

2021/2

HOLP[®]

it's Vario!



The RotoTop Story

Rigidly Mounted Rotation

In 2001, Holp GmbH began distribution of their first in-house developed product - VarioLöffel. When presenting VarioLöffel in Denmark and Sweden in the summer of 2003, Günter Holp became aware that there is a directive in Sweden stating that there has to be at least one tilt rotator present at each construction site. Quickly it became clear: Without a comment in the tender documents, the tilt rotator would be used in Europe, albeit not in all countries. Holp had already dealt with the topic of tilt rotators as early as 1992. Following the first test runs with a tilt rotator at Holp's own earthwork company and resulting cylinder damages - the cylinder had to be replaced by a piece of metal and the test run be completed with rotation only - it became evident: Rotation as such is responsible for 90-95% of movement capacity.

Having developed further Holp products, Günter Holp turned yet again to the topic of rotation on the excavator in 2005. Following several failed attempts to get into business with Swedish manufacturers, the decision was made to start the project "Economic wrist on the excavator" as an in-house design.

While, in Sweden, hoses were still run along the outside of the tilt rotator, a rotary joint was planned for the German market. In order to provide every attachment tool with limitless rotation, the excavator's full specific output in litres needed to be pumped through. As early as 2004, the OilQuick quick-coupler was regarded as the "future design". Fully hydraulic quick-couplers had at that time already been under development in companies such as Lehnhoff and Liebherr as well.

Consequently, there was only one option for Holp: a large rotary joint had to be found. As, at that time, there was nobody who could pump such a large quantity of oil through such a small space, this technology was simply developed by Holp themselves. In Sweden, this idea was merely smiled at in a patronizing way and dismissed as being too expensive. Use of an 8-way rotary joint - nowadays the standard at Holp - was simply unthinkable back then.

"It was exactly this pioneering spirit which made our product such a fast-selling item and eventually the market leader in rotary technology!"

- Günter Holp



ROTO^{TOP}
the rotary drive for every excavator use



ROTO^X
the modular tiltrotator



MULTIGRIP
the safe bucket with fingers



VARIOLÖFFEL
the unique allrounder



PROFILÖFFEL
the perfect shape for more efficiency



QUICK^{ON}
the universal hydraulic coupling tongs



KRANFIX
the quick coupler for cranes

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Maximal Flexibility At Maximal Breakaway Force

rotary quick-coupler with 360° limitless rotation

TOP Low – Light-weight – Robust
The prerequisites for rigid mounting.

TOP Large Rotary Joint
For any attachment tool possible.

TOP 3 Years of Warranty
Also with hammer and rock cutter.

ROTOTOP



Tilt with Rotation Only

90-95% of a tilt rotator's degree of freedom result from rotation

Our RotoTop is easy to operate, i.e. any operator can learn how to operate it productively in no time at all. No need to take extra care as the housing is fully boxed. With our RotoTop and the existing excavator kinematics, more than 90% of a tilt rotator's movements can be covered. For practical usage this means: Rotation only is predominantly the most economic solution for conventional earthworks/ sewer construction/ landscaping.



Info & Videos



Tilt vs. Rotation

RotoTop provides all attachment tools with limitless rotation



Info & Videos



RotoTop with Tilt Underneath

Exciting efficiency -
with all attachment tools at all times

Rotation - The Most Economic Solution

It is possible to perfectly perform 90-95% of all work with rotation - and that at a low construction height and therefore almost without any power losses. When rigidly mounted, the operator may quickly get used to his "wrist" and use it optimally.

Tilt Rotator/Sandwich - Many Disadvantages

A tilt rotator always means both a greater dead weight and a greater construction height which negatively affect the over-all performance and break-away forces of the excavator. Additionally, there are extra costs involved, such as for retrofitting the controls in the excavator.

Tilt - Better Underneath the RotoTop

Those who still cannot do without the final 5-10% of additional value should mount the tilt underneath the RotoTop. This may initially sound unusual, but it is very economical. In doing so, you can attach the tilt when you actually need it! Positive effect at the construction site: The tilt in the sandwich position can be used as a flexible extension of the excavator's boom. This brings about decisive advantages e.g. in sewer construction.



Info & Videos



Tilt Rotator RotoX

With a RotoTop as centrepiece

RotoX - Tilting Without Cylinder

For those who do not have a strong focus on earthworks, loss of tear-out force, great construction height as well as additional weight do not play the biggest role with a tilt rotator. That's why we developed our tilt rotator RotoX without cylinders. Neat and clearly designed with no protruding parts and thus less damage, and yet with a bigger swivel angle. This development has already been in use since 2007.

