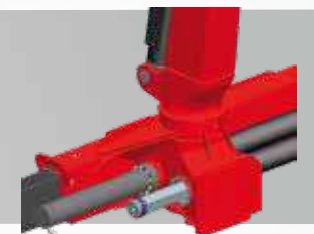
RADIO REMOTE CONTROL

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 SLEWING 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

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".



SPOT LIGHTS
Consisting of 4 spot lights:
2 on top seat, 2 on outer boom

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 sectionalized pistons and end of stroke suppression provide the ultimate in slewing power

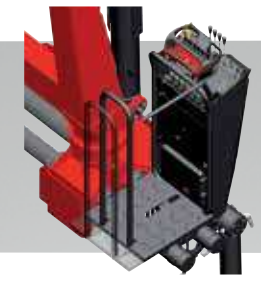
CUSTOMIZED SOLUTIONS

- 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: topseat, 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

CONFIGURATIONS & FEATURES



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

MODEL	EXTENSION TYPE	MAX LIFTING CAPACITY / LBS.	MAX CAPACITY AT FULL EXTENSION / LBS.	MAX OUTREACH / FT.	WEIGHT WITHOUT ROTATOR/GRAB/OIL	SLEWING TORQUE / FT. LBS.	SLEWING ANGLE / DEGREES	OPERATING PRESSURE/FLOW
M110Z	SINGLE	7,341	3,086	25.6	4,696	19,914	425	3,553 - 2x18
	DOUBLE	7,385	2,601	27.6	4,938			
	DOUBLE	7,121	2,205	31.6	4,916			
Q150Z	SINGLE	10,582	4,497	26	5,622	22,127	425	3,408 - 2x21
	DOUBLE	10,582	4,079	27.6	5,644			
	DOUBLE	10,274	3,241	31.6	5,908			

MOST VERSATILE LOADER

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.

CONFIGURATIONS & FEATURES



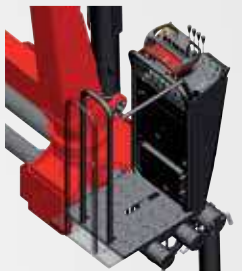
RADIO REMOTE CONTROL

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



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



EPSCAB

Provides the ultimate comfort and protection from the elements



The M110L80 & Q150L80 packages are designed for single or tandem axle trucks. These loaders provide options for longer reaches (32') with higher capacities (3,970-lbs @ 25') and numerous control variations. The out and down stabilizers provide increased stability for those heavy picks.



The S260L130 canal maintenance package features a 20' x 30 cubic yard body with side clean out 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.

MODEL	EXTENSION TYPE	MAX LIFTING CAPACITY / LBS.	MAX CAPACITY AT FULL EXTENSION / LBS.	MAX OUTREACH / FT.	WEIGHT WITHOUT ROTATOR/GRAB/OIL	SLEWING TORQUE / FT. LBS.	SLEWING ANGLE / DEGREES	OPERATING PRESSURE/FLOW
M110L	SINGLE	7,937	2,866	26	4,453	19,914	425	3,408 - 2x18
	DOUBLE	7,584	2,381	32	4,718			
Q150L	SINGLE	10,406	3,792	26	5,313	22,127	425	3,480 - 2x21
	DOUBLE	9,987	3,219	32	5,710			
S260L	FIXED	11,464	3,726	42	6,197	28,765	385	4,061 - 2x21
	SINGLE	11,244	3,549	42.6	6,396			

Epsilon Refuse Loaders. 05/18

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Products shown in the leaflet are partially equipped with optional features and do not always correspond to the standard version.
Country-specific regulations must be observed.
Dimensions may vary. Subject to product changes and improvements.