

50 years of experience in production & technology



grab- and loading  
technology  
since 1965

**DORN-TEC**

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Your professional partner for



BAUMA 2019

crane- and  
excavator attachments



[www.dorn-tec.de](http://www.dorn-tec.de) / [www.dorn-tec.com](http://www.dorn-tec.com)



Geschäftsführer  
Dipl.-Ing. (FH)  
Christian Dorn

DORN-TEC is a European and German registered trademark of DORN-TEC GmbH & Co.KG.

We offer our customers individual and high-quality solutions of grab and loading-technology, for municipal- and forestry-industry.

From a former pioneer in the grab technology we have developed to one of the most important complete outfitters for the forest technology in Europe.

Our success is based on an easy and proven principle: We offer

you reliability, quality and economic efficiency.

### More than 10.000 satisfied customers.

You appreciate our 50 years of experience and our wide range of forest equipment - than feel free to contact us at any time.

Full service from DORN-TEC - that includes expert consulting, customized solutions and our own customer service - this saves you time and money.

### Motivated employees are there for you.

Our employees are highly qualified and are taking professional care of your orders in our company in Kempten (Allgäu). Especially if you are facing a difficult situation, we are eager to develop a pragmatically customized solution for you.

**Our main indicator for success - is your satisfaction.**

### A European Corporation.

As a customer of DORN-TEC you profit unlimitedly from our high quality products. Our machines run meanwhile in 15 European countries. With many different partners we are represented in numerous areas also on the regional level and work together with an international shipping organisation.

### Location / Origin.

Our company is located in Kempten / Allgäu and we are your qualified contact partner for all requirements on professional forest, grab- and loading technology. Since 1965 we work in the field of mechanical engineering and distribution of machines and accessories. We have developed thousands of innovative and individual solutions for our customers.

### History.

DORN-TEC GmbH & Co. KG was founded in 1965 and is a traditional German company and since the beginning a family business. Our USP is to offer experienced products, as well as good innovative devices.

Quality and economic efficiency determine our action in service for our customers.

**Convince yourself! We are looking forward to provide solutions for you.**

Sincerely



Christian Dorn



Team DORN-TEC on a tradeshow assignment



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# timber grabs for cranes and mini-excavators



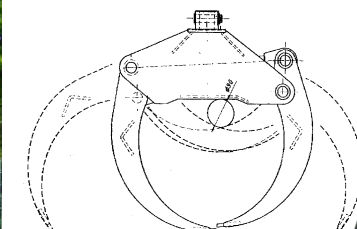
The log grapples of the TopGrip line are the most common, light duty equipment for hobby and semiprofessional usage. Thousand of satisfied customers have already approved our grabs in whole Europe. These small and medium sized wood grapples can be easily adapted to different machines: mini-excavators, forestry cranes, front loaders, hydraulic loaders and wheel loaders which are not intended for an intense work. Light robust construction with an outstanding cost performance ratio. Body construction with covered cylinder, connections and guide bars inside of the grapples. The single hydraulic cylinder provides the right grip for the specific application.

The TopGrip [TG] wood grapples are produced in the sizes Small [S], Medium [M], Large [L] and X-Large [XL].

### Key benefits of our TopGrip log grabs:

- enforced claws
- strong main frame
- end-to-end bolts
- easy accessible lubrication nipples
- 2 internal guide bars

**TopGrip - reliable timber grabs** with an high level of productivity



Mini-excavator connection with quick coupler adaptor and rotator



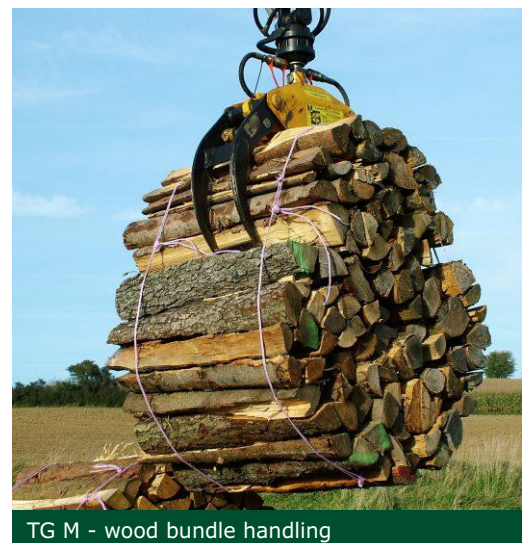
TG L with shaft rotator HDR 30/45



TG XL with flange rotator HDR 45F



TG M - timber handling



TG M - wood bundle handling

Typen	Typ	S	M	L	XL
Gewicht	w eight	50 kg	70 kg	90 kg	110 kg
Griffweite	gripping	900 mm	1000 mm	1200 mm	1400 mm
Greiffläche	grip area	0,16 m <sup>2</sup>	0,18 m <sup>2</sup>	0,22 m <sup>2</sup>	0,25 m <sup>2</sup>
Arbeitsdruck	pressure	200 bar	200 bar	200 bar	200 bar
Min. Greif-Ø	min. Ø	70 mm	80 mm	90 mm	90 mm
Höhe offen	height	650 mm	710 mm	820 mm	760 mm
Breite	w idth	230 mm	260 mm	300 mm	330 mm
Empf. Rotator	rotator	HDR 30	HDR 30/45	HDR 30/45	HDR 30/45/45F
Festanbau-Rotator	fix rotator	HDR 30/55FF	HDR 55FF	HDR 55/500FF	HDR 55/500FF

changes reserved at any time

# hydraulic rotators for cranes and excavators



We offer the complete range of modern hydraulic rotators for gimbal mounting. Our rotators are equipped to forestry and general cargo cranes, excavators and construction machines. Depending on the demand and grab the rotators are equipped with flange or shaft connection. We deliver the standard connection dimensions of all well-

known producers. The range includes rotators from 1- 16t, all machines are ISO9001 certified and will be used in forestry, construction and industrial areas.

Our rotators can be easily assembled to nearly all kind of hydraulic grabs.



HDR 30



HDR 45



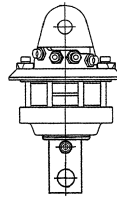
HDR 45F



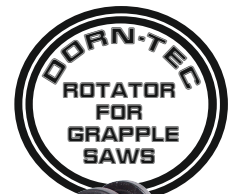
HDR 45FQ



HDR 55



Standard-Typen	Type	HDR 30	HDR 45	HDR 45F	HDR 45FQ	HDR 55
Drehung	rotation	endlos	endlos	endlos	endlos	endlos
Max. Axialbelastung	axial load	3000 kg	4500 kg	4500 kg	4500 kg	5500 kg
Drehmoment	torque	800 Nm	1100 Nm	1100 Nm	1100 Nm	1300 Nm
Min. Ölfluss	oilflow	20 l/min.	20 l/min.	20 l/min.	20 l/min.	20 l/min.
Max. Druck Rotor	press. rotor	250 bar	250 bar	250 bar	250 bar	250 bar
Max. Druck Greifer	press. grab	250 bar	250 bar	250 bar	250 bar	250 bar
Gewicht	w eight	18 kg	25 kg	28 kg	29 kg	29 kg
Anschluss unten	upper	d 49,5/25 mm	d 59/30 mm	LK 173/4x17 mm	140x140 mm	d 69/30 mm
Anschluss oben	low er	d 25/60 mm	d 25/73 mm	d 25/73 mm	d 25/73 mm	d 30/73 mm



HDR 120FS



HDR 60F



HDR 100F



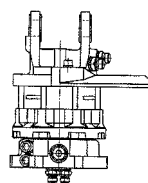
HDR100-2F



HDR 120F



HDR 160F



Profi-Typen	Type	HDR 60F	HDR 100F	HDR 100-2F	HDR 120F	HDR 160F	HDR 120FS
Drehung	rotation	endlos	endlos	endlos	endlos	endlos	endlos
Max. Axialbelastung	axial load	6000 kg	10000 kg	10000 kg	12000 kg	16000 kg	12000 kg
Drehmoment	torque	1600 Nm	2700 Nm	2700 Nm	2900 Nm	3500 Nm	2900 Nm
Min. Ölfluss	oilflow	25 l/min.	30 l/min.	30 l/min.	35 l/min.	40 l/min.	35 l/min.
Max. Druck Rotor	press. rotor	250 bar	250 bar	250 bar	250 bar	250 bar	250 bar
Max. Druck Greifer	press. grab	300 bar	300 bar	300 bar	300 bar	300 bar	300 bar
Gewicht	w eight	41 kg	56 kg	59 kg	68 kg	70 kg	70 kg
Anschluss unten	upper	LK173/6x17 mm	LK173/6x17 mm	LK173/6x17 mm	LK173/6x17 mm	LK173/6x17 mm	LK173/6x17 mm
Anschluss oben	low er	d 35/80 mm	d 35/80 mm	d 35/80 mm	d 45/100 mm	d 45/100 mm	d 45/100 mm

high pressure rotator up to 320bar on demand! changes reserved at any time

# double-flange rotators



Unlimited rotatable rotators with double flange for fixed mounting. We offer the complete range of modern hydraulic rotary heads for rigid mounting on excavators and telescopic loaders. Depending on the application and the grab we use rotators in different sizes. The connection is made at the top and bottom with a flange. The double bearing allows the

absorption of the forces in the axial and radial direction. Therefore the rotators can be operated in hanging as well as in rigid attachment. The range includes rotary heads for rigid mounting on excavators from 1.5 to 40.0 t operating weight. They are used for felling-, sorting-, stacking- and demolition-works in forestry, construction and municipal applications.



