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LINGENER BAUMASCHINEN

Technical Details – Selfpropelled



LIBA
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GmbH & Co KG
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	GM 1 4x4	GM 2 4x4	GM 3 4x4	GM 4 4x4	GM 4 Raupe	GM 6 ASR	GM 1800 P
Width: **Depths:**	70 – 300 mm 300 – 1.200 mm	70 – 300 mm 300 – 1.200 mm	70 – 300 mm 300 – 1.200 mm	70 – 400 mm 300 – 1.500 mm	70 – 400 mm 300 – 1.500 mm	120 – 600 mm 300 – 1.700 mm	**Plough Depths:** to 1.800 mm
Engine:	Lombardini Diesel 3 Cyl. LDW1503 water-cooled 23 KW 31,5 HP	Mitsubishi Diesel 4 Cyl. 1,7 L, 28,3 KW 40 HP	Mitsubishi Diesel 4 Cyl. 2,5 L, 34,6 KW 47,1 HP	Kubota V-3600-TE3B, water-cooled 63 KW 85,7 HP	Kubota V-3600-TE3B, water-cooled 63 KW 85,7 HP	6-Cylinder Turbodiesel water-cooled 168 KW 228 HP	Deutz TCD 2015 6-Gylinder Turbodiesel water-cooled 294,2 KW 400 HP
Travel drive:	4 Radial piston engine Infiniterly adjustable			4x Radial-Piston-Engine 750+375cm³, infinitely adjustable (2x w. frain) possibility differential	2x Radial-Piston-Engine Infinitely adjustable with frain	2x Radial-Piston-Engine infinitely adjustable with frain	2x Tandemregulations -pump Linde á 210cm³
Working-/ Transportspeed:	0 – 12 km/h	0 - 30 km/h	0 – 30 km/h	0 – 12 km/h	0 – 6 km/h	0 –8 km/h	Variabel 0 –5750 m/h
Cutting chain drive:	mec.,putting into gear hydraulically	by power shaft	mech. by power shaft	mech/hydr by power shaft	mech/hydr by power shaft	Hydr. forwards and backwards	
Steering:	hydr. with steering wheel	hyd. with steering wheel 13L/120Bar	hydr. with steering wheel 13L/120Bar	hydr. with steering poti	hydr. with steering lever	hydr. with steering lever	hydr. with steering wheel
Electrical-System:	Charg.alternator 14V/33A Electr. Starter 1,5KW/12V	Charging alternator 12V Electr.Starter 1,5KW/12V	Charging alternator 12V Electr.Starter 1,5KW/12V	Charging alternator 12V Electr. Starter 1,5KW/12V	Charging alternator 12V Electr. Starter 1,5KW/12V	Charging alternator 12V Electr. Starter 1,5KW/12V	Charging alternator 12V Electr. Starter 1,5KW/12V
Hydraulic-System:	- Tandemregulationpump debit 14cm³ - Cutter boom about Hydr-Cylinder Piston-wheel-pump 19 and 4 cm³	- Piston wheel pump 30 L/170Bar two controlvalves	- Piston wheel pump 30 L/170Bar	- Tandemregulationpump Rexroth 18/18 - Displace (Control of all functions electrically)	- Tandemregulationpump Rexroth 18/18 - Displace (Control of all functions electrically)	- Tandemregulationpump Sauer - Displace (electrical switch by valve proportional)	Displace (electrical switch by valve proportional)
Tyres equipment - Crawlergear:	26x12.00-12 Terra	Variable	Variable	31x15.5-12 Terra/Farmer	Steelchain with 300mm gumm. paving tiles	Steelchain with 500mm 3 cage paving tiles	B60 oil lubricated steel chain with 800mm 3 +1 cage paving ziles
Standard equipment:	Standardconveyor hyd. Verticalregul. hydr.10° Fourwheeldrive (infinitely)	Standardconveyor hyd. Bottom Cleaner Edge Cleaner cpl. Fourwheeldrive (infinitely)	Standardconveyor hyd. Bottom Cleaner Edge Cleaner cpl. Fourwheeldrive (infinitely)	Standardconveyor hyd. Bottom Cleaner Edge Cleaner cpl. Fourwheeldrive (infinitely) Verticalregul. hydr.15°	Standardconveyor hyd. Bottom Cleaner Edge Cleaner cpl. Verticalregul. hydr.15°	Standardconveyor hydr. Bottom Cleaner Edge Cleaner cpl. Verticalregul. hydr.15°	**Standard equipment:** - chassis standard 2700 mm (Optional=hydr. extendable up to 4000 mm) - hydr. side relocatable ploughshare - hydr. swiveling and extendable cabin - hydrostatic track drive with Joy-Stick control - Cabin with heating, air conditioning and sunroof (Optional=air suspension) - Hasp (drain. pipes) - self-leveling cabin
Optional equipment: Cutter boom depth: Cutter chain widths:	- 600, 850,1100,1200 mm - 70, 120, 150, 200, 250 and 300 mm (44.45 o. 75mm pitch) - Alligator.chaine carbitebits - Edge cleaner a.support - Tyres f. sward lawn - dual Tyres with flanges - Conveyor for charging 3000 mm hydr. - Lasersystem manuel or automatic - Pipe-Laying-Systems for putting directly pipes - Filling judge etc. - Drain-equipment 70mm - Filling judge	- 600, 850,1100,1200 mm - 70, 120, 150, 200, 250 and 300 mm (44.45 o. 75mm pitch) - Alligat.chaine carbitebits - Mixed Chain (Bits and Tools) - Tyres for Lawn, Golf- or Communal - Cabin (heating/aircond.) - Boom shiftable - Lasersystem manuel or automatic - Conveyor for charging - Hasp for drain. pipes - Backfilling blade - Drain-equipment 70mm - Filling judge - Backfilling blade	- 600, 850,1100,1200 mm - 70, 120, 150, 200, 250 and 300 mm (44.45 o. 75mm pitch) - Allig.chaine carbitebits - Mixed Chain (Bits and Tools - Tyres for Lawn, Golf- or Communal - Cabin (heating/aircond.) - Boom shiftable - Lasersystem manuel or automatic - Conveyor charging - Hasp for drain. pipes - Backfilling blade - Drain-equipment 70mm - Filling judge - Backfilling blade	- 600, 850,1250,1500 mm 3000 mm (optional) - 70, 150, 200, 250, 300 350 and 400 mm (75mm pitch) - Allig.chaine carbitebits - Mixed Chain (Bits and Tools) - Edge cleaner a.support - Tyres Farmer - dual Tyres with flanges - Conveyor for charging 3000+4000mm hydr. - Lasersystem manuel or automatic - Drain-equipment 70mm - Filling judge - Hasp for drain. pipes - Backfilling blade	- 600, 850,1250,1500 mm 3000 mm (optional) - 70, 150, 200, 250, 300 350 and 400 mm (75mm pitch) - Allig.chain carbitebits - Mixed Chain (Bits and Tools) - Edge cleaner a.support - Backfilling worm - Conveyor for charging 3000+4000mm hydr. - Lasersystem manuel or automatic - Drain-equipment 70mm - Filling judge - Hasp for drain. pipes - Backfilling blade	- 1500 mm - 120, 150, 200, 250, 300 350, 400,450, 500 and 600 mm(75mm Tlg.) - Allig.chain carbitebits - Mixed Chain (Bits and Tools) - Edge cleaner a.support - Backfilling worm - Conveyor for charging - Lasersystem manuel or automatic - Filling judge - Hasp for drain. pipes - Backfilling blade - Cable reel carrier	**Optional equipment:** Plow depth: - 1800 mm - Lasersystem for depth control - Cable reel seat - GPS control with recording
Dimens.Trencher aprox: Weight Length Width Hight (Weight/ dimensions are Depending on the equipment)	1.960 kg 4.100 mm 1.600 mm 2.400 mm	2.000 kg 6.500 mm 1.300 mm 2.310 mm	2.000 kg 6.500 mm 1.300 mm 2.310 mm	3.290 kg 5.700 mm 1.800 mm 2.300 mm	4.500 kg 5.700 mm 1.800 mm 2.300 mm	16.000 kg 9.100 mm 2.500 mm 3.100 mm	30.000 kg 10.260 mm 2.982 mm 3.446 mm