Tilt Module (Can Be Retrofitted)

Start with rotation only - also with a tilt rotator! Owing to its modular design, the tilt can also be retrofitted above. Furthermore, it is possible to retrofit the RotoTop simply to a RotoX, even after several years. All that needs to be done is to change the mounting bracket for a tilt module. It is your decision: A low design with a swivel angle of 70-75° or a higher design with 85-90°.

Additional Value of A Tilt Rotator

For many trades and crafts, a tilt rotator's additional value is questionable. After all, it is well-known that rotation alone makes for 90-95% of an excavator's movement capacity. The additional tilt as such only adds 5-10% to the movement capacity. For most work, this doesn't save further time, but leads to a considerable loss of power.



Info & Videos



RotoTop - The Market Leader

In order to be able to use the RotoTop's full flexibility at any given time, we advise not to use a sandwich solution. **Our recommendation: A rigidly mounted RotoTop!** Due to its robust design, our RotoTop has all it takes for economic rigid mounting right from the start. This is what makes it Germany's market leader - and not without reason:

Light-weight – the weight of the drive is below 25 kg (excavators up to 3.9 t) and at a maximum of 315 kg (excavators up to 35 t).

Low – the housing height ranges from 85 mm (excavators up to 3.9 t) to a maximum of 160 mm (excavators up to 35 t).

Warranty – 3 years/3,000 OpHrs with rigid mounting to excavator.

Rotary joint – up to 8-ways for complete configuration of a fully hydraulic quick-coupler: Without perceptible performance loss - thanks to flow-optimised construction incl. own bearing.

Robust – approval of all attachment tools in the respective excavator class, also for hammer and rock cutter. Overhaul and buy back - possible with a RotoTop.

Sandwich = Complex Construction Site Logistics

This, too, is a point often underestimated. A tilt rotator as a sandwich is not a light-weight and must be brought to the construction site by means of a flat bed truck or trailer. Once on site, the tilt rotator will be unloaded and stored and is often not ready for use as it is "out of reach" for the excavator or it even remains mounted to an excavator. Both options are not very economical and should be avoided.

Central Figure – Operator

Human beings are creatures of habit: What is often underestimated is the fact that the operator can only get used to their "wrist" if they keep using it. In order to achieve an optimal cost-benefit effect, it is thus enormously important to rigidly mount the RotoTop to the excavator.

Why Can a RotoTop Do 90-95% of What a Tilt Rotator Can Do?



Solution: Two movement axes are standard with excavators.

Every excavator already has two movement axes. Rotation adds a third axis. It is this third axis which enables spatial movement and brings about a great many additional options. The tilt provides the fourth axis and eventually adds only 5-10% of additional value. The tilt is a very high design and makes handling for the operator very complicated and thus mostly slower.

Basic Prerequisites for Rigid Mounting

A large rotary joint for oil and electric current as well as options for 2D and 3D controls are the basic prerequisites for rigid mounting! The German market - with its countless attachment tools - represents a challenge! That's why at Holp we don't have high-flow rotary joints, but rather "MEGA-FLOW" rotary joints. In this way, every quick-coupler has 360° limitless rotation and it doesn't matter whether it is mechanical, hydraulic or fully hydraulic. Hence, all attachment tools can be mounted without hesitation to an excavator equipped with a RotoTop. Oil and electric current can be fed through to the attachment tool without any problems. For 2D and 3D controls, you need a rotary encoder which can be retrofitted to all RotoTops.

Cost-Effective Attachment Possible Without Joystick Retrofitting!

System Comparison

Tilt – the origin of the tilt is the swivel bucket. The Powertilt has been available on the market for a long time now as a standard attachment to the excavator. Thus, it is wide-spread in its use and well-known to most operators.

Tilt rotator – seemingly can do anything, brings about disadvantages though as well. Its high design, the large weight, small rotary joints and warranty limits for tough operations often lead to a sandwich solution.

Rotation – pure rotation is often underestimated, but is the most economical system, especially with rigid mounting. Flexibility in combination with a low design and weight provide for a maximum performance increase. The RotoTop's large rotary joint also allows all attachment tools to be rotated and its high-quality and robust components mean that it does not have to be put aside even under tough conditions. The RotoTop will consequently pay for itself in no time! The numerous movement options with an excavator require a good deal of imagination.

This is why, the benefit and advantages of rotation are best seen through one's own testing at a well-trained dealer's.

Sandwich – Only seemingly a good idea! Problems with maximum height and weight lead to a maximum of disadvantages. Depending on the task, the operator has to constantly attach and remove the tilt rotator. Not only does this limit the flexibility in combination with other attachment tools, but also brings about the issue that the operator cannot get used to his "wrist". The assumed advantage that a tilt rotator may be used with several excavators often doesn't hold up to practical experience. Once an operator has got used to his "wrist" after a longer adaptation period, the other excavators are no longer considered.