Festanbaurotator Typ	Type	HDR 30FF	HDR 55FF	HDR 500FF	HDR 700FF	HDR 1000FF	HDR 1500FF
Drehung	rotation	endlos	endlos	endlos	endlos	endlos	endlos
Max. Traglast statisch	max. load	3.500 kg	5.500 kg	10.000 kg	14.000 kg	20.000 kg	30.000 kg
Max. Bagger-Tonnage	excavator	2,0 t	3,5 t	6,0 t	8,0 t	11,0 t	21,0 t
Max. Radialbelastung	radial load	15 kN	17 kN	36 kN	40 kN	70 kN	110 kN
Drehmoment	torque	850 Nm	1.400 Nm	1.350 Nm	1.650 Nm	3.000 Nm	5.250 Nm
Ölbedarf je Umdrehung	abs. volume	180 cm <sup>3</sup>	250 cm <sup>3</sup>	350 cm <sup>3</sup>	520 cm <sup>3</sup>	940 cm <sup>3</sup>	1.600 cm <sup>3</sup>
Max. Rotation	max. rotation	35 U/min.	35 U/min.	30 U/min.	30 U/min.	30 U/min.	30 U/min.
Max. Druck Rotator	press. rotator	250 bar	250 bar	250 bar	250 bar	250 bar	250 bar
Max. Druck Greifer	press. grab	250 bar	250 bar	350 bar	350 bar	350 bar	350 bar
Gewicht	w eight	22 kg	35 kg	45 kg	55 kg	80 kg	140 kg



Hydraulic twist and rotation solutions - on request -

### Bigger rotators on demand!

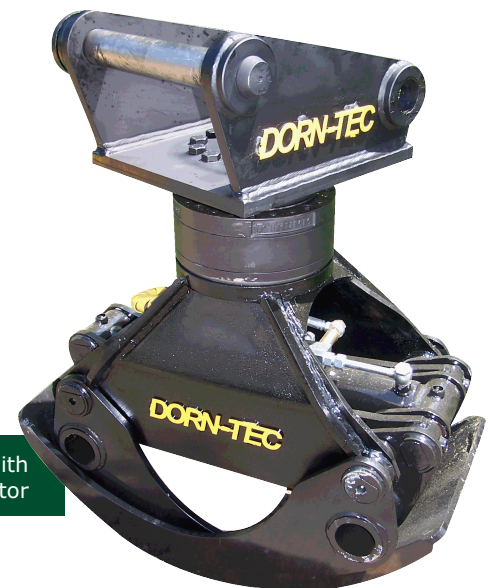
Reinforced grapple - individual adaptation



Timber grab in rigid attachment for felling and feeding works



Stone grab with rigid mounted rotator



Double flange rotator for excavator and wheel loaders

changes reserved at any time

# professional timber grabs for cranes and excavators



As a specialist for forest technology DORN-TEC offers a wide range of high performance log grapples. The timber grapples of the PowerGrip line are robust and powerful, perfectly suited for tough applications. They are made to accomplish the requirements of the most demanding forestry professionals. The compact structure, high closing force and light design make them suitable for high performing forestry cranes, forwarders, excavators, skidding cranes and wheeled loaders. The wood

grapples are equipped with a strong hydraulic cylinder, which provides an optimum closing force during the loading. The log grapples are made of high tensile strength steel, induction hardened chrome pins and quality bushings. The optimized design allows a perfect grip in every situation. The cylinder, guide bars and hydraulic connections are well protected into the structure.

**Adaption for all loaders made by DORN-TEC.**

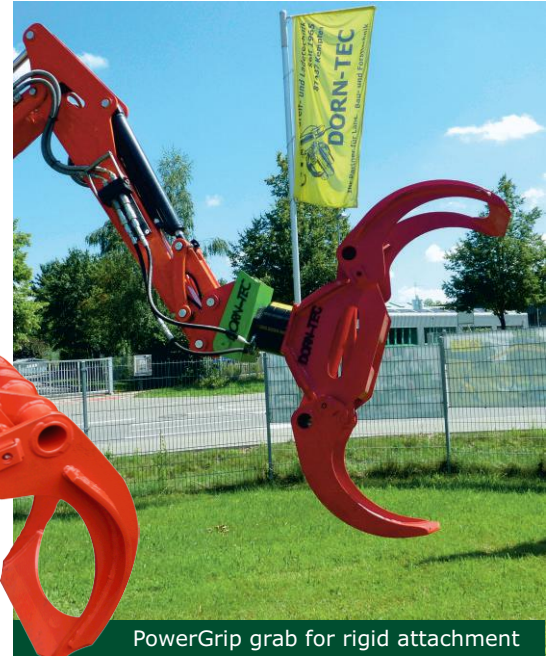


PowerGrip grab with excavator adaption

**DORN-TEC**  
**INFO**  
quick adaptors  
- Lehnhoff  
- Schaeff  
- Verachtert  
- Martin  
- etc.



PowerGrip timber grapple



PowerGrip grab for rigid attachment



PowerGrip timber grab in excavator usage



PowerGrip 425 mounted on a telescopic loader

Typ	Type	210	265	265S	285	285S	365	425	500
Gewicht	w eight	90 kg	120 kg	140 kg	195 kg	235 kg	255 kg	265 kg	420 kg
Griffw eite	gripping	1100 mm	1300 mm	1400 mm	1500 mm	1600 mm	1750 mm	1850 mm	2000 mm
Greiffläche	grip area	0,21 m²	0,26 m²	0,26 m²	0,28 m²	0,30 m²	0,38 m²	0,42 m²	0,55 m²
Arbeitsdruck	pressure	200 bar	200 bar	200 bar	200 bar	200bar	200 bar	250 bar	250 bar
Min. Greif ø	min. grip	80 mm	75 mm	80 mm	95 mm	125 mm	125 mm	135 mm	140 mm
Höhe offen	height	630 mm	690 mm	700 mm	700 mm	780 mm	850 mm	900 mm	1000 mm
Breite	w idth	395 mm	415 mm	415 mm	490 mm	550 mm	500 mm	530 mm	600 mm
Empf. Rotator HDR	rotator	45F	45F	45/60F	60F	60/120F	60/100F	100/120F	120/160F
Festanbau Rotator	fixed rotator	55FF	500FF	500FF	500/700FF	700/1000FF	1000FF	1000FF	1000/1500FF

**Bigger grapples on demand!**

**high pressure cylinder up to 250bar on demand!** changes reserved at any time

# standard brush grapples

Brush grabs are used for loading and unloading branches, bushes, brush-wood and smaller logs. The characteristic design of the forks are particularly suitable for feeding wood chippers due to the fact that they are collecting cut-off wood very easy without taking dirt to the inlet. Several different sizes allow to adapt the grabs to nearly all kind of loaders and excavators. Ask us we can give you the advise which grabs suits to your needs.



grab with fixed rotator

standard brush grapple R4 with 4 forks and rotator



brush grab R3 with 3 forks

Typ	Gewicht	Zinken	Druck	Abmessungen in mm.		
Type	weight	forks	pressure	dimensions in mm.		
	KG	No.	MAX. BAR	A	D	F
Model Z 900 R	65 kg	3 / 4	200	0,16 m <sup>2</sup>	900	280
Model Z 1000 R	85 kg	3 / 4	200	0,18 m <sup>2</sup>	1000	300
Model Z 1200 R	105 kg	3 / 4	200	0,22 m <sup>2</sup>	1200	350
Model Z 1400 R	125 kg	3 / 4	200	0,25 m <sup>2</sup>	1400	380
Model Z 1500 R	165 kg	3 / 4	200	0,28 m <sup>2</sup>	1500	490

# professional brush grapples

**The professional brush grabs from DORN-TEC are used...**

- on forwarders and professional forestry cranes
  - in local authorities and municipal recycling companies
  - in professional chipping enterprises
- The special grab for professional chipper feeding. The universal grab for all professional applications in loading and unloading branches, bushes, brush-wood and smaller logs. Highest quality for highest demands.



brush grapples for professional usage

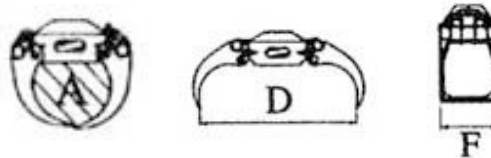


brush grab 38 R4 with flange rotator



universal brush grapples 38R7

dimensions



**Bigger grabs on demand!**

Typ	Gewicht	Zinken	Druck	Abmessungen in mm.		
Type	weight	forks	pressure	dimensions in mm.		
	KG	No.	MAX. BAR	A	D	F
Model 15 R4	130 kg	4	200	0,21 m <sup>2</sup>	1300	400
Model 21 R4	145 kg	4	200	0,26 m <sup>2</sup>	1400	400
Model 28 R4	205 kg	4	200	0,28 m <sup>2</sup>	1500	470
Model 38 R4	245 kg	4	250	0,38 m <sup>2</sup>	1600	510
Model 38 R7	320 kg	7	250	0,38 m <sup>2</sup>	1600	620
Model 42 R5	420 kg	5	250	0,42 m <sup>2</sup>	1900	800
Model 55 R9	750 kg	9	250	0,50 m <sup>2</sup>	1950	850



# linkages for cranes and excavators



## HDG 55

- 5,5 t cardanic linkage
- without / single swing damper
- for rotator HDR 30/45/55

## HDG 100

- 10,0 t cardanic linkage
- without / single- / double-swing damper
- for rotator HDR 60/100

## HDG 160

- 16,0 t cardanic linkage
- without / single- / double-swing damper
- for rotator HDR 120/160

## HDG S

- cardanic linkage for shaft
- without / single swing damper
- mass customization for all rotators

## Quick coupler adaptor

- with linkage for quick couplers (Lehnhoff, etc.)
- without / single- / double-swing damper
- for different quick couplers/rotators

