EPSILON TIMBER CRANES



GRIPPING SOLUTIONS THE NEW M-SERIES





WE UNITE WHAT BELONGS TOGETHER

The new PALFINGER EPSILON M-Series is a perfect unity of design, comfort and technology. The result is a product that fulfills every individual requirement, and even exceeds expectations.

PALFINGER EPSILON new M-Series sets new standards in design. The new high-seat Masterdrive offers operators absolute comfort and convenience, and the multifunctional command centre provides the ultimate in precision crane manipulation. The new M-Series technology impresses immediately, and thanks to extended boom reach capacities customers benefit from increased operational productivity.

The new PALFINGER EPSILON M-Series is a system that serves every individual requirement, and customers can rely on a product that unites the very best in design, comfort and technology.

The PALFINGER EPSILON M-Series — The crane for your requirements.





SAFE IN THE SADDLE

Master Drive is the new high seat from PALFINGER EPSILON.

PALFINGER EPSILON has once again raised the bar for comfort and user-friendliness with a new high seat. Masterdrive enables the operator to enjoy full control of all operational commands. Thanks to the benefits of the most sophisticated design and technology this crane can be operated with a minimum of effort. The ergonomic shape of the comfortable and convenient mechanical suspension high seat guarantees great comfort, and the multifunctional arm rest puts every command at the operator's fingertips.





The pneumatic fold-away weather hood facilitates a more compact operating position.

Extremely compact construction

EPSHOOD -

The protective hood for safe crane operation.

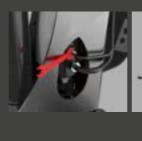
The EPSHOOD crane operator hood is a newly developed weather shield and gives the driver excellent protection from the elements while operating the crane. The foldaway mechanism and tinted plastic hood keep out the sun, rain and wind during the whole operating process, making every job a pleasant and comfortable experience.

WORTH HIDING

Easily accessible inside hose routing.

No other crane manufacture can offer anything like the ease of service and technical convenience provided by PALFINGER EPSILON. The unique inside hose routing enables crane operators to gain quick and easy on-the-job service access. Inside hose routing also reduces the risk of damage to the hoses. Service openings on the crane make replacement a simple task and help to save time and money.

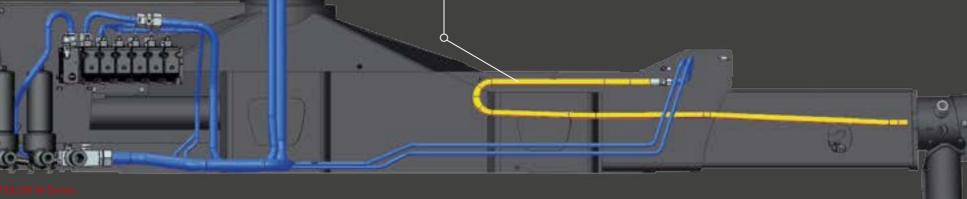
Service openings











PALFINGER

routing solution ensures the

risk of damage is minimised

and the cost of wear and

tear reduced.

Easily accessible via service opening.

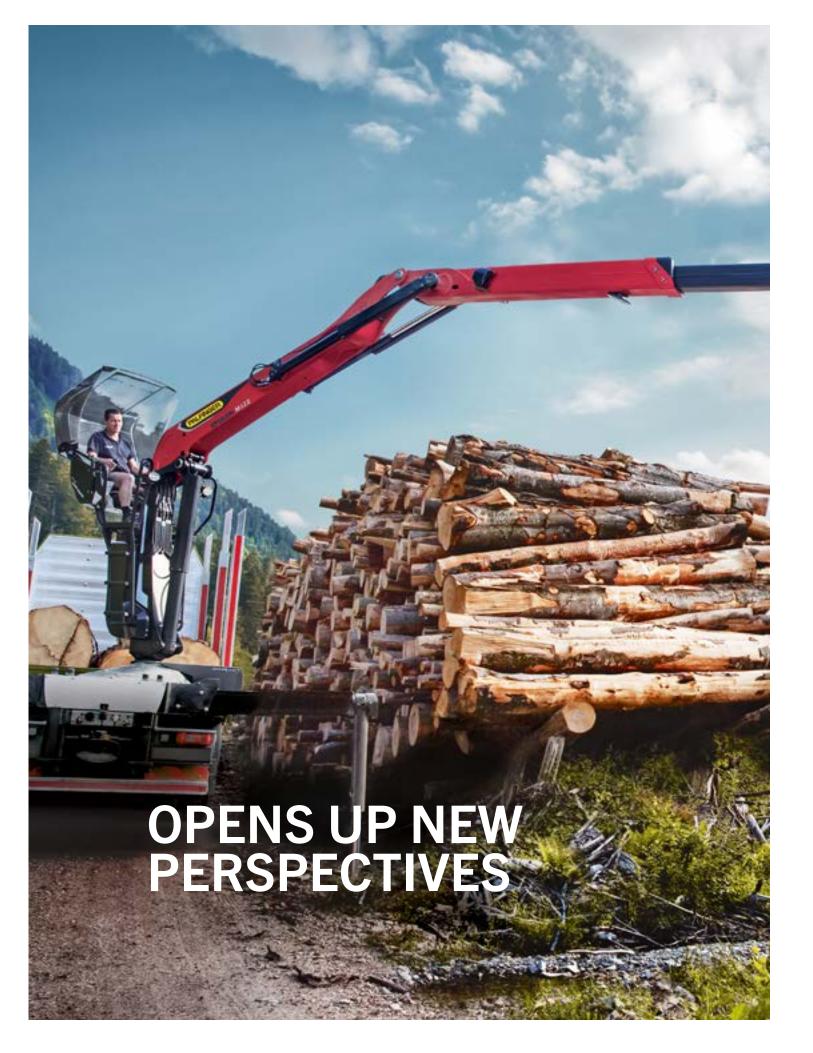
Rotary distributorHose routingPipe routing

Easily accessible service openings make the

replacement of hoses a

quick and easy procedure.