The price for this is high: It is often the case that several excavators are modified for "one tilt rotator". These costs are not to be underestimated, especially in combination with hydraulic quick-couplers! Apart from that, the warranty limitations for tough use with a sandwich already apply when using vibrating plates which are basically standard in Germany.

<p>90-95% Movement capacity</p>	<p>100% Movement capacity</p>	<p>0%</p>	<p>100%</p>
<p>Rigidly Mounted Rotation</p> <ul style="list-style-type: none"> - 1 excavator class power loss + 90 - 95 % movement capacity + 3 years/3,000 OpHrs warranty No limits + low weight 	<p>Rigidly Mounted Rotation</p> <ul style="list-style-type: none"> - 1 excavator class power loss + 90 - 95 % movement capacity + 3 years/3,000 OpHrs warranty No limits + low weight 	<p>Quick-coupler</p> <ul style="list-style-type: none"> - 0% movement capacity + no power loss 	<p>Tilt Rotator, Rigid Mounting</p> <ul style="list-style-type: none"> - 3 excavator classes power loss - limited with tough operations - high weight Permanently attached to the excavator + 100 % movement capacity
<p>With Swivel Bucket</p> <ul style="list-style-type: none"> - too wide for sewer construction + 99 % movement capacity 	<p>With Tilt in a Sandwich Design as Movable Extension</p> <ul style="list-style-type: none"> - 4 excavator classes powerloss - limited with tough operations - high weight + 100 % movement capacity + rare changes, necessary only for special tasks 	<p>With Tilt Rotator in a Sandwich Design</p> <ul style="list-style-type: none"> - 4 excavator classes power loss - limited with tough operations - frequent changes necessary - high weight + 100 % movement capacity 	

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RotoTop - for All Purposes

And that for more than 10 years

3 Years of Warranty for All Applications

A rigidly mounted RotoTop is convincing due to its robust building design which remains unaffected by vibrations. Truly unique is our **warranty** (3 years/3,000 OpHrs) even for tough usage such as with a vibrating plate, hydraulic hammers or when working with a rock cutter! Our RotoTop can manage - no ifs and buts! This means that you can rigidly mount the RotoTop, always use it 100% and you don't need a sandwich solution.

Designed for More Than Just One Excavator's Life

Owing to our first-class service we do not only guarantee operational safety, but give your RotoTop a "second life". We overhaul your RotoTop and put in a new condition - and that for only 1/5 of its purchase price.

Unique Recoverability

Our RotoTop is constructed in such a way that important parts last almost forever. That's the reason why we offer to repurchase your RotoTop after your operations are over. Sounds unbelievable, doesn't it? - But Hulp products are simply different!

Convincing on all levels

We gained a host of experience from numerous applications under the most extreme conditions and special operations worldwide. It was our aim to optimally adapt any RotoTop size to the respective excavator class. New ways are time-consuming: We needed 9 years for 7 sizes. For our customers, though, it was well worth it! Light-weight, low and yet very robust, for all excavator classes ranging from 0.8 t to 35 t – of course with rigid mounting. Even with the toughest of operations with vibrating plate, hydraulic hammer and rock cutter – our RotoTop can manage all of this! This is emphasized by our **3-year warranty** on all rigidly mounted RotoTops.

Rotary joint for all purposes

Even vibrating plates, mulchers and many other tools work smoothly thanks to our large rotary joints. Our 8-way rotary joint offers the possibility to operate any fully hydraulic quick-coupler without any noteworthy power losses - and that at full capacity at any time. Operators may hence get used to their "wrist", utilize it at 100% and allow it to become second nature to them.

systempartner.

Info & Videos

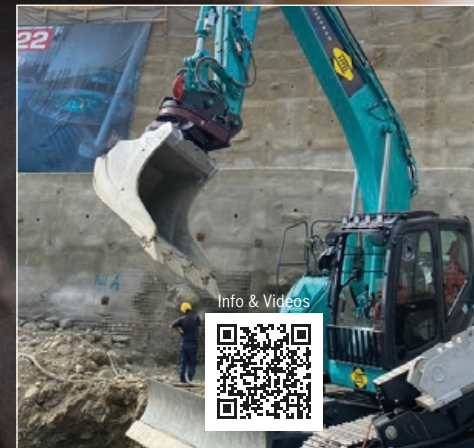


Sustainability

Our RotoTop was designed for more than one excavator life



In 2015, a RotoTop RT301 was delivered to HTB-Arzt Spezialtiefbau. Their excavator plus quick-coupler was sorted out after 6,000 OpHrs of tough operations in pure rock in 2020. According to their operator, the rotary drive RotoTop, however, still felt like new. The latter was returned to us with considerable signs of wear. The drive's housing only got a professional facelift after the check-up and was then fitted with a new fully hydraulic quick-coupler and an 8-way rotary joint. The RotoTop could thus be cost-effectively overhauled. It was subsequently returned to HTB, where it was reattached to a new excavator, ready for new operations and tasks.