## Mech. rotation linkage

- cardanic rotation linkage
- without swing damper
- rotator replacement

## Rotator hooks

- for rotators HDR 30 / 45 / 55



hooks for rotator connection



HDG S - shaft linkage



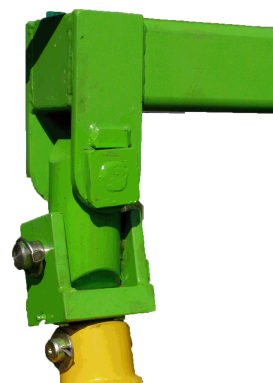
HDG 55 - linkage



HDG 100 / 160 - linkage



Q-coupler adapter with linkage



mech. rotation linkage

# hydraulic control valves and components

## hydraulic control valves

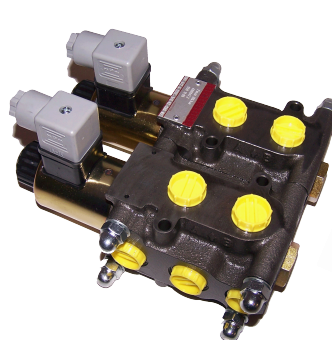
- direct control valves HC60 multilever, 2-lever-, 2-lever (3-coord), 2-lever electr. on/off valves
- electro hydraulic directional control valves with remote control
- cabine control valves with low-pressure or electro hydraulic control valves with joysticks

## electro hydraulic switches

- single- or double switch valves
- with joystick and cable

## hydraulic components

- custom made hydraulic hoses
- hose protection spirals
- hydraulic quick couplers
- over pressure valves



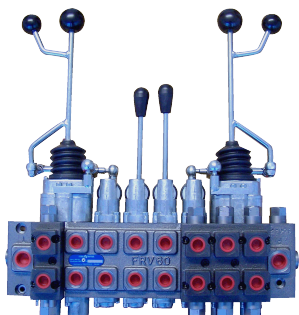
elektr. hydr. switches



EHC proportional valves with remote control



EHC-electric control valves with joysticks



EURO 2-lever (3 coord) valve



EURO 2-lever electr. on/off

changes reserved at any time

# front loader grabs

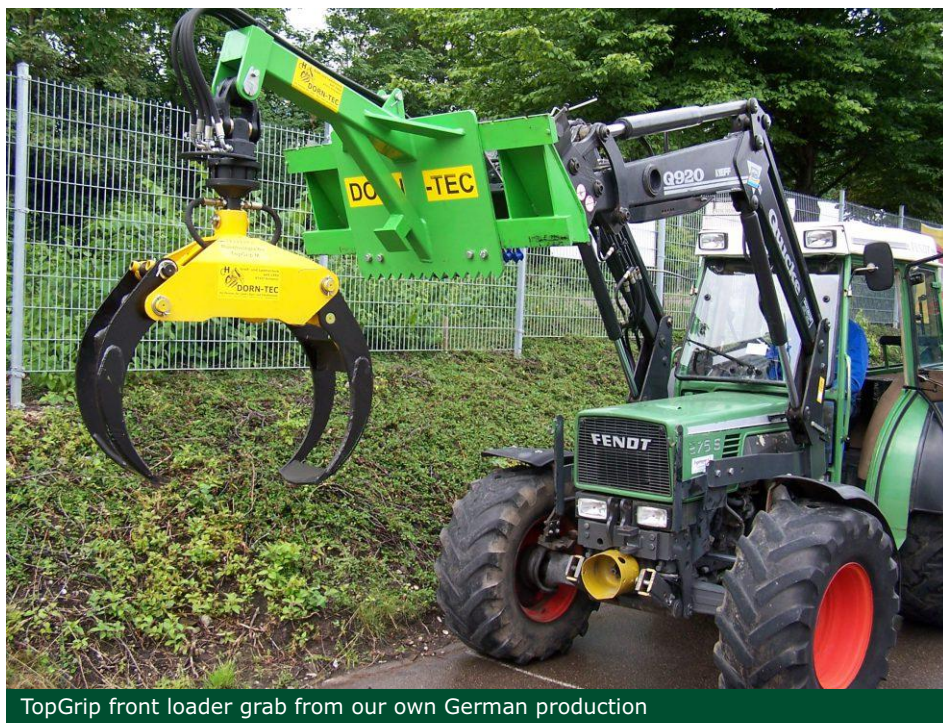


A special frame construction enables an effective usage of a log grab on your front-, telescopic-, wheel-loader or hoftrac for loading and skidding operations. With the DORN-TEC front loader grab you can use your frontloader for transport, loading and unloading logs without leaving the tractor. Equipped with a mechanical rotation linkage or a hydraulic rotator you can operate with your loader like a crane. The selection of the log grab and the rotator depends on the size of the loader or tractor and the individual usage. Our frame construction is well-proved for years. All parts are from our own production in Germany the usage of Quality steels assure great stability on minimum weight.

The modular build-up based on a pallet fork frame guarantees maximum flexibility and offers the possibility to rebuilding a pallet fork. We can also offer a slewable frame or a complete version with single or double hydraulic switch, so that you need just 2 hydraulic connections.

Standard equipment:

- TopGrip timber grab
- hydr. rotator or mech. rotation linkage
- loading frame with cross-pending linkage
- carrier frame with EURO-connection plate
- transport fixation



TopGrip front loader grab from our own German production



larger versions - on demand



crosswise loading side loading of trailers



maximum performance - minimum weight



lengthwise loading rear loading of trailers

FLG Typ	Type	S / 30	M / 30	L / 30-45	XL / 30-45	XL / 45F
Gewicht	weight	180 kg	200 kg	220 kg	240 kg	250 kg
Greiffläche	gripping	0,16 m²	0,18 m²	0,22 m²	0,25 m²	0,25 m²
Arbeitsdruck	pressure	200 bar	200 bar	200 bar	200 bar	200 bar
Holzgreifer	grab	S	M	L	XL	XL
Öffnung	opening	900 mm	1000 mm	1200 mm	1400 mm	1400 mm
Rotator	rotator	HDR30	HDR 30	HDR30/45	HDR30/45	HDR45F
Axiallast	axial load	3,0 t	3,0 t	3,0/4,5 t	3,0/4,5 t	4,5 t
Anschluss	connection	Bolzen	Bolzen	Bolzen	Bolzen	Flansch
Drehbereich	rotation	endlos	endlos	endlos	endlos	endlos
Optional	optional	mech.	mech.	mech.	mech.	mech.

changes reserved at any time

# grapple saw



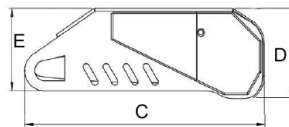
Accessories saw cassettes for timber grabs. Sawing and cutting with maximum performance. Robust, durable structure - easy to mount solution for large and small timber grapples. Used as a gripping saw for fast cutting and sorting or as a felling head in a fixed attachment on an excavator or telescopic loader. The optimum solution as a complete unit or retrofit kit for your timber grab. Optionally available standard adapters for grabs.

## Automatical saw cassettes SK

- compact design / integrated lubrication tank
- high quality harvester sword and chain
- different cutting lengths with good cutting performance
- adjustable / different adapters
- sawing of logs up to 75cm in diameter
- adaptable to all grabs



saw cassette for timber grabs



Typ	Schnitt	Gewicht	Druck	Ölmenge	Abmessungen in mm.		
Type	cutting	weight	pressure	oil flow	dimensions in mm.		
	∅	kg	MAX. BAR	l/min.	C	D	E
SK 400	400	45	250	25 - 60	805	360	330
SK 500	500	55	250	50 - 100	950	360	330
SK 750	750	75	320	80 - 150	1150	365	350



Suitable solutions for large and small grabs



grapple saw for felling works

# wood splitting tongs

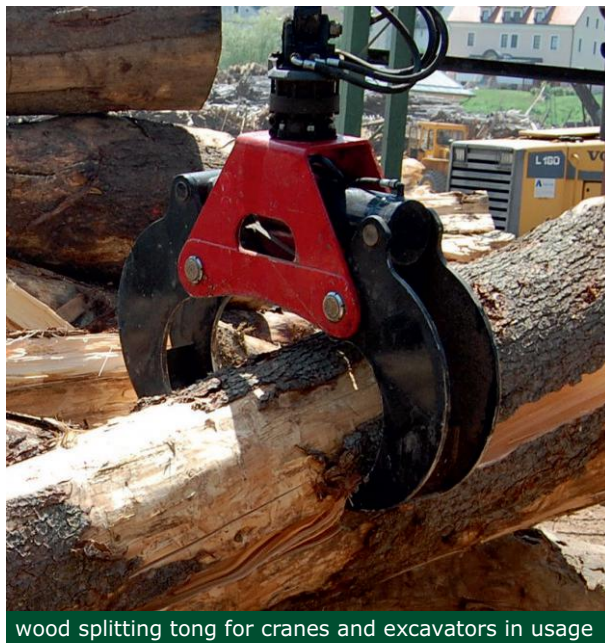
Wood splitting tongs - are used for splitting large trunks for the feeding of a wood chipper. In addition, they are also used in all harvest and processing methods of strong wood. Pre-splitting of thick trunks improve the natural drying process. Splitting tongs can also be used as a gripper. Through an

extremely large hydraulic cylinders and the special shape of the claws effortless shredding is possible.

We offer different sizes depending on carrier unit.  
SPZ 600 / 800 / 950



splitting - overhead mounting

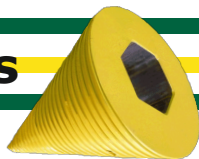


wood splitting tong for cranes and excavators in usage



wood splitter - excavator application

# cone wood splitters



Our DORN-TEC cone wood splitters for excavator attachment are proven for many years in practical usage. The splitters are manufactured, assembled and individually adapted in our factory.

**We supply cone wood splitters for carrier machines of 1.5 to 20.0 ton. service weight.**

Our professional drive works with a robust planetary gearbox with oil bath lubrication for a long life usage. The splitters can be attached to excavators, backhoe loaders, wheel loaders, front loaders, compact or telescopic loaders. Cone splitters - are used primarily for pre-splitting large trunks for the input of a wood chipper. In addition, they are also used in the crushing of whole trunks or the splitting of logs for drying and firewood.

