EPSILON TIMBER LOADERS

PALFINGER
LIFETIME EXCELLENCE

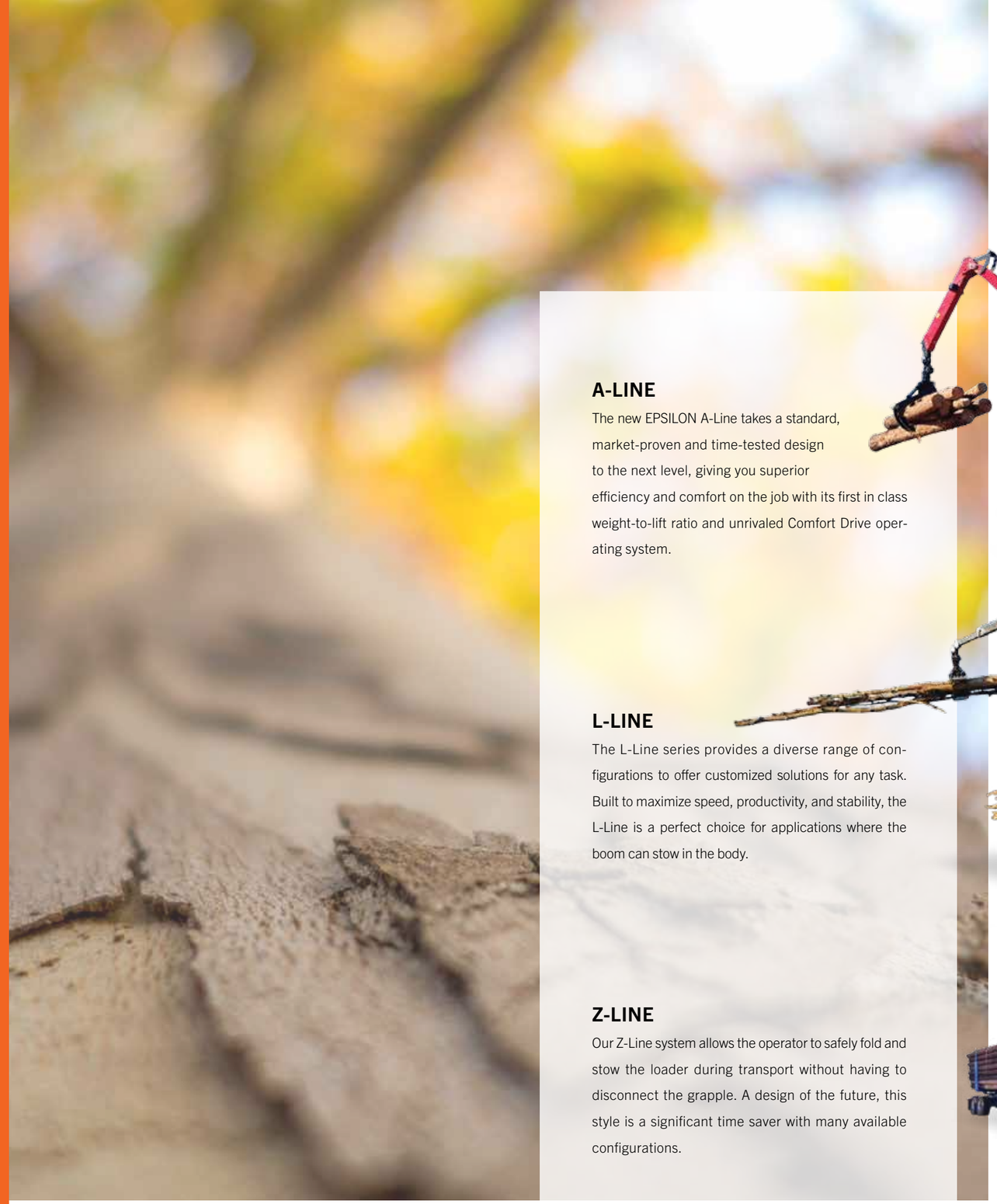
CUSTOMIZED SOLUTIONS -
TO GROW YOUR BUSINESS

ONE SUPPLIER
ONE SOLUTION

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.

Since 1932, PALFINGER has been among the leading international 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.

By investing in EPSILON you are selecting well-established machines, a trusted global brand and a reliable partner.



A-LINE

The new EPSILON A-Line takes a standard, market-proven and time-tested design to the next level, giving you superior efficiency and comfort on the job with its first in class weight-to-lift ratio and unrivaled Comfort Drive operating system.