Clever Down to the Last Detail

Individual configuration · Cost-effective attachment ·
No joystick retrofitting necessary

Rotary Quick-Coupler
For excavators ranging from
0.8– 35 tonnes
360° limitlessly rotatable

Low fitting to the
quick-coupler
Up to 3.9 t = 90 mm
At 35 t = 250 mm

Low additional weight to the
quick-coupler, 27 - 390 kg
depending on the type

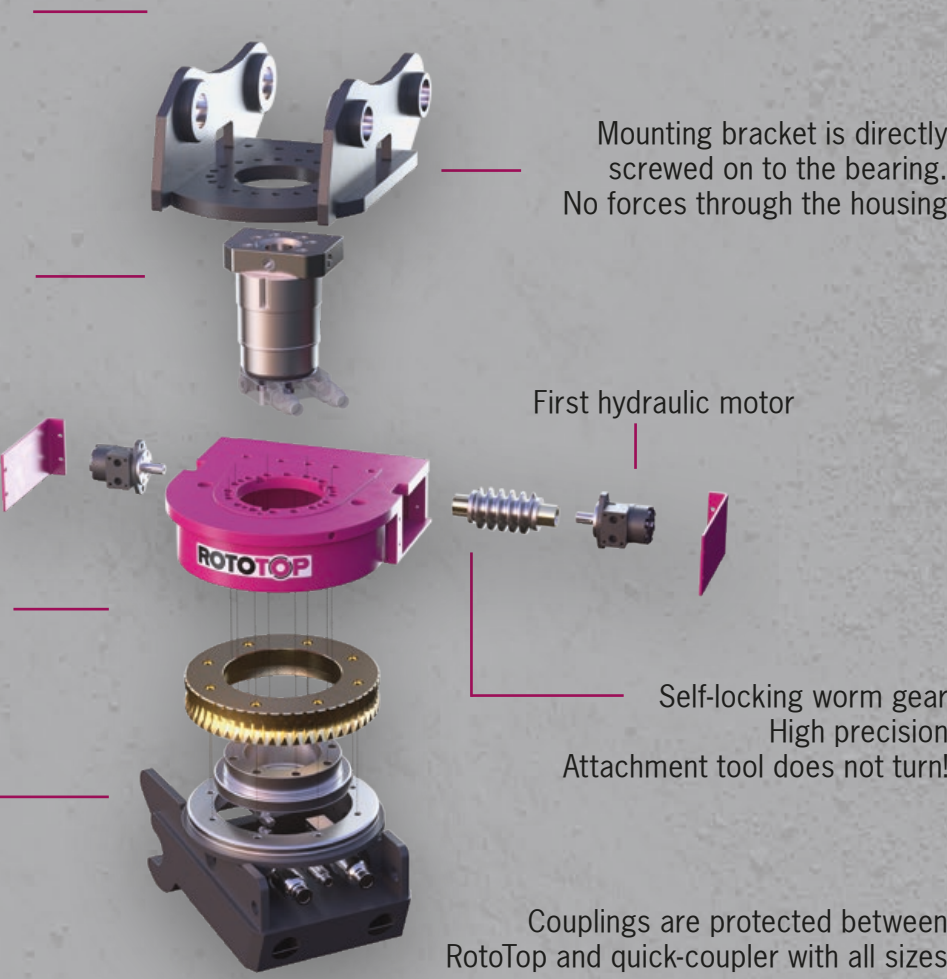
Can be directly mounted to the
excavator boom.
Also available as a sandwich
design with a quick-coupler
(above and underneath).

Rotary joint
Operating pressure of 400 bar
Up to 8-way rotary joints
Current feedthrough possible
with all options

2. Hydraulic motor optional *

Fully boxed housing for
protection of hydraulic motors

Extremely shock-resistant
bearing for tough usage on
rock cutters, ripper buckets,
hydraulic hammers etc.