With our high performance gear drives we are able to reach high torques of up to 20.000 Nm and a strong splitting power on the splitting cone.

With the special shape of our cones an effortless shredding can be achieved. The cone is built in two parts with a replaceable, high tempered tip. The gear drive unit can be equipped with a direct-connection or the quick-change adapter of your excavator or loader.

Depending on the carrier machine, the gear drive can be simply and easily attached and removed again. Furthermore it is possible to equip the gear drive instead of the cone splitter with an auger, stump drill, weed brush, adapter for screw anchor or a mixing drum. One attachment for several service functions!

**No manual work - No diameter limit - No length limit - High capacity - little wear! - Practical proven system!**



cone splitters from DORN-TEC - high performance splitting force



our planetary drives guarantee - high performance - little wear



wood splitting from the excavator cab!  
- No manual work - effective work reduction



stump removal drills

## DORN-TEC INFO

- 1 drive
- many functions
- > wood splitter
- > earth drill
- > stump planer
- > mixing
- > sweeping



earth drills

changes reserved at any time

# cone wood splitters



excavator splitters - proven for many years - high quality - very robust construction



cone splitter attached on an excavator



cone wood splitter - with attachment for front- or wheel loaders



peak technology cone with high strength shaft



cone wood splitter - mounted on a wood chipper



Typ	Größe	Bagger	Drehmoment	Kegel	Ölmenge	Druck	Bohrer	Bohrer	Fräser
Type	Size	excavator	max. torque	cone	oil flow	pressure	drill	drill	stump
		Ton.	Nm	Ø mm	l/min.	max. bar	Ø mm	Kat.	Ø mm
KS1	XS	0,8 - 2,5	1.500	160/180	20 - 45	205	100-400	S	---
KS2	S	1,5 - 3,0	2.500	160/180/200/250	27 - 65	240	100-500	S	---
KS3	M	2,5 - 5,0	3.500	200/250	40 - 95	240	100-750	S	250
KS5	ML	4,5 - 7,0	5.000	250	40 - 85	240	150-600	M	250
KS7	L	5,0 - 9,0	7.000	250/315	50 - 115	260	150-800	M	250
KS8	XL	6,0 - 10,0	8.300	250/315	70 - 150	240	150-900	M	350
KS12	XXL	10,0 - 17,0	12.000	315	70 - 150	240	150-1000	L	450
KS20	XXXL	13,0 - 20,0	20.000	315/400	80 - 170	240	150-1200	L	450

## great advantages:

- > robust drive
- > strong gearbox
- > solid power transmission
- > quick tool change
- > high strength shaft
- > extreme high torque
- > oil bath lubrication
- > tried and tested equipment
- > long service life

changes reserved at any time

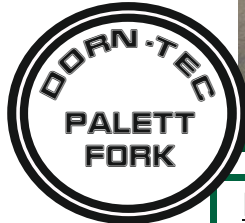
# palett fork + hydraulic downholder



Universal palett forks for all industrial frontloaders with EURO-quick coupler or with special quick coupler for wheel-loaders and excavators. Palett fork carrier with 2 forged pallet fork tines single adjustable. Standard width of palett fork carrier 1200 mm. Norm of pallet fork carrier for 2500 kg capacity ISO FEM II. Production is strictly „made in Germany“. The welding by certified welders guarantees high-quality and safe processing. High stability characterize the EuroForkCarrier. The whole construction is intensively tested. Multifunctional usage with our hydraulic logging grab quick mounting and demounting with clipped connection. **The best logging grab on the market.** Extreme wide opening minimum clamp angle until the carrier plate. Optimized design, stable and reliable quality made by DORN-TEC.



hydr. downholder with big opening for firewood bundles



**DORN-TEC**  
**INFO**

We adjust the downholder to your fork carrier!



min. closing angle for secure grabbing



holder in action on an wheel loader



logging grab for retrofitting

# quick-coupler attachments



The company DORN-TEC has specialized his production and manufacturing on tools and attachments for mini- and compact-excavators up to 16 tons. This primarily involves the production of various quick-coupler adapters like Lehnhoff, Schaeff / Terex, Verachttert, Martin, Neuson, Wacker, Liebherr, Volvo, Nado, Morin, VTN, etc.

**Ask us to an adapter for your wheel or telescopic loader!**



Morin adapters



Verachttert adapters



Schaeff / Terex - adapters



different screwed adapters



Lehnhoff adapters

Änderungen vorbehalten

changes reserved at any time

# hydraulic pulling winches



Hydraulic winches for pulling from 1000 to 10.000 kg pulling force.

We offer a wide range of hydraulic winches with a planetary gearbox or reduction worm gearbox.

The winches are safe, robust, compact, quiet and can be adapted to different machines.

### Details gearbox winches:

- suitable for use on excavators, wheel loaders and tractors
- 1 DA hydr. connection/leakage
- high performance ratio between capacity and speed
- robust and compact design
- Optional: additional safety system
- long-time proven product



optimum of capacity & speed



front mounted on a tractor



use on excavators and industrial machines

Hydr. Getriebe-Seilwinden			hydraulic pulling winches			
Typ	Type	HGS	2000	4000	7000	10000
max. Zugkraft	pulling	to.	2,0t	4,0t	7,0t	10,0t
Einzug	velocity	m/min	49-65	30-45	23-35	15-25
Empf. Seillänge	rec. wire	mt	d10/50	d10/80	d12/80	d13/80
Seilkapazität (max.)	max. wire	mt	100	100	100	100
Empf. Ölfluss	oil flow	l/min.	40	50	60	70
Arbeitsdruck	pressure	bar	250	250	250	250
L x B x H	LxWxH	cm	39x61x33	53x61x40	64x78x50	64x78x50
Gewicht (ohne Seil)	w eight	kg	120	160	210	360
Funkausrüstung	remote		Optional	Optional	Optional	Optional

# hydraulic hoisting winches



compact attachment winches with planetary gear for lifting technology. Hydraulic winches with a capacity of 600 to 7,500 kg and different cable speeds.

Suitable for use on cranes, excavators, wheel and telescopic loaders



Compact hydraulic winches with planetary gearbox / for pulling and / or lifting work



mounted winch with extension frame

Hydr. Hubwinden			hydraulic lifting winches				
Typ	Type		WN 500	WN 1000	WN 2000	WN 2500	WN 4600
max. Zugkraft	pulling	kg	500	1000	2000	2500	4600
min. Zugkraft	last layer	kg	380	790	1560	1950	3470
Einzug	velocity	m/min	42	38	34	29	22
Empf. Seillänge	rec. wire	mt	d6/25	d8/35	d10/35	d12/35	d12/40
Seilkapazität (max.)	max. wire	mt	36	50	53	54	58
Max. Ölfluss	oil flow	l/min.	25	40	50	50	75
Arbeitsdruck	pressure	bar	175	175	200	205	185
L x B x H	LxWxH	cm	21x23x24	29x28x28	35x34x35	40x36x40	43x45x44
Gewicht (ohne Seil)	w eight	kg	25	41	71	95	135
Funkausrüstung	remote		Optional	Optional	Optional	Optional	Optional



Compact hoisting winches

changes reserved at any time

# generating sets for tractor coupling IP44



The mobile power source for agriculture and forestry. We deliver alternators with 3000 rpm and 1500 rpm depending on the application. Voltage and frequency depends on the country of usage.

## performance

The generating sets deliver 400/230V nominal voltage at 50Hz frequency. The generators can be equipped with electronic regulator and/or over- and under-voltage relay.

## gearbox

The power is transmitted through a cardan joint (not included in our supply) between the power take-off and the overgear mounted on the generator. The necessary PTO rotation varies between 440 and 520 rpm.

## manual panel

The manual panel is fixed on the generating set completed with the following instruments: automatic differential circuit breaker, voltmeter, 2 sockets in accordance with EEC regulation or terminal box. Upon request: ammeter, frequencymeter, hourmeter, automatic voltage regulator.

## documentation

Manual and instruction book for installation, operation and trouble-shooting.

## generator

Industrial version: self-exciting, self-regulating, brushless synchron compound generator with life-time lubrication bearings. Short-circuit-proof and overload protected.

## main frame

These generating sets are supplied completed with a 3 points base for an easy coupling with every type of tractor. Gearbox with oil bath lubrication.

## control panel

The control panel is equipped with:

- 2-pole automatic circuit breaker 230V
- 4-pole automatic circuit breaker 400/230V
- differential circuit breaker
- CEE 3-phase socket IP44, 5-pole
- Schuko single phase socket, 3-pole



PTO generating sets - wide selection



main frame with three-point connection for tractor coupling

Modell	Leistung		Drehzahl	Spannung	Traktor	Zapfwelle	Abmessungen			Gewicht
Type	Power		rpm	voltage	HP tractor	rpm entry	dimensions			weight
	KVA	KW	U/min.	Volt	PS	U/min.	L	B	H	kg
ZG 10 TR	10	8	3000	400/230	20	440	900	850	800	95
ZG 16 TR	16	13	3000	400/230	30	440	900	850	800	125
ZG 22 TR	22	18	3000	400/230	45	440	900	850	800	140
ZG 27 TR	27	22	3000	400/230	50	440	950	950	900	150
ZG 30 TR	30	24	3000	400/230	60	440	950	950	900	210
ZG 40 TR	40	32	3000	400/230	75	440	950	950	900	240
ZG 10 TRL	10	8	1500	400/230	20	430	900	850	800	135
ZG 15 TRL	15	12	1500	400/230	30	430	900	850	800	150
ZG 20 TRL	20	16	1500	400/230	45	430	900	850	800	205
ZG 25 TRL	25	20	1500	400/230	50	430	950	950	900	230
ZG 30 TRL	30	24	1500	400/230	60	430	950	950	900	240
ZG 42 TRL*	42	34	1500	400/230	80	400	950	1020	1020	320
ZG 50 TRL*	50	40	1500	400/230	100	430	950	1020	1020	410
ZG 60 TRL*	60	48	1500	400/230	120	400	950	1020	1020	430
ZG 75 TRL*	75	60	1500	400/230	140	400	950	1020	1020	450
ZG 85 TRL*	85	68	1500	400/230	150	400	950	1020	1020	460

\* serial configuration with electronic regulator. Designed to automatically maintain a constant voltage level for sensitive appliance, e.g. computers, circuit boards on demand for all other models available / on demand in combination with an over- and undervoltage relay

changes reserved at any time



# manure forks



Manure forks Series HM/H/HI  
With one horizontal cylinder for manure, gras, silage, hay, straw, brushwood, etc.