L-LINE

The L-Line series provides a diverse range of configurations to offer customized solutions for any task. Built to maximize speed, productivity, and stability, the L-Line is a perfect choice for applications where the boom can stow in the body.

Z-LINE

Our Z-Line system allows the operator to safely fold and stow the loader during transport without having to disconnect the grapple. A design of the future, this style is a significant time saver with many available configurations.

ON THE JOB...
MADE FOR PROFESSIONALS

Your EPSILON Loader will be a strong partner on the job, even in rough operating environments, thanks to their strong foundation. These features, which are standard on all of our boom systems, are our core principles for a solid, long lasting machine.

EPSCOPE....

Patented telescope extention system with cylinder and hose equipment mounted inside the boom

EPSLINK....

Patented link-rotator combination with robust 4-eye link inside the boom

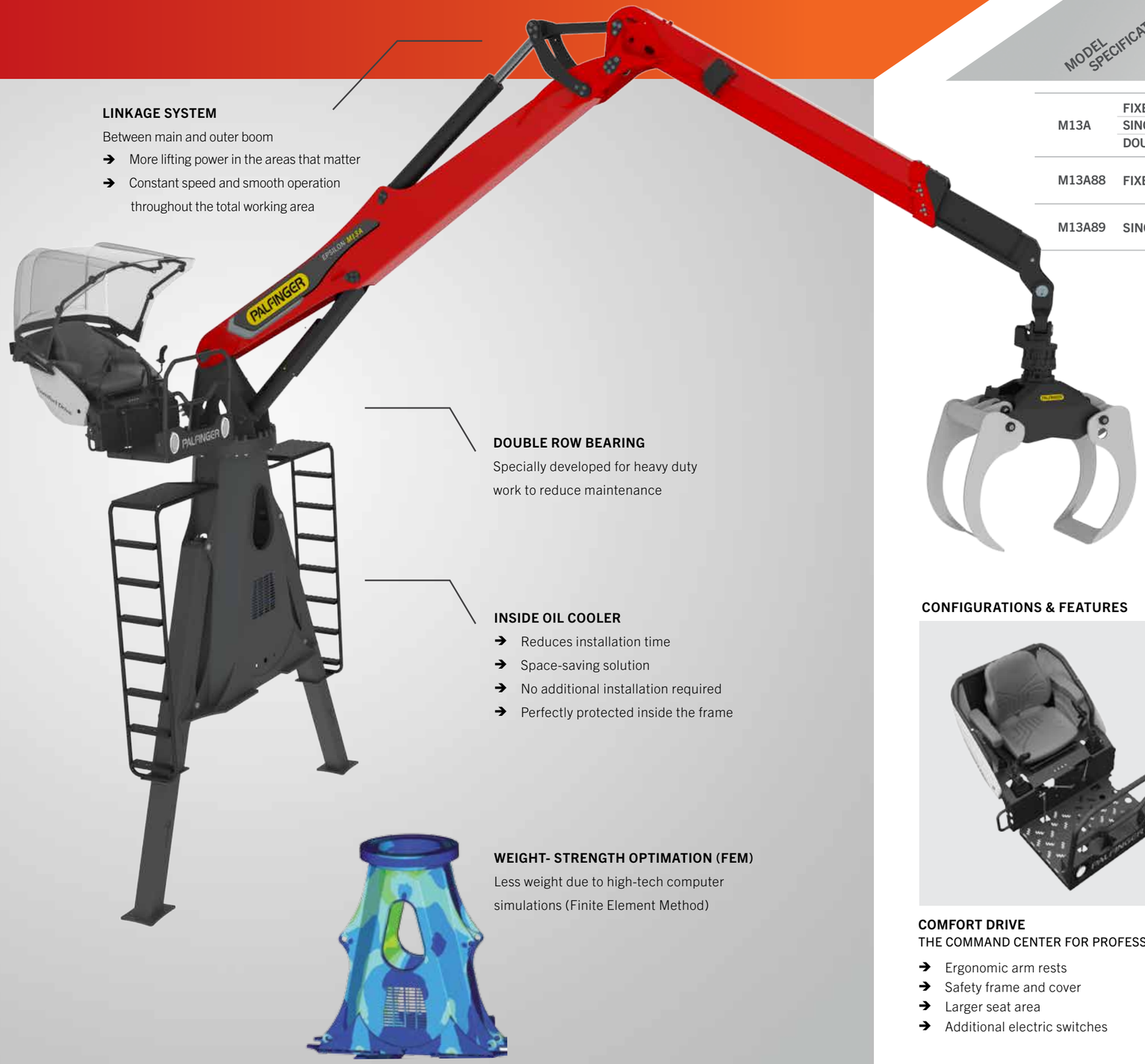
KTL protected

KTL....

