

TECHNOLOGIES THAT PAY OFF. THAT'S WHAT LEHNHOFF STANDS FOR.

More possible applications with greater comfort and maximum robustness – that is the innovative idea and motivation at Lehnhoff. Therefore, we push the development of technologies such as fully hydraulic quick couplers and hydraulic tilt mechanisms for all possible ton classes. During development and design, we pay attention not only to durability but also to full cost accounting. With Lehnhoff, the customer's investment pays off as quickly and as sustainably as possible.

LEHNHOFF – THE WORLD'S ONLY FULL-LINER FROM 1 TO 130 T.

Innovative strength meets investment security at Lehnhoff. Because only Lehnhoff offers the world's largest range of quickcouplers and attachments from 1 to 130 t, which is also still based on the design or interface dimensions from the early days of the QC system. This means that customers can rely on a consistent quality standard in all ton classes and even continue to use attachments from the last millennium. Customers can choose between mechanical, hydraulic and the most modern and safest fully hydraulic quick couplers. Depending on the model from the L-series or also the international S-standard optionally with or without tilt motors.

WHAT IS AS GOOD AS LEHNHOFF? A REFURBISHED LEHNHOFF. SERVICE & REPAIR.

No construction site is tougher than Lehnhoff. But hundreds of construction sites do leave their mark. A professional overhaul in the original repair shop with original parts guarantees maximum serviceability and robustness and can also be a good alternative in economic terms.

SHORT WAYS AND FAST REACTION TIMES. OUR LOGISTICS AND ASSEMBLY CENTRE.



On an area of around 5,000 square metres an efficient building has been constructed, which offers optimal conditions for commissioning and dispatching goods as well as for final assembly.

OUR TRADITION IS INNOVATION. THE HISTORY OF THE LEHNHOFF SYSTEM.

Lehnhoff's over 60-year company history is full of innovations that have revolutionised work on the construction site and which are based on an unchanged construction philosophy. This means that Lehnhoff customers can be confident that the compatibility of already existing

Lehnhoff products with new devices is guaranteed. This gives our customers investment security and simplifies the handling as well as longevity.

- Market-leading System
- Universal Standard

- 1960** Ernst Günter Lehnhoff founds the company which offers repair services for construction tools.
- 1962** The company founds its own engineering office for innovative hard steel equipment for earth moving equipment.
- 1965** Invention of the Lehnhoff bucket teeth system.
- 1966** Production of the first customised special buckets.
- 1967** Invention of the armoured steel.
- 1969** Invention of the first tilt bucket.
- 1989** Introduction of the Lehmatic quick coupler system for hydraulic excavators under the leadership of the then owner Peter Lehnhoff.



- 1992** The birth of the Lehnhoff system, consisting of mechanical and hydraulic quick couplers for excavators from 1 to 70t.
- 1997** The Lehnhoff system was extended to the excavator class 130 t.
- 2003** The Symlock® adapter was invented which can also be used to rotate the attachment (bucket) by 180°.
- 2007** Lehnhoff introduced the first fully hydraulic quick couplers onto the market.
- 2008** A new production hall with a robot welding line is opened.
- 2010** Lehnhoff became the only full-liner in the world in the field of quickcouplers.
- 2016** SQ (Symmetrical Quickcoupler) was added which is based on the international S-standard.
- 2020** Introduction of the certified Double Lock security mechanism
- 2021** Around three decades after its introduction, Lehnhoff has now equipped 200,000 excavators with the Lehnhoff system.
- 2023** Introduction of a new generation of more efficient teeth with less wear.



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YOUR RESPONSIBLE DEALER:

Misprints and errors excepted. Edition: 03/2023



LEADING. COMPATIBLE. COMPREHENSIVE.

The Lehnhoff system portfolio with all quickcouplers and attachments of the L-series and S-series



1–130 t

ULTRA-MODERN, PRECISE PRODUCTION QUALITY AND HIGH PRODUCTION DEPTH. „MADE BY LEHNHOFF“ IN BADEN-BADEN.

If you want to be successful, you have to be tougher than the construction site. For over 60 years, Lehnhoff has been a byword for countless innovations, robustness and highest quality, which master the challenges on the construction site. In many fields, Lehnhoff has thus become the market leader and the Lehnhoff quick coupler has become the universal standard, which has already been installed in over 200,000 excavators.