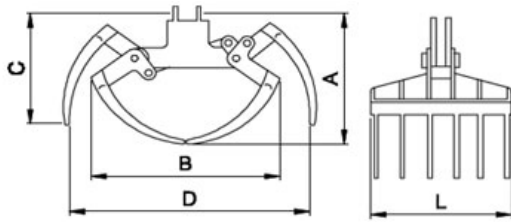
- HM for mini excavator
  - H standard version
  - HI industrial version also for branches, waste, scrap
- Optional: with vertical cylinder  
• V with vertical cylinder



forks in different sizes with horizontal cylinder / further models on demand



industrial version DG HI



dimensional drawing

Typ	Zähne	Gewicht	Druck	Abmessungen in mm.				
Type	teeth	weight	pressure	dimensions in mm.				
	No.	KG	MAX. BAR	A	B	C	D	L
DG HM8	8	65	200	600	800	550	1000	400
DG HM10	10	63	200	600	800	550	1000	550
DG HM12	12	80	200	600	800	550	1000	630
DG H8	8	125	200	780	980	580	1300	500
DG H10	10	145	200	780	980	580	1300	650
DG H12	12	165	200	780	980	580	1300	800
DG H14	14	185	200	780	980	580	1300	950
DG H16	16	205	200	780	980	580	1300	1100
DG HI16	16	400	200	950	1050	750	1750	1200
DG HI20	20	550	250	950	1150	750	1800	1400

# TopStar exchanging system

Fork and clamshell bucket combined in one attachment.  
Easy and quick exchange of peelings without any difficulties a low-priced solution from DORN-TEC:

- One main frame with semivertical cylinder
- two grabs: clamshell buckets for loose sand, earth, etc. / fork for manure, grass, hay, straw, etc.



TopStar fork equipment



TopStar clamshell equipment



exchanging system - fork or clamshell

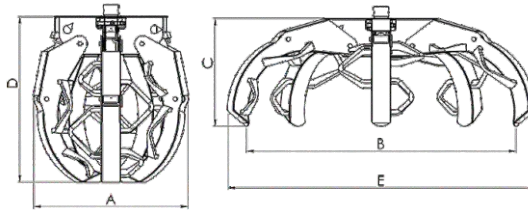
Typ	Zähne	Gewicht	Druck	Abmessungen in mm.					
Type	teeth	weight	pressure	dimensions in mm.					
	No.	KG	MAX. BAR	A	B	C	D	L-Dung	L-Schale
TopStar S	4+4	105	200	920	920	850	800	700	600
TopStar M	5+5	120	200	920	920	850	800	930	600
TopStar L	5+5	200	200	1250	1020	950	1300	915	720

changes reserved at any time

# wood polyp PL - for firewood



The firewood grapples PL are suitable for the loading of chimney wood, short wood, waste and firewood. The grippers are with 5 arms and 5 cylinders equipped and can be attached on forestry cranes, excavators and other machines.



dimensional drawing



strong design with 5 cylinder



polyp grab for effective firewood handling

Typ	Inhalt	Gewicht	Druck	Arme	Abmessungen in mm.				
Type	capacity	weight	pressure	teeth	dimensions in mm.				
	LT	KG	max. bar	No.	A	B	C	D	E
PLS	200	140	200	5	780	1420	560	870	1570
PLL	300	260	200	5	980	1750	690	1100	1950
PLXL	400	330	250	5	1150	2200	745	1260	2400

# orange peel grabs MG - for waste material handling

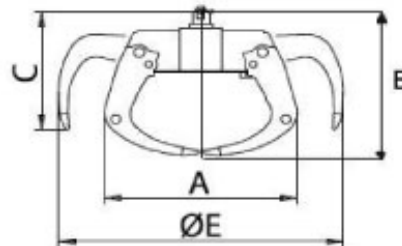


Orange peel grapples MG from DORN-TEC with hydraulic operation for loading metal, waste, scrap, bulk solids etc.

For truck cranes with 4/5/6 cylinders/arms. Bigger versions available on demand.

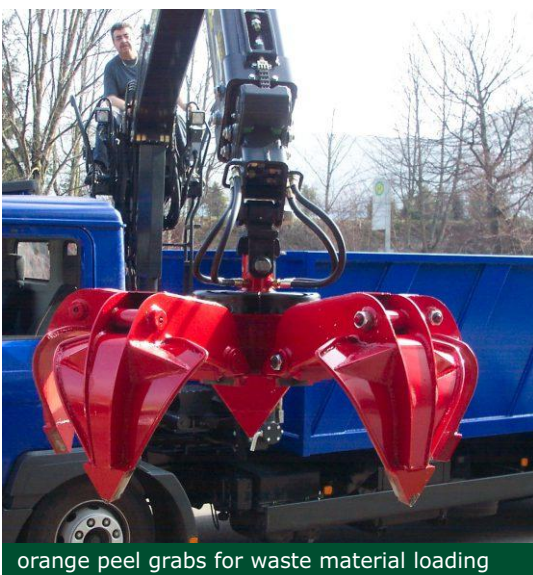


polyp grabs for effective material handling



dimensional drawing

- \*Versione disponibile
- \*Version disponible avec
- \*Model available with
- \*Ausführung verfügbar mit



orange peel grabs for waste material loading

Typ	Inhalt	Gewicht	Druck	Arme	Abmessungen in mm.				
Type	capacity	weight	pressure	teeth	dimensions in mm.				
	LT	KG	BAR	No.	A	B	C	E	
MG/3-60	60	70	200	3	750	525	390	1015	
MG/4-80	80	85	200	4	780	510	390	1050	
MG/4-95	100	105	250	4	730	650	480	1230	
MG/5-95	100	118	250	5	730	650	480	1230	
MG/4-12	120	160	250	4	820	650	450	1300	
MG/4-18	180	170	250	4	890	700	510	1350	
MG/4-25	250	250	250	4	1020	770	600	1480	
MG/4-28	280	290	250	4	1020	900	650	1640	
MG/4-35	350	360	250	4	1200	960	780	1840	
MG/4-50	500	385	250	4	1300	1070	830	2070	
MG/5-12	120	170	250	5	820	650	450	1300	
MG/5-18	180	190	250	5	890	700	510	1350	
MG/5-25	250	270	250	5	1020	770	600	1480	
MG/5-35	350	410	250	5	1200	960	780	1840	
MG/5-50	500	440	250	5	1300	1070	830	2070	
MG/6-28	280	370	250	6	1110	790	670	1610	
MG/6-40	400	390	250	6	1130	920	720	1820	

changes reserved at any time

# clamshell bucket with vertical cylinder



**Clamshell bucket (ZG) Series V with vertical cylinder.**  
Light clamshell for loading and excavating with one vertical cylinder.

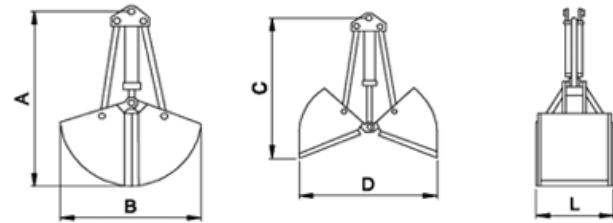


Mini version ZG VM



hydraulic bucket ZG V400 small peelings with big volume

diff. peeling width - for diff. application



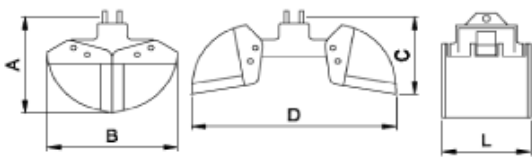
dimensional drawing

Typ	Inhalt	Gewicht	Druck	Abmessungen in mm.				
Type	Capacity	weight	pressure	dimensions in mm.				
	LT	KG	MAX. BAR	A	B	C	D	L
ZG VM30	30	61	200	770	600	700	700	300
ZG VM40	40	63	200	770	600	700	700	400
ZG VM50	50	65	200	770	600	700	700	500
ZG V30	100	135	200	1100	850	950	1050	330
ZG V40	125	145	200	1100	850	950	1050	430
ZG V60	175	165	200	1100	850	950	1050	630
ZG V80	225	185	200	1100	850	950	1050	830
ZG V100	275	205	200	1100	850	950	1050	1030
ZG V400	155	185	200	1280	1030	1070	1250	430
ZG V600	220	210	200	1280	1030	1070	1250	630
ZG V800	310	235	200	1280	1030	1070	1250	830
ZG V1000	400	260	200	1280	1030	1070	1250	1030
ZG V1200	500	285	200	1280	1030	1070	1250	1230

# clamshell bucket with horizontal cylinder



**Clamshell bucket (ZG) Series O with horizontal cylinder.**  
Clamshell with horizontal cylinder for handling different material.