Innovative surface coating technology protects all components from corrosion – especially in harsh winter logging

We understand the challenges in your industry. That's the reason for our large portfolio of loaders – to meet each need in the timber market.
From tree service, logging, pole handling, to mat placement, EPSILON provides diverse solutions to grow your business.

A-LINE
THE NEW GENERATION



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

DOUBLE ROW BEARING

Specially developed for heavy duty work to reduce maintenance

INSIDE OIL COOLER

- ➔ Reduces installation time
- ➔ Space-saving solution
- ➔ No additional installation required
- ➔ Perfectly protected inside the frame

WEIGHT- STRENGTH OPTIMATION (FEM)

Less weight due to high-tech computer simulations (Finite Element Method)

MODEL / SPECIFICATIONS	EXTENSION TYPE	MAX. LIFTING CAPACITY / LBS	MAX. OUTREACH / FT.	WEIGHT WITHOUT ROTATOR/ GRAB / LBS	SLEWING TORQUE / FT-LBS	SLEWING ANGLE / DEGREES	OPERATING PRESSURE - FLOW / PSI - GPM
M13A	FIXED	9,650	23.3	4,740	14,010	Continuous	3,410 - 2x21
	SINGLE	9,260	26.2	5,090			
	DOUBLE	8,580	32.2	5,360			
M13A88	FIXED	9,350	28.9	4,940	14,010	Continuous	3,410 - 2x21
M13A89	SINGLE	8,990	29.2	5,220	14,010	Continuous	3,410 - 2x21

Equipped with the established 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.

CONFIGURATIONS & FEATURES

COMFORT DRIVE
THE COMMAND CENTER FOR PROFESSIONALS

- ➔ Ergonomic arm rests
- ➔ Safety frame and cover
- ➔ Larger seat area
- ➔ Additional electric switches

COLD WEATHER PACKAGE
OPTIONAL EQUIPMENT FOR HARSH ENVIRONMENTS

Heated seat and backrest – for a comfortable job

EPSHOOD
OPTIONAL PROTECTION HOOD FOR OPERATORS

Thermoplastic hood protects the operator from sun, wind, rain and snow.

L-LINE
VERSATILE ALL-ROUNDER

LINKAGE SYSTEM

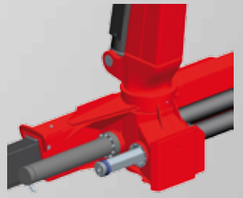
Constant power and smooth operating speed throughout the total working area

CYLINDER PROTECTION

Maximum protection for the cylinder during operation

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



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. Capacities range from the 2.5 ton C70 to the 9 ton S270 with reaches to 42’ 6”.

MODEL	SPECIFICATIONS	EXTENSION TYPE	MAX. LIFTING CAPACITY / LBS	MAX. OUTREACH / FT.	WEIGHT WITHOUT ROTATOR/ GRAB / LBS	SLEWING TORQUE / FT-LBS	SLEWING ANGLE / DEGREES	OPERATING PRESSURE - FLOW / PSI - GPM
C80L	SINGLE		5,490	25.3	3,260	14,750	420	3,190 - 2x13
	DOUBLE		5,310	31.8	3,550			
M110L	SINGLE		7,810	26.2	4,450	19,910	425	3,410 - 2x18
	DOUBLE		7,460	31.8	4,720			
Q150L	SINGLE		10,200	26.2	5,310	22,130	425	3,480 - 2x21
	DOUBLE		9,830	31.8	7,710			
S260L	FIXED		15,000	42.0	5,250	28,760	385	4,060 - 2x24
	SINGLE		14,700	42.7	5,530			
S260L	SINGLE		16,500	28.5	4,720	28,760	385	4,060 - 2x24
	DOUBLE		16,200	33.5	5,250			

CONFIGURATIONS & FEATURES

HKR/HKL - LATERAL TOP SEAT
FOR AN OPTIMIZED VIEW

The most standard form of control, the Lateral Top Seat provides enhanced comfort and a clear view of operation during loading and unloading.

CAM - EPSCAB
FOR COMFORT AND SHELTER

EPSCAP provides increased comfort and protection for the operator. When working for many hours in very cold, snowy or wet conditions, the operator is sheltered from the harsh elements.

RCE - RADIO REMOTE CONTROL
FOR INCREASED FLEXIBILITY

Offering benefits in tight working areas, the Radio Remote Control provides the operator with the freedom to walk around, inspect the load or operate the loader from a distance.