*** Innovative technology makes various options possible**

- Rotary encoder for 2D and 3D controls (available for all common systems)
- Second motor for more power/less speed (e.g. drilling unit / felling grabs)
- Second motor with Power Rotation Control (PRC) for more power and more speed (Functions like a 2-gear drive, automatic switching depending on the power required)

ROTOTOP®

	RT031	RT062	RT091	RT121	RT201	RT251	RT301
							
For excavators up to*	0.8 - 3.9 t	3.5 - 6.5 t	6 - 10 t	7 - 12 t	10 - 18 t	17 - 27 t	25 - 35 t
Dead weight**	24 kg	57 kg	73 kg	104 kg	156 kg	229 kg	315 kg
Width A	169 mm	199 mm	221 mm	232 mm	259 mm	291 mm	360 mm
Width B	121 mm	147 mm	170 mm	204 mm	259 mm	291 mm	360 mm
Total width A+B	290 mm	346 mm	391 mm	436 mm	518 mm	582 mm	720 mm
Length C	286 mm	385 mm	414 mm	459 mm	565 mm	652 mm	786 mm
Construction height	85 mm	122 mm	142 mm	162 mm	164 mm	164 mm	164 mm
Max. Breakaway and tearing force	32 kN	48 kN	70 kN	80 kN	105 kN	180 kN	230 kN
Rotation clams-hell rotary piping	9 - 16 litres	20 - 36 litres	24 - 44 litres	25 - 45 litres	42 - 67 litres	52 - 72 litres	51 - 77 litres
Rotations/min	5 - 9 r/min	5 - 9 r/min	5 - 9 r/min	5 - 9 r/min	5 - 8 r/min	5 - 7 r/min	4 - 6 r/min

Rotary joints

Channels	5-way	6-way	6-way	6-way	6-way	6-way	6-way
Flow rate***							
Standard	70 l/min	120 l/min	120 l/min	120 l/min	250 l/min	250 l/min	250 l/min
HighFlow	-	-	-	-	280 l/min	-	-
MegaFlow	110 l/min	-	200 l/min	200 l/min	350 l/min	350 l/min	350 l/min
Channels	-	8-way	8-way	8-way	8-way	8-way	8-way
Flow rate***							
Standard	-	120 l/min	120 l/min	120 l/min	250 l/min	250 l/min	250 l/min
HighFlow	-	-	-	-	-	-	-
MegaFlow	-	-	160 l/min	160 l/min	280 l/min	280 l/min	280 l/min

ROTOX®

RotoX RT + PowerTilt	PT030.031	PT070.062	PT100.091	PT180.201	PT240.251	PT300.301	PT465.301
For excavators up to*	2 - 3 t	3 - 7 t	7 - 10 t	10 - 18 t	18 - 24 t	24 - 32 t	32 - 37 t
Swivel angle Up to 2x	85 - 90°	85 - 90°	85 - 90°	60°	60°	60°	60°
Construction height	On request, varies according to excavator manufacturer and swivel angle.						

* Varies according to manufacturer. Please bear breakaway and tearing force in mind!
** RotoTop with flange ring, no rotary joint
*** at a pressure difference Δp = 10 bar
For all rotary joints, current feedthroughs with 12 leads are freely configurable and data transmission via bus system possible. One oil channel is omitted for that.





Our RotoTop - A Fitting Complete Package!

Tried and tested in thousands of operations ranging from gardening, landscaping and rock works to rootstock clearing.

Testing - Learning - Experiencing

In our Test Arena in Murrhardt-Fornsbach/Germany

In our 7,000 sqm Test Arena in Murrhardt-Fornsbach/Germany you can test various different attachment tools at 13 stations. We have several types of excavators on site at your disposal at any time. These stations enable you to get familiar with all the options and possibilities in a construction site setting: Ease of handling, potentials for cost-cutting, time savings, and profitable competitive advantages above all. Under the slogan "Excavator tuning made by Holp", we would like to make you enthusiastic about our technology!

By the way: Excavator tuning has absolutely nothing to do with engine performance. Where we begin, it is not about a 2-3% engine performance increase, but rather about a 10-fold increase.



Excavator tuning on the boom adds a decisive advantage in agility!

Please put our attachment tools to the test and gain some first-hand live experience with our RotoTop in combination with MultiGrip, VarioLöffel, ProfilLöffel, swivel bucket as well as tilt underneath. In addition to that, it is possible to test the attachment tools of our partners DMS, Kronenberger, Rokla, UAM and TMC in the Test Arena. You can choose from rock cutters, hydraulic hammers, grapples, screener crushers and mulchers and make this testing day your perfect day.