dimensional drawing



light version ZG OM



compact clamshell with strong bearing



bucket in strong design with low construction height



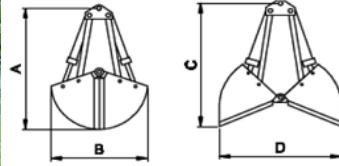
Typ	Inhalt	Gewicht	Druck	Abmessungen in mm.				
Type	Capacity	weight	pressure	dimensions in mm.				
	LT	KG	MAX. BAR	A	B	C	D	L
ZG OM30	53	74	200	585	730	510	1060	330
ZG OM40	70	80	200	585	730	510	1060	430
ZG OM50	87	86	200	585	730	510	1060	530
ZG O30	100	130	200	670	830	530	1200	330
ZG O40	125	140	200	670	830	530	1200	430
ZG O50	150	150	200	670	830	530	1200	530
ZG O60	175	160	200	670	830	530	1200	630
ZG O70	200	190	200	670	830	530	1200	730
ZG O80	225	200	200	670	830	530	1200	830
ZG O600	250	215	200	900	1030	700	1450	630
ZG O800	310	240	200	900	1030	700	1450	830
ZG O1000	410	265	200	900	1030	700	1450	1030

changes reserved at any time

# clamshell bucket with double cylinder

# excavating grab

**Clamshell bucket (ZG) Series T with double cylinder.**  
Clamshell for digging and loading. Excavating bucket with two semivertical cylinders for digging in hard soil. Special model with ejector available on demand.



dimensional drawing



strong clamshell bucket for digging operations



hydraulic bucket with double cylinder for excavating

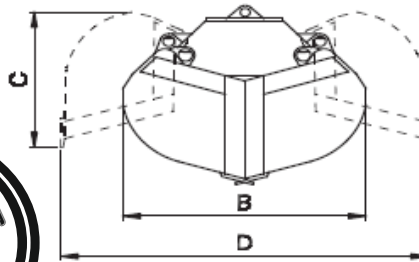
Typ	Inhalt	Gewicht	Druck	Abmessungen in mm.				
Type	Capacity	weight	pressure	dimensions in mm.				
	LT	KG	MAX. BAR	A	B	C	D	L
ZG TM25	20	60	200	780	525	650	550	260
ZG TM30	25	65	200	780	525	650	550	340
ZG TM40	30	70	200	780	525	650	550	440
ZG T30	100	150	200	1100	850	950	1080	330
ZG T40	125	160	200	1100	850	950	1080	430
ZG T50	150	170	200	1100	850	950	1080	530
ZG T60	175	180	200	1100	850	950	1080	630
ZG T80	200	215	200	1100	850	950	1080	830
ZG T100	250	230	200	1100	850	950	1080	1030
ZG T400	160	260	200	1300	1030	950	1300	430
ZG T600	300	360	200	1300	1280	950	1300	630
ZG T800	400	390	200	1300	1280	950	1300	830
ZG T1000	500	425	200	1300	1280	950	1300	1030
ZG T1200	600	460	200	1300	1280	950	1300	1230

bigger buckets on demand!

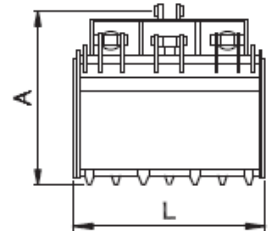
# clamshell bucket heavy duty for higher volume

**Clamshell bucket (ZG) Series OL / OP**

- with one horizontal cylinder OL
  - with two horizontal cylinders OP
- Loading grab for heavy application. Bigger models on demand available.



dimensional drawing



big volume clamshell bucket



heavy duty hydraulic bucket with big volume

Typ	Inhalt	Gewicht	Druck	Abmessungen in mm.				
Type	Capacity	weight	pressure	dimensions in mm.				
	LT	KG	MAX. BAR	A	B	C	D	L
ZG OL1	300	315	200	910	1250	720	1750	640
ZG OL2	400	345	200	910	1250	720	1750	840
ZG OL3	500	375	200	910	1250	720	1750	1040
ZG OL4	600	400	200	910	1250	720	1750	1240
ZG OP1	400	500	200	930	1250	720	1750	840
ZG OP2	500	540	200	930	1250	720	1750	1040
ZG OP3	600	600	200	930	1250	720	1750	1240
ZG OP4	700	670	200	930	1250	720	1750	1440
ZG OP/M1	560	580	200	1130	1300	800	2100	840
ZG OP/M2	700	630	200	1130	1300	800	2100	1040
ZG OP/M3	840	680	200	1130	1300	800	2100	1240
ZG OP/M4	980	730	200	1130	1300	800	2100	1440

bigger buckets on demand!

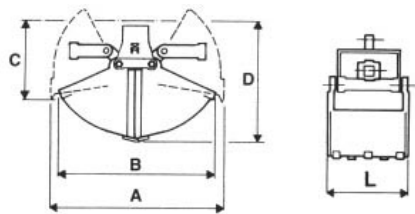
# clamshell bucket for mini-excavator

**Clamshell bucket (ZG) - series OSM / OSL - small version for mini-excavators.** The top product of DORN-TEC 1000 times proven in the construction-, demolition-, gardening- and landscape industry. Grab with one horizontal cylinder with redirection for excavating and material handling. Special grippers with light weight, low profile and high performance. Optional: **rubber PAD's**



clamshell with small dimensions and

big performance - universal usage



dimensional drawing



flexible usage, low weight and low construction height for mini-excavators

Typ	Inhalt	Gewicht	Druck	Abmessungen in mm.				
Type	Capacity	weight	pressure	dimensions in mm.				
	LT	KG	MAX. BAR	A	B	C	D	L
ZG OSM250	35	65	200	800	650	460	620	260
ZG OSM300	40	70	200	800	650	460	620	310
ZG OSM400	55	75	200	800	650	460	620	410
ZG OSM500	65	85	200	800	650	460	620	510
ZG OSM600	70	90	200	800	650	460	620	610
ZG OSL30	80	155	200	1050	1020	480	730	330
ZG OSL40	110	170	200	1050	1020	480	730	430
ZG OSL50	140	185	200	1050	1020	480	730	530
ZG OSL60	170	200	200	1050	1020	480	730	630

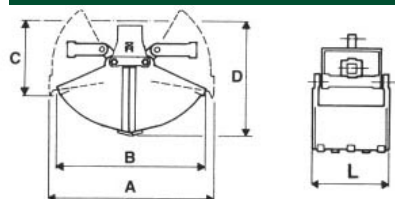
# clamshell bucket for loading and

excavating

**Clamshell bucket (ZG) Series OS -** in with one strong horizontal cylinder for excavating and loading different materials. For strong truck cranes and compact excavators.



big horizontal cylinder with strong bearing



dimensional drawing



strong construction for heavy usage



optional equipment screwable teeth

Typ	Inhalt	Gewicht	Druck	Abmessungen in mm.				
Type	Capacity	weight	pressure	dimensions in mm.				
	LT	KG	MAX. BAR	A	B	C	D	L
ZG OS40	200	300	200	1470	1340	637	972	430
ZG OS50	250	320	200	1470	1340	637	972	530
ZG OS60	300	340	200	1470	1340	637	972	630
ZG OS70	350	360	200	1470	1340	637	972	730
ZG OS80	400	390	200	1470	1340	637	972	830
ZG OS90	450	405	200	1470	1340	637	972	930

changes reserved at any time

# multi-purpose grab - small versions



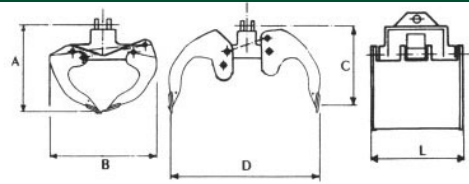
**Multi-purpose clamshell bucket (ZG) - Series OA - with horizontal cylinder.** Small versions with screwed side plates. Multi-purpose clamshell bucket with one horizontal cylinder for maintenance of open spaces for handling different materials.



screwed side plates offer various different applications



multi-purpose grab with open sides and screwable teeth



dimensional drawing

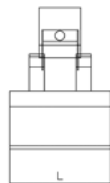
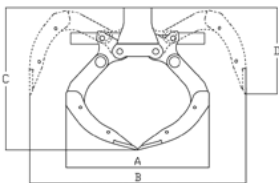


Typ Type	Inhalt Capacity LT	Gewicht weight KG	Druck pressure MAX. BAR	Abmessungen in mm. dimensions in mm.				
				A	B	C	D	L
ZG OAM30	55	70	200	585	730	510	1060	330
ZG OAM40	70	75	200	585	730	510	1060	430
ZG OAM50	90	80	200	585	730	510	1060	530
ZG OA30	100	110	200	670	830	530	1200	330
ZG OA40	125	120	200	670	830	530	1200	430
ZG OA50	150	130	200	670	830	530	1200	530
ZG OA60	175	140	200	670	830	530	1200	630
ZG OA70	200	170	200	670	830	530	1200	730
ZG OA80	225	180	200	670	830	530	1200	830
ZG OA600	250	200	200	900	1030	700	1350	630
ZG OA800	310	210	200	900	1030	700	1350	830
ZG OA1000	410	235	200	900	1030	700	1350	1030

# multi-purpose grab - large versions



**Clamshell bucket (ZG) - Series OB - with big horizontal cylinder.** The multi functional grab for your loading crane. Large version with screwed side plates. Multi-purpose clamshell bucket with one strong horizontal cylinder for handling various materials on truck cranes and excavators. **The multifunction device for Your loading crane!**



dimensions



effective stone handling with open sides



Loose material handling - with closed sides



Typ Type	Inhalt Capacity LT	Gewicht weight KG	Druck pressure MAX. BAR	Abmessungen in mm. dimensions in mm.				
				A	B	C	D	L
ZG OB60	300	400	200	1130	1600	1090	750	620
ZG OB80	400	430	200	1130	1600	1090	750	820
ZG OB100	500	470	200	1130	1600	1090	750	1020

changes reserved at any time

# universal demolition and sorting grab



Universal stone grab with horizontal cylinder for all kinds of material handling.  
 Ideal working tool for sorting and handling various materials such as stones, wood, bushes and shrubbery. Very popular attachment in the gardening and landscaping field for setting stones and backfill with bulk material such as soil, sand, gravel, crushed stone, etc. in one step. Equipt with teeth it also allows excavation and other diverse applications. By mounting the grab in rigid attachment the gripper works as an

mechanical extension of the excavator. With an high-quality industrial rotator it allows high precision and speed working. The grabs are made of highly tempered quality steels as Domex / Weldox / Hardox steel. By default, 4 hydraulic lines are required.  
 With an additional valve, the gripper can also operate with only 2 connection lines. For demolition and sorting works, there is the version with perforated shells.  
 Larger grapples and **rubber PAD's** can be offered on demand.