The high production depth at Lehnhoff is an important factor for success. From development and design to production and finishing, almost every step takes place at the Baden-Baden facility. Our highly qualified employees are assisted by the latest technology in order to meet the high quality standards and precision that our customers appreciate every day in the job.

This precision already begins in the construction – with computer-assisted design and all the experience of the Lehnhoff specialists. In series production, our modern machinery with plasma laser cutting stations, chamfering robots, CNC-controlled processing centres and robot welding stations in computer-controlled work processes is used.

Our final inspections are as tough as our steel. After all, only what proves itself here will also prove itself outside on the construction site.



FOR MAXIMUM PRESERVATION OF FUNCTION AND RADIUS OF ACTION: THE UNIQUE EXCAVATOR DATABASE FROM LEHNHOFF.

In order for the excavator operator to take full advantage of the functionality and manoeuvrability of an attachment, the tool's suspension must be precisely designed for the excavator in question. Since these interfaces between excavator and attachment vary from manufacturer to manufacturer and model to model, Lehnhoff has defined the suspension dimensions of each available excavator model and the attachment dimensions of the last 30 years in a unique database.

A very fine subdivision of these currently approx. 5,000 excavator types into suspension groups ensures, that the excavator, even with a quick coupler system, retains almost the original bucket tilt angles and therefore the original excavator kinematics. Lehnhoff can thus deliver its quick-couplers and attachments quickly and sets standards here as well.



THE LEHNHOFF SYSTEM



QUICKCOUPLERS L-SERIES

MECHANICAL | HYDRAULIC | FULLY HYDRAULIC

0.5-2 t								
	MS01 with Tilt	MS01	HS01 with Tilt	HS01	Adapter frame SW01	Weld-on adapter SW01	Grab adapter SW01	
2-6 t								
	MS03 with Tilt	MS03	HS03 with Tilt	HS03	HS03V with Tilt	HS03V	Grab adapter with valve block SW03V	
6-12 t								
	MS08 with Tilt	MS08	HS08 with Tilt	HS08	HS08V with Tilt	HS08V	Grab adapter with valve block SW08V	Universal adapter with valve block SW08V
12-19 t								
	MS10 with Tilt	MS10	HS10 with Tilt	HS10	HS10V with Tilt	HS10V	Grab adapter with valve block SW10V	Universal adapter with valve block SW10V
19-28 t								
	MS21 with Tilt	MS21	HS21 with Tilt	HS21	HS21V with Tilt	HS21V	Grab adapter with valve block SW21V-SW25V	Universal adapter with valve block SW21V-SW25V
28-38 t								
	MS25 with Tilt	MS25	HS25 with Tilt	HS25	HS25V with Tilt	HS25V	Grab adapter with valve block SW21V-SW25V	
38-70 t								
			HS40	HS40	HS40V	HS40V	Grab adapter with valve block SW40V	
70-130 t								
			HS80/HS100	HS80V	HS80V	HS80V	Grab adapter with valve block SW80V	

QUICKCOUPLERS S-SERIES

HYDRAULIC | FULLY HYDRAULIC

10-16 t							
	SQ60H with Tilt	SQ60H	SQ60V with Tilt	SQ60V			
15-32 t							
	SQ70H with Tilt	SQ70H	SQ70V with Tilt	SQ70V			
15-28 t							
	SQ70/55H with Tilt	SQ70/55H	SQ70/55V with Tilt	SQ70/55V			
25-43 t							
	SQ80H	SQ80H	SQ80V	SQ80V			
40-70 t							
	SQ90H	SQ90H	SQ90V	SQ90V			