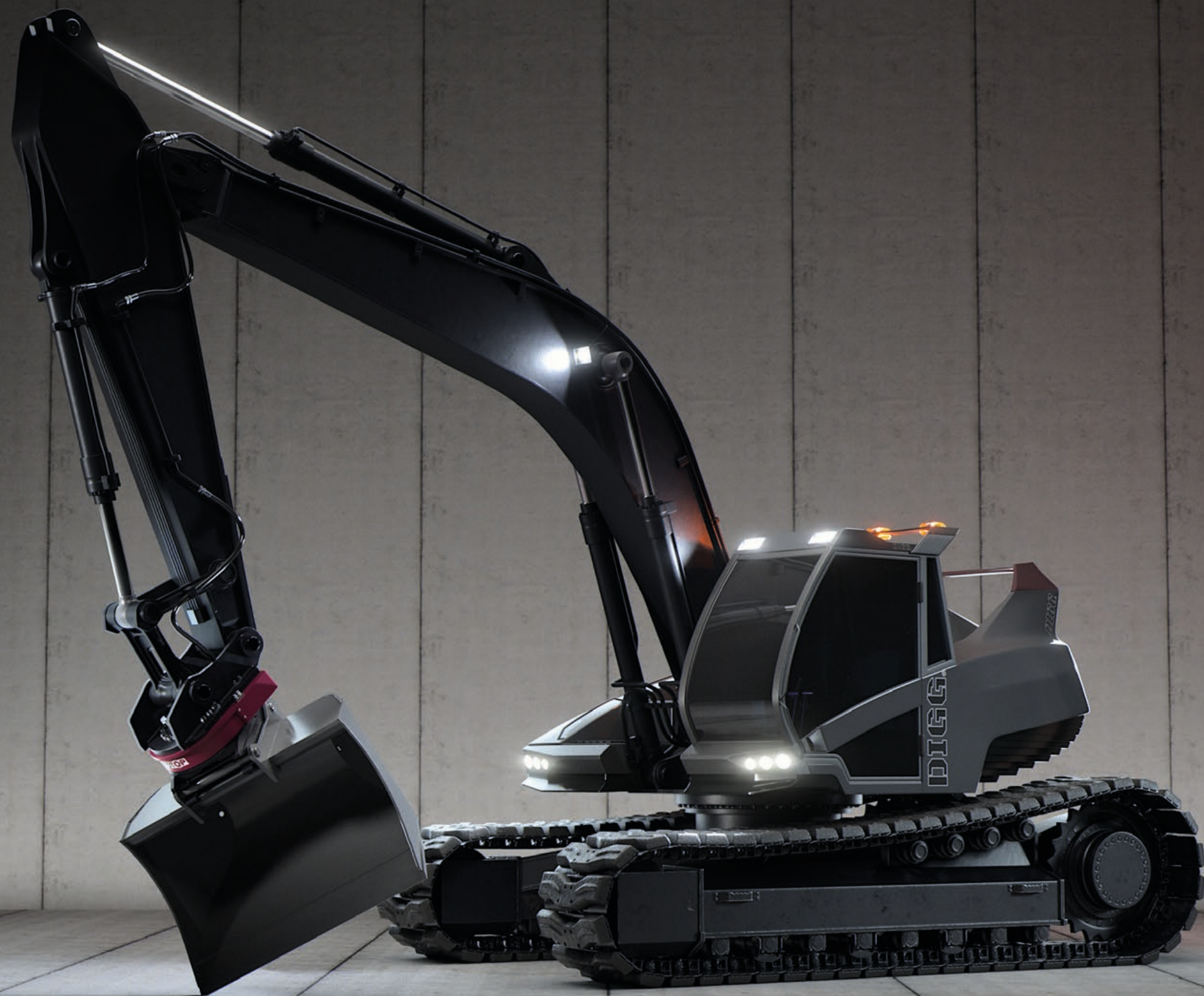
Test and compare our systems in our Test Arena at any time! Please register even today for one of our trainings or make your own individual appointment.

Information, inquiries & registration:
holp.eu // vertrieb@holp.eu // +49 7192/9336-120



Info & Videos





The “Fingers” on the Bucket

More Power through Secure Grabbing

TOP High safety

TOP Enormous flexibility

TOP Low dead weight

MULTIGRIP



MultiGrip – Versatile with a Strong Grip

Our MultiGrip offers a host of gripping possibilities: The thumb principle brings about enormous safety advantages, since the load is transported in the bucket after lift-off, and must not, as with a grapple, be held between the teeth. When excavating, the patented clamping technique makes it possible to fill the bucket with up to 30% more soil and avoid damage from falling parts. Our MultiGrip always has a strong grip on everything!



Info & Videos



Universal Tool for Working Efficiently

Up to 10 Times the Power Possible!