Stone grab SG 300



Stone grab SG 400



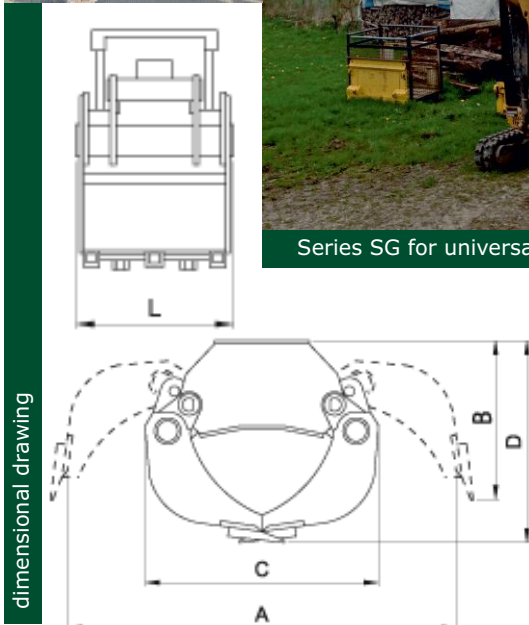
Stone grab SG 500



Series SG for universal usage



Stone grab with quick-coupler connection and closed peelings



dimensional drawing

Typ Type	Bagger excavator	Gewicht weight	Druck pressure	Abmessungen in mm. dimensions in mm.				
				A	B	C	D	L
SG 250	1 - 2	65	200	800	460	650	620	265
SG 300	1 - 4	75	200	875	550	560	570	330
SG 400	2 - 6	165	200	1100	550	650	650	440
SG 500	5 - 9	215	200	1350	800	730	680	540
SG 600	6 - 10	285	200	1500	700	960	800	640
SG 750	6 - 10	330	200	1500	700	960	800	740
SG 500S	5 - 9	300	200	1350	710	900	750	500
SG 600S	8 - 12	400	200	1600	830	1060	880	600
SG 650S	10 - 18	600	200	1800	950	1200	1000	650

changes reserved at any time

# felling grab with chain saw



We offer a comprehensive range of felling grabs with auto-matic chain saw. All grapple saws of DORN-TEC can be quickly and easily installed on different machines - truck cranes, telescopic loaders, forwarders, excavators, forestry trailers, etc. They allow a safe way to remove trees in difficulty places. These grapple saws are suitable for felling and removing of trees and branches, in parks, gardens and near power lines. All grapples can be used as a timber grab for loading works. The heads allow to cut and loaded in one single operation. The wood must not be cut

manually before. Delivery will be made as a complete mounting kit with hydraulic control valves and electrical system. It has no need for any extra hydraulics and it requires a low oil torrent. That makes it very easy to install. With the integrated tilt function also standing timber can be harvested.

Problem felling and thinning can be achieved safely and effectively with our grapple saws!



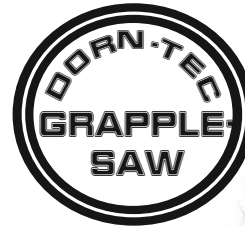
high performance timber grapple with chain saw and tiltfunction



professional control for max. flexibility and performance



grapple saw with harvester sword for professional felling



felling head in use on a telescopic loader

Typ	Schnitt	Schnittmesser	Tilt	Greifer	Ölmenge	Druck	Gewicht
Type	cutting	cutting unit	tilt	grapple	oil flow	pressure	weight
	∅			mm	l/min.	max. bar	kg
EG350	400	Kettensäge	inkl.	900	40 - 80	200	190
EG450	450	Kettensäge	inkl.	1200	40 - 80	200	260
EG550	550	Kettensäge	inkl.	1550	50 - 100	200	335
EG450X	250/450	Messer+Säge	inkl.	900/1200	60 - 100	200	350
SH400S	400	Säge+Entaster	inkl.	430	45 - 80	180	300



Grapple saw in use

changes reserved at any time



# energy wood grapple / cutting grab



## Energy wood grapple EG

The energy wood grapples are multipurpose devices for felling and loading of wood. They are used for maintenance work in the bushes and energy-wood harvesting. You can do felling and loading work with one device. Cutting will be made with a fixed or hydraulic knife. With the integrated tilt function it is possible to change between felling and loading works.

## Cut Tree shear CT

We offer a comprehensive range of cutting grippers for excavator mounting. The cutting grabs are mounted with the direct connection or with an appropriate quick-change adapter to the excavators. The cut tree grabs are equipped with a gripper and a cutting unit. The cutted branches, timber or tree trunks are lifted and transported directly with the excavator. The control for the gripper is included in the machine, so you need only one double-acting outlet. Due to two big hydraulic cylinders the cut tree units have a lot of cutting power.



energy wood grapple with hydr./fixed knife / with tilt function or rigid attachment



cutting grabs CT for excavators

Typ	Schnitt	Messer	Anbau / attach	Bagger	Ölmenge	Druck	Gewicht
Type	cutting	knife	fix	tilt	excavator	pressure	weight
	Ø					max. bar	kg
						l/min.	
EG200C	200	fest	X	X	3 - 9to.	30 - 60	225
EG250C	250	fest	X	X	5 - 11to.	40 - 70	250
EG150B	150	hydr.	X	X	2 - 5to.	30 - 60	160
EG200B	200	hydr.	X	X	3 - 9to.	35 - 60	200
EG250B	250	hydr.	X	X	5 - 10to.	40 - 80	250
EG300B	300	hydr.	X	X	7 - 15to.	50 - 100	280
CT350	350	hydr.	X	---	8 - 12to.	40 - 80	650
CT400	400	hydr.	X	---	12 - 16to.	80 - 120	1000
CT450	450	hydr.	X	---	16 - 25to.	100 - 140	1350

# harvester heads



## Stroke harvester SH

The stroke harvester is a machine, which fells, delimits and cuts trees to length. The stroke harvester can be easily installed on every standard loader. The stroke harvester has a lot of delimiting power. The harvester has an automatic stroke and the tree can be delimited with a one-button function. That makes the production highly efficient.

**Roll harvester RH.** for quick delimiting.



stroke harvester mounted on an excavator



stroke harvester for delimiting and cutting trees



roll harvester

Typ	Schnitt	Entaster	Entaster	Schub	Tilt	Greifer	Ölmenge	Druck
Type	cutting	delimb.	delimbin	stroke	tilt	grapple	oil flow	pressure
	mm		mm / kN	mm		mm	l/min.	max. bar
SH 400S	400	Schub	Ø360 / 22	660	inkl.	430	45 - 80	180
SH 550S	550	Schub	Ø450 / 35	660	inkl.	550	80 - 120	180
RH 275R	280	Rolle	Ø240 / 8	3 m/s	inkl.	---	120	200
RH 375R	360	Rolle	Ø320 / 12	4 m/s	inkl.	---	150	200

changes reserved at any time

# earth drills

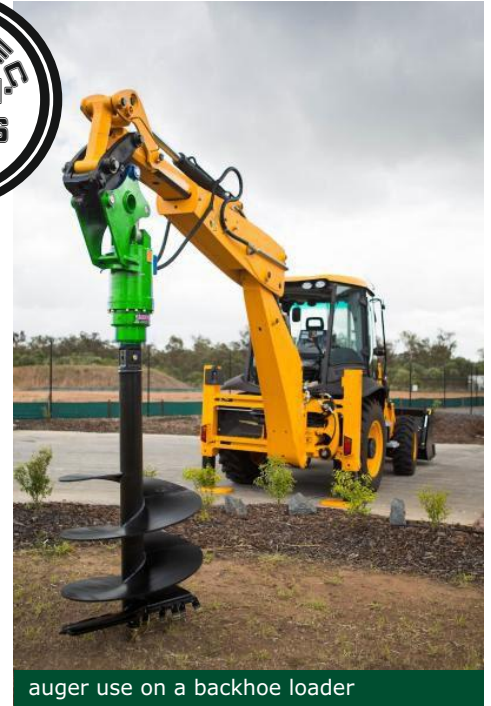


Our offer includes auger in a simple and professional version. The auger can easily and quickly be adapted to different carrier machines, such as cranes, excavators, farm loaders, wheel loaders, telescopic loaders etc. There are a variety of applications in the gardening-, landscaping-, forestry-, municipal- and construction industry. The earth drills are used for planting holes, point foundations, fence building, pole holes etc .. The selection of the particular drill is done individually - depending on the application, duration and carrier machine.