Excellent design and perfect functionality.





DUE TO ITS GREATER REACH



Height reduction

The new arm geometry has made it possible to build an even more compact crane with an extra 100mm of ground clearance.

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The longest reach in its field

TECHNICAL DETAILS

MZ

1. Outreach 2. Details **83**=8.30 m Lifting moment net **91** = 9,10 m Slewing torque net 105=10,50 m Slewing angle Max. Outreach 8,3 9,1 10,5 8,3 9,1 10,5 [m] 8,3 9,1 10,5 8,3 2x70 2x70 2K [l/min] Recommended pump capacity Dead weight without link/rotator [kg] 2300 2350 2430 2340 2390 2470 2340 2390 2470 2350 2400 2480 Master Drive Dead weight without link/rotator [kg] 2180 2230 2310 2220 2270 2350 2220 2270 2350 2230 2280 2360 Classic Drive

3. Dimensions

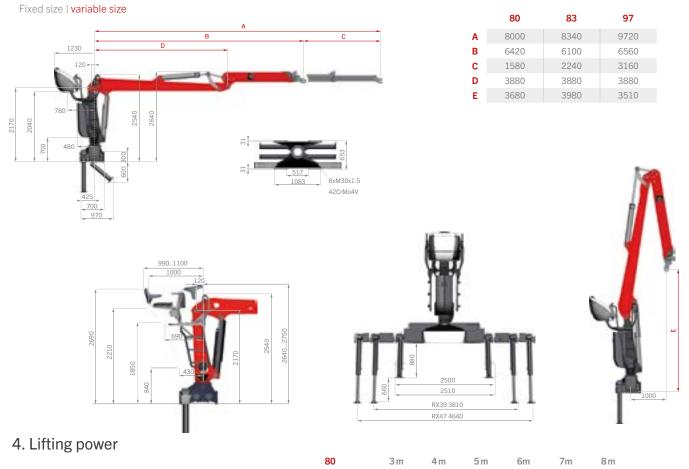


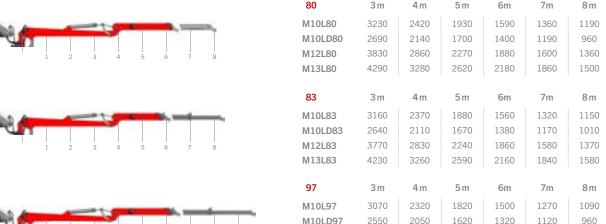
3900 3010 2390 1960 1660 1430 1250 890

ML

1. Outrea	ach 2.	Details	M10L			M10LD			M12L			M13L		
			80	83	97	80	83	97	80	83	97	80	83	97
80 =8,00 m	Lifting moment net	[kNm]	97	95	93	85	95	93	115	113	110	115	113	110
83 = 8,30 m 97 = 9,70 m	Slewing torque net	[kNm]		24			24			28			28	
	Slewing angle	[°]		425			425			425			425	
	Max. Outreach	[m]	8,0	8,3	9,7	8,0	8,3	9,7	8,0	8,3	9,7	8,0	8,3	9,7
	Operating pressure	[bar]		220			200			250			280	
		1K [l/min]		1x80			1x80			1x80			1x80	
	Recommended pump capacity	2K [l/min]		2x70			2x70			2x70			2x70	
		1K LS [I/min]		1x150			1x150			1x150			1x150	
	Dead weight without link/rotator Master Drive	[kg]	2140	2160	2230	2210	2230	2300	2210	2230	2300	2220	2240	2310
	Dead weight without link/rotator Classic Drive	[kg]	2020	2040	2110	2090	2110	2180	2090	2110	2180	2100	2120	2190

3. Dimensions





4130 3200 2540 2100 1780 1540 1240

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M13L97

YOUR PARTNER FOR THE FUTURE

Each and every PALFINGER EPSILON product is far more than just the sum of its parts. Throughout the entire company we adhere to the very latest standards, and on behalf of our customers we strive unceasingly to provide sustainable, innovative, bespoke solutions. We consider customer satisfaction to be of the utmost importance; so you can rely on PALFINGER EPSILON to deliver long-lasting, low-maintenance products that are economical to run in terms of costs and the consumption of resources.

We are constantly working on the development of solutions to offer long-term viability. We give our staff at the development centre plenty of encouragement and set them plenty of challenges; and today's reconstruction work on the company headquarters is taking place to guarantee we have the necessary capacity to serve customers in the years to come.

Working in cooperation with our partners we continue to do everything within our power to provide innovative, custom-built products that deliver the best possible solutions for your needs.

PALFINGER EPSILON.



New development centre and assembly

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