TOP Two work openings

TOP 10 times the power

TOP Versatile in its use

VarioLöffel – Versatile in Use And Strong in Performance

Its unique design makes our VarioLöffel the most universal bucket on the market. The v-shaped opening makes it possible to achieve a 10-fold performance increase when dragged whilst cleaning and digging a ditch. Moving trees and bushes is simplified enormously. The rectangular opening on the other hand makes it easier to trowel roadway shoulders and to trace embankments. The rounded bottom saves material when cleaning ditches and digging up drainage trenches and greatly simplifies compacting of v-shaped ditches. VarioLöffel is therefore ideal for optimally laying out and draining paths. As the rounded section is modelled after commercially available shovels, some hard manual labour can be saved.



Info & Videos



In Top Form for Rotation

Robust – quick – light-weight – economic

TOP Optimal design

TOP Low dead weight

TOP Precise handling

ProfilLöffel – Perfection And Ultra-Light in Weight

The diverse tasks in the construction of roads, gardening and landscaping require ideal equipment which brings about many profitable advantages. Combine both our rotary drive RotoTop and our ProfilLöffel and operate in an immensely flexible, precise and therefore very efficient way. Excavating while profiling, modelling and troweling - and all that in just one work flow. With this combination your excavator is guaranteed to be in top form - and that saves time. The sloped sides put you in a position to operate in close proximity to walls and boundaries. Due to its optimal design as well as the far protruding cutting edge, you achieve maximum effect owing to the shape of the ProfilLöffel.



Info & Videos



No Damages - No Down Time!

The “patented solution” for easy coupling

TOP Long product life cycle

TOP No oil leakage

TOP Quick coupling

QuickOn – “Quick” And Optimal

Exchanging attachment tools must be fast. We often see a build-up of residual pressure, however, which makes it nearly impossible to connect hose fittings by use of one's physical strength only. Many operators then use a hammer which causes great damage to the coupling. Once damaged, hydraulic oil starts leaking and causes environmentally harmful soil pollution - that's why you should use our QuickOn tongs instead! The coupling is gripped with the QuickOn tongs' two robustly forged clampshells and then squeezed. With the pressure released, easy use of the coupling's locking mechanism is possible. In addition, the optimal linear bearing prevents the coupling from damage and its durability is therefore increased. QuickOn is suitable for all available coupling sizes & makes.



Info & Videos



Change More Quickly - More Possibilities

Quick-coupling system for forest cranes

TOP Flexible use

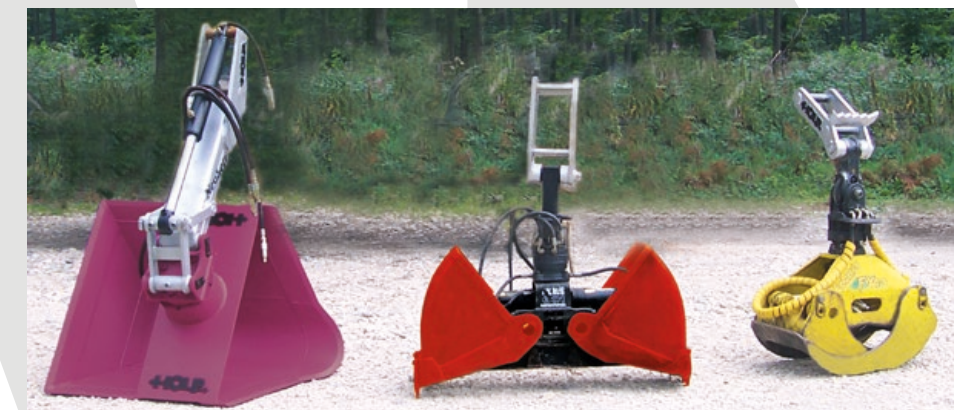
TOP Optimal power
transmission

TOP Reduced idle times

KranFix – Powerful And Flexible

KranFix is the only tool replacement system for cranes where the attachment tool can be firmly attached to the forest crane. This enables you to quickly and easily change swinging and rigidly mounted tools on the crane. Fixedly mounted attachment tools such as mulchers, VarioLöffel, grapple saws etc. may be easily attached to the quick-coupler linkage. This technology guarantees optimal power transmission into the crane and long endurance. Our KranFix makes optimal use of your tool's capacity possible, greatly reducing idle times and turning the forest crane into an excavator.