- auger types 100, 150, 200, 250, 300, 350, 400, 500 mm ...
- carriers from 1,0 to 45,0to. excavator
- versions with direct or quick-change attachment
- use for simple drilling or professional earthmoving
- optional: pile auger, alignment monitor, etc.



high performance gearbox drives - here in use on an excavator



auger use on a backhoe loader



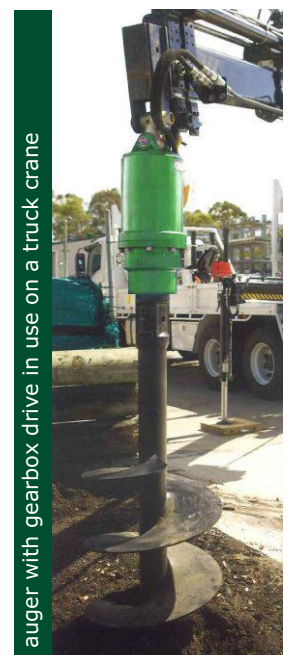
adaptation made by DORN-TEC - augers in use on a front or wheel loader



auger pilots



mini-excavator usage



auger with gearbox drive in use on a truck crane

Typ	Bagger	Drehmoment	Druck	Ölmenge	Schaftwelle	Gewicht	Schnecke	Schnecke
Type	excavator	max. torque	pressure	oil flow	Hub	weight	drill	drill
	Ton.	Nm	max. bar	l/min.	STD	KG	ø mm	Kat.
KS1	0,8 - 2,5	1.500	205	15 - 45	2" HEX	46	100-400	S
KS2	1,5 - 4,0	2.500	240	27 - 65	2" HEX	55	100-500	S
KS3	2,5 - 6,0	3.500	240	40 - 85	2" HEX	70	100-750	S
KS4	3,0 - 6,0	4.500	240	50 - 95	2" HEX	75	100-900	S
KS5	4,5 - 8,0	5.000	240	50 - 95	75er 4-Kant	108	150-600	M
KS7	5,0 - 10,0	7.000	260	70 - 115	75er 4-Kant	110	150-800	M
KS8	6,0 - 11,0	8.300	240	70 - 150	75er 4-Kant	115	150-900	M
KS12	10,0 - 17,0	12.000	240	80 - 170	75er 4-Kant	165	150-1000	L
KS20	13,0 - 20,0	20.000	240	140 - 230	75er 4-Kant	185	150-1200	L

changes reserved at any time

Bigger earth drills on demand!



stump removal drills

# professional augers



Our extensive product range has been developed, manufactured and offered for a variety of conditions, we offer quality, versatility, competitive pricing and in-house service. Our world-class transmissions guarantee the highest levels of performance, quality and economy. The drives are ideal for drilling and drilling applications in almost all soil conditions. All our augers have a extremely solid design and are manufactured in different diameters. For efficient drilling, the key is an effective drill head. Our worm wear parts are specially designed to optimize your drill performance. Depending on the soil conditions, you can choose between different heads, cutters and drill bits. With corresponding extension tubes - deeper holes can be performed. High efficiency and long life are the core pieces of our earth drilling technology.

**Ask us - we have the right drill for you!**



classic excavator application with quick-change adapter



auger with adapter for a wheel loader made by DORN-TEC



auger with fork shoe adapter / solid auger worms



Powerful gearboxes - ensure low wear and high efficiency



effective drill head



changes reserved at any time

# hedge and branch cutters

Hedge and branch cutters for excavators of 1.5 to 14.0to. For excavators, backhoe loaders and mounted excavators, as well with a suitable mounting frame for front, wheel or telescopic loaders. Construction in different widths and with three cutting diameters: 3, 5 and 10cm. Multifunctional use in tree and landscape care. Completely made of high-quality steel, it is robust, powerful and precise, when cutting branches.



branch cutter for excavator attachment



hedge cutter for wheel loader



hydraulic hedge cutter in excavator attachment



bushes and landscape care

für Bagger von	excavator		1,5 - 6,0				2,5 - 12,0		4,0 - 14,0	
Typ	Type	BT	L3-120	L3-150	L3-180	L3-200	5-150	5-180	10-160	10-190
Max. Holzstärke	max. cut	cm	3	3	3	3	5	5	10	10
Arbeitsbreite	w orking	mm	1200	1500	1800	2000	1500	1800	1600	1900
Tiefe	depth	mm	500	500	500	500	1070	1070	1210	1210
Gewicht	w eight	kg	45	50	55	60	190	205	270	285
Erf. Ölfluss	oil flow	l/min.	15-25	20-30	20-30	20-40	40-60	40-60	50-80	50-80
Max. Arbeitsdruck	pressure	bar	120	120	120	120	250	250	250	250

# mulcher for excavators

Mulcher for excavators and backhoe loaders from 1.5 to 15,0to. High performance mulcher with mechanical side shift for road and landscape care. Standard with reinforced frame, protected bearings and pressure relief valve. There is no leakage line required. Furthermore, the mulcher has a support role and has the ability to incorporate hammer or Y-knife for different plant strengths.



hydraulic mulcher with mechanical side shift



mulcher for bushes and landscape care



changes reserved at any time

für Bagger von	excavator		1,5 - 3,5		3,5 - 6,5			6,5 - 10,0		10,0 - 15,0		
Typ	Type		1-60	1-80	2-80	2-100	2-120	3-110	3-130	4-110	4-130	4-150
Arbeitsbreite	w orking	mm	600	800	800	1000	1200	1100	1300	1100	1300	1500
Gesamtbreite	w idth	mm	800	1000	980	1180	1380	1280	1480	1300	1600	1800
Tiefe	depth	mm	640	640	810	810	810	830	830	855	855	855
Höhe	height	mm	461	461	530	530	530	575	575	620	620	620
Gewicht (ohne)	w eight	kg	100	115	245	270	300	375	412	455	505	540
Keilriemen	belts		Direkt	Direkt	2	2	2	2	2	3	3	3
Erf. Ölfluss	oil flow	l/min.	20-90	20-90	27-90	27-90	27-90	55-150	55-150	65-150	65-150	65-150
Max. Arbeitsdruck	pressure	bar	250	250	250	250	250	280	280	280	280	280
Max. Holzstärke	max. cut	cm	2-3	2-3	4-6	4-6	4-6	6-8	6-8	8-10	8-10	8-10

# excavator attachments



digging bucket



tilt ditch cleaning bucket



trapezoidal bucket



single- / multi ripper



skeleton bucket



pile driver



branch cutter



bucket with hydr. downholder



screening bucket



concrete mixing bucket



stump grinder



forestry mulcher



wood splitter



grip bucket



root stump cutter



stump drill



sweeping brush

changes reserved at any time

# attachments

Detailed brochures of the DORN-TEC devices are available on request at any time.



tree shears with rotation



buckets for wheel-, front- and telescopic loaders



universal multi-finger grab



tube and round material gripper



pallet fork for cranes



screening bucket



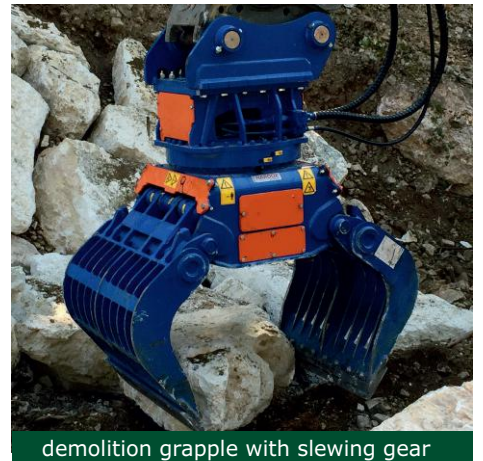
demolition chisel



hydraulic mulchers



winches with hydraulic drive



demolition grapple with slewing gear



demolition- and sorting grabs with with quick coupling adapters

changes reserved at any time

# How you find the right way to us



Our premises accommodates space for a machinery hall, spare parts warehouse, workshop and administration. The DORN-TEC cooperation takes regularly part on international tradeshows and fairs, e.g. ForstLive, GalaBau, KWF show, Agritechnica, Interforst, Bauma, etc. **Just visit us ...**  
**... or let us know your inquiry!**

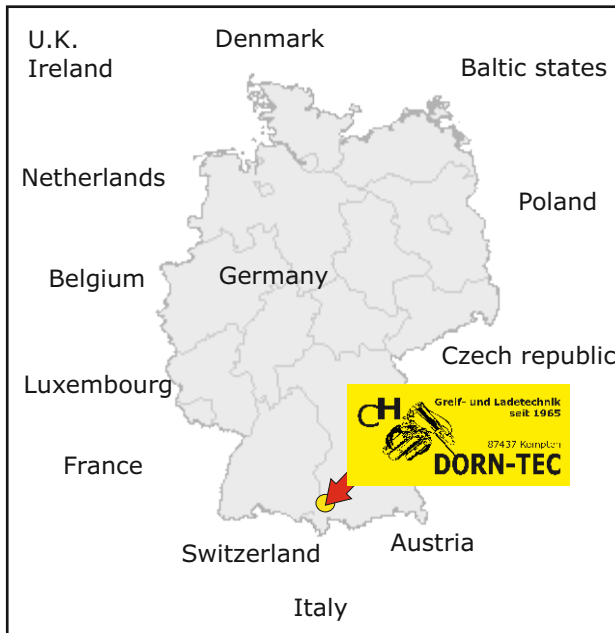
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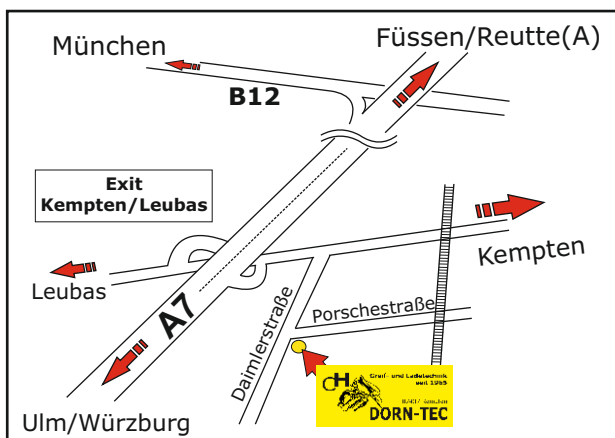
modernized factory building of DORN-TEC



independent premises and own vehicle fleet



trade fair booth indoor



trade fair booth outdoor

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50 years of experience in production & technology



grab- and loading  
technology  
since 1965

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