Z-LINE
THE TIME SAVER

MODEL	SPECIFICATIONS	EXTENSION TYPE	MAX. LIFTING CAPACITY / LBS	MAX. OUTREACH / FT.	WEIGHT WITHOUT ROTATOR/ GRAB / LBS	SLEWING TORQUE / FT-LBS	SLEWING ANGLE / DEGREES	OPERATING PRESSURE - FLOW / PSI - GPM
C80Z		SINGLE	5,470	24.0	3,440	14,750	420	3,480 - 2x16
		DOUBLE	5,310	29.2	4,060			
M110Z		SINGLE	7,290	25.6	4,670	19,910	425	3,550 - 2x18
		DOUBLE	7,000	31.5	4,920			
Q150Z		SINGLE	10,400	25.9	5,620	22,130	425	3,410 - 2x21
		DOUBLE	10,100	31.5	5,910			
S260Z		SINGLE	15,100	25.9	6,526	26,550	385	4,210 - 2x24
		DOUBLE	15,300	31.5	6,830			

SPOT LIGHTS

Consisting of 4 spot lights:

2 on top seat, 2 on outer boom

LINKAGE SYSTEM

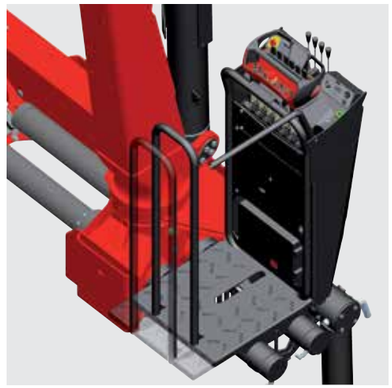
Between column and main boom

- ➔ More lifting power in the areas that matter
- ➔ Constant speed and smooth operation throughout the total working area

CONFIGURATIONS & FEATURES

HKR/HKL - LATERAL TOP SEAT
FOR AN OPTIMIZED VIEW

The most standard form of control, the Lateral Top Seat provides enhanced comfort and a clear view of operation during loading and unloading.

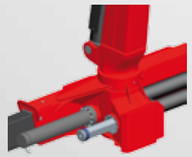


SCRCD – STAND UP CONTROL
FOR INCREASED PRODUCTIVITY

Offering more efficiency and easy access from the cab, it's not necessary for the operator to climb up and down a ladder to operate the loader. Available with or without Radio Remote Control.

CP – COMFORT PACKAGE
FOR WARMTH AND CONVENIENCE

Comfort Package offers ideal working conditions with a heated seat and heated back rest, in addition to the ability to start and stop the truck and control the RPM.



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 models offer a clear time saving 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".

SALES & SERVICE

Our main guiding principal is to make you more successful with the help of our advanced machines, market experience, technical skills and committed employees.
We understand timber and logging needs around the world – which helps us deliver a better product to you. Globally, over 5000 sales and service centers operate in more than 130 countries to provide the support and dedication you deserve.

When it comes to spare parts availability, your local PALFINGER dealer / distributor is your first contact. Our North American Spare Parts Center is dedicated to keeping our partners equipped with access to a large inventory. Together, we will provide you with genuine components that will ensure long life and low maintenance costs for your EPSILON Loader.

When you choose PALFINGER, you can expect LIFETIME EXCELLENCE from the global leader in crane technology!

WE ALL HAVE CHOICES
I CHOSE PALFINGER

PALFINGER equipment is designed with your operator in mind because when you spend most of your time with a machine, it becomes part of you.
Operators deserve equipment that complements their high level of skill and passion on the job – equipment that allows them to excel every day.
It's about more than technology –
it's about pride and motivation.
Invest in a loader that your operator will love too.

PALFINGER

WWW.PALFINGER.COM

EPSILON FACILITY - AUSTRIA

PALFINGER NORTH AMERICA
PO Box 846 | Niagara Falls, ON
L2E 6V6 | Canada
T + 1 800 567 1554

This brochure is meant for international use. The availability of some models and the model and special equipment may vary from country to country. EPSILON reserves the right to change design or technical specification at any time without prior notice. Any changes would not be applied retrospectively to previously sold units. Information, description and illustrations are correct at time of going to print, but may also be changed without prior notice. Illustrations may show certain country specific executions and special equipment, and therefore may not be complete standard execution. Measure data without obligation. Lifting capacity presentations are standard illustrations and don't correspond the optimize boom position, where the maximum lifting capacity can be reached.

EPSILON TIMBER LOADERS. 12/16