KRANFIX



Infos & Videos



Technical Data

MULTIGRIP®

Type	Excavators up to weight (t)	Dead weight ca.* (kg)	Capacity SAE (litres)	Cutting width (mm)	Opening (A) max (mm)
MG.015.050	1.5 t	55 kg	33 l	500	340
MG.022.055	2.2 t	80 kg	53 l	550	530
MG.030.060	3 t	150 kg	78 l	600	730
MG.045.060	4.5 t	165 kg	114 l	600	825
MG.060.060	6 t	185 kg	150 l	600	1.010
MG.075.080	7.5 t	250 kg	237 l	800	1.115
MG.095.080	9.5 t	345 kg	252 l	800w	1.200
MG.120.080	12 t	380 kg	280 l	800	1.300
MG.150.100	15 t	670 kg	524 l	1.000	1.540
MG.190.100	19 t	730 kg	689 l	1.000	1.620
MG.220.100	22 t	850 kg	779 l	1.000	1.690
MG.250.100	25 t	970 kg	895 l	1.000	1.750

* All weight specifications with QC suitable for Lehnhoff
Available for excavators ranging from 0.8t - 25t • other cutting widths on request

VARIOLOFFEL®

Type	Excavators up to weight (t)	Dead weight ca. (kg)	Capacity SAE (litres)	Slope angle
VarioLöffel without RotoTop				
VL 112.100	2 - 3.5 t	140 kg*	120 l	54°
VL 112.200	3 - 6.0 t	190 kg*	200 l	54°
VL 112.300	4.5 - 8.5 t	240 kg*	300 l	54°
VL 112.400	7 - 14 t	320 kg*	400 l	54°
VL 112.700	14 - 25 t	570 kg*	700 l	45°

VarioLöffel with RotoTop				
VL 112.220	3 - 6,0 t	310 kg**	200 l	54°
VL 112.320	4.5 - 8.5 t	340 kg**	300 l	54°
VL 112.421	7 - 14 t	460 kg**	400 l	54°
VL 112.722	14 - 25 t	750 kg**	700 l	45°

* Weight specifications incl. mounting bracket suitable for Lehnhoff
** Weight specifications when directly mounted to the bucket

PROFILÖFFEL®

Type	Excavators up to weight (t)	Dead weight ca.* (kg)	Capacity SAE (litres)	Cutting width (mm)	Back width (mm)
PL.010.080	1.8 t	64 kg	95 l	800	400
PL.020.090	2.5 t	93 kg	120 l	900	500
PL.040.110	4 t	130 kg	130 l	1.100	680
PL.060.120	6 t	170 kg	200 l	1.200	740
PL.080.140	10 t	290 kg	340 l	1.400	800
PL.120.150	12 t	390 kg	450 l	1.500	900
PL.140.170	16 t	510 kg	665 l	1.700	1.100
PL.220.160	25 t	805 kg	1160 l	1600	1000

KRANFIX®

Type	Quick-coupler 1	For attachment to, e.g.:	Dead weight ca.
SW 351.001	Quick-coupler , swinging width 80 mm	Loglift, EPSILON alt	35 kg
SW 352.001	Quick-coupler , swinging width 99 mm	Loglift from F61-F121	36 kg
SW 359.004	Quick-coupler for Epsilon swing incl. hydraulic couplings	EPSILON M/S/	39 kg

Type	Changer cartridge 1	For attachment to, e.g.:	Dead weight ca.
WK 451.101	Changer cartridge for log grapples or soil grabs with toothed ridge	SW 351/352/359	35 kg
WK 451.102	Changer cartridge with toothed ridge „straight“ for twin grab swing brake with toothed ridge	SW 351/352/359	35 kg
WK 451.201	Changer cartridge for harvester heads incl. bracket for twin grab swing brake	SW 351/352/359	40 kg
WK 459.001	Changer cartridge for log grapple without toothed ridge	SW 359	39 kg

Type	Quick-coupler linkage 1	For attachment to, e.g.:	Dead weight ca.
SK 951.102	Long, angulated for VarioLöffel, mulcher etc.	SW 351/352/359	135 kg
SK 951.301	Short, straight for mulchers etc.	SW 359	85 kg

Info & Videos



The Holp GmbH

More than 40 years of experience – More than 20 years of development

Holp GmbH started in 1979 as an earthworks company and up until today all product ideas have come from the operator and managing director himself.

With our innovative developments and broad range of industry know how we've been successfully setting standards in Germany and abroad. This results in very high requirements for our products – above all as far as efficiency and sustainability are concerned. New developments must achieve a minimum 25% performance increase. A minimal endurance of 5,000 operating hours, simple mounting, repairs at favourable conditions as well as the possibility of overhauling the products are

important key aspects in the construction and design of Holp products. With our advanced attachment tools, we decisively contribute to increasing excavator performance greatly. Through close cooperation with our customers, we have a wealth of experience - in all trades - which enables us to continuously develop our products. We provide advice individually and comprehensively because customer satisfaction is our guarantor of success.

We don't want to be the biggest, only the best.
– Günter Holp



Excavator Tuning SHOP

Please take a quick tour of our Excavator Tuning Shop!
There you can find cool excavator t-shirts, stylish multifunctional scarfs, caps, cups and much more.

shop.holp.eu



Your Distributor

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