ADAPTERS S-SERIES

Adapter frame	Weld-on adapter	Universal adapter	Screw-on adapter for drum cutter/compactor	Screw-on adapter for rotatable compactor
Adapter frame with valve protection	Screw-on adapter	Screw adapter for hydraulic hammer	Screw-on adapter for demolition grab/shear	Grab adapter for suspended grab
Adapter frame with valve protection	Screw-on adapter	Screw adapter for hydraulic hammer	Screw-on adapter for demolition grab/shear	Grab adapter for suspended grab
Adapter frame with valve protection	Screw-on adapter	Screw adapter for hydraulic hammer	Screw-on adapter for demolition grab/shear	Screw-on adapter for rotatable compactor
Adapter frame with valve protection	Screw-on adapter	Screw adapter for hydraulic hammer	Screw-on adapter for demolition grab/shear	Screw-on adapter for rotatable compactor
Adapter frame with valve protection	Screw-on adapter	Screw adapter for hydraulic hammer	Screw-on adapter for demolition grab/shear	Screw-on adapter for rotatable compactor
Adapter frame with valve protection	Screw-on adapter	Screw adapter for hydraulic hammer	Screw-on adapter for demolition grab/shear	Screw-on adapter for rotatable compactor
Adapter frame with valve protection	Screw-on adapter	Screw adapter for hydraulic hammer	Screw-on adapter for demolition grab/shear	Screw-on adapter for rotatable compactor
Adapter frame with valve protection	Screw-on adapter	Screw adapter for hydraulic hammer	Screw-on adapter for demolition grab/shear	Screw-on adapter for rotatable compactor
Adapter frame with valve protection	Screw-on adapter	Screw adapter for hydraulic hammer	Screw-on adapter for demolition grab/shear	Screw-on adapter for rotatable compactor

ATTACHMENTS

MTL09, MTL1, MTL2	MTL1 S, MTL2 S	MBL1, MBL2	MBL1 S, MBL2 S	MSL1, MSL2	MSL1, MSL2	MG09 rigid, MG1 rigid	MG1 G	MG09, MG1	MKL1 SY	MR21	MRR1						
MTL2, MTL3, MTL4, MTL6	MTL2 S, MTL3 S, MTL4 S, MTL6 S	MBL2, MBL3, MBL4, MBL6	MBL2 S, MBL3 S, MBL4 S, MBL6 S	MSL2, MSL3, MSL4, MSL6	MSL2, MSL3, MSL4, MSL6	MG2 rigid, MG4 rigid, MG6 rigid	MG2 G, MG4 G, MG6 G	MP4, MP6	MG2, MG4, MG6	MU4 GH	MU4 GM	MKL6 SY	MR23, MR26	MRR6	MPG5	MSG4, MSG6	
CTL5, CTL10, CTL12	CTL5 S, CTL10 S, CTL12 S	CSL5, CSL10, CSL12	CSL5, CSL10, CSL12	CPS, CP10	HG15	HG15 SH	CG5 rigid, CG10 rigid	CG5, CG10	CG5 M, CG10 M	CU5 G rigid, CU10 G rigid, CU12 rigid	CU5 GH, CU10 GH, CU12 GM	CKL10 SY	CR28	CRR8	CPG10	CSG10, CSG10 V	
HTL15 BP, HTL20 BP	HTL15 GP, HTL20 GP	HTL155 GP, HTL205 GP	HSL15, HSL20	HSL15, HSL20	HP15, HP20	HG15, HG20	HB15 rigid, HB20 rigid	HG15 SH, HG20 SH	HG15 LH, HG20 LH	HG15 SM, HG20 SM	HG15 LM, HG20 LM	HB15 RH, HB20 RH	HB15 RM, HB20 RM	CKL10 SY	HR218	HPG20	HSG15, HSG15 V
HTL25	HTL25 GP, HTL30 GP	HTL255 GP, HTL305 GP	HTL25 HD, HTL30 HD	HSL25, HSL30	HSL25, HSL30	HG25, HG30	HG25 SH, HG30 SH	HG25 LH, HG30 LH	HG25 SM, HG30 SM	HG25 LM, HG30 LM	HB25 rigid, HB30 rigid	HB25 RH, HB30 RH	HB25 RM, HB30 RM	HR228	HSG20, HSG20 V, HSG28, HSG28 V		
HTL35	HTL35 HD	HSL35	HSL35	HG35 S	HG35 SH	HG35 LH	HG35 SM	HG35 LM	HB35 RH	HB35 RM	HR238	HSG35, HSG35 V					
HTL40 GP	HTL40 HD, HTL50 HD	HTL40 SH, HTL50 SH	HSL40	HSL40	HG40	HR250, HR270	HSG50, HSG50 V										
HTL60 HD, HTL70/80 HD	HTL60 SH, HTL70/80 SH	HR290, HR2130															