TRENCHER ATTACHMENT

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Strongly and flexibly. The GM 140 AF is a cultivation trencher for the assembly at tractors with three point admission at the tail. It is ideal for the cable, tubing and drainage pipe installation. In order to be able optionally on obstacles and embankments work, the trench bar can be shifted mechanically or hydraulically up to 600 mm laterally (optionally). The trench cutter can be equipped with different grave trees from 600 to 1,500 mm of depth and trench cutter from 70 to 400 mm. The drive is made by the power-takeoff. The GM 140 AF has in series a hydraulic conveyor, with which the excavation leaves itself on the right of and/or on the left of placings.

Individual equipment on request.

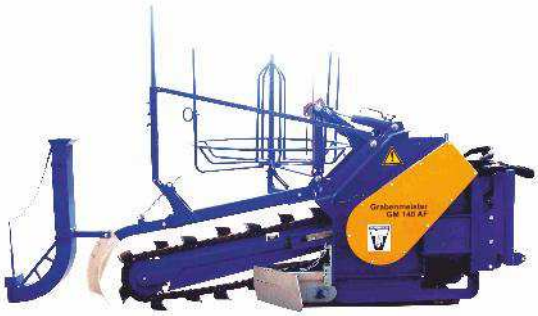




A condition: Tractor with 80-140 HP and supercreeper gears or hydraulic act.

Accessories:

- Shipping conveyor for direct shipping
- 75 mm of trench chain with trench widths of 70 - 400 mm and high breaking load
- Sole circular scrapers with adjustment of the trench depths
- Laser system (manual or automatic)
- Tubing admission and moving pit
- Carbon chisel chains for highest requirement



GM 140 AF

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Technical data:

Weight:
approx. 1.800 kg

Widths:
70 - 400 mm

Depths:
600 - 1.500 mm

Trench chain drive:
mechanically
over power-takeoff

PTO speed:
1.000 rpm

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TRENCHER ATTACHMENT FOR EXCAVATOR

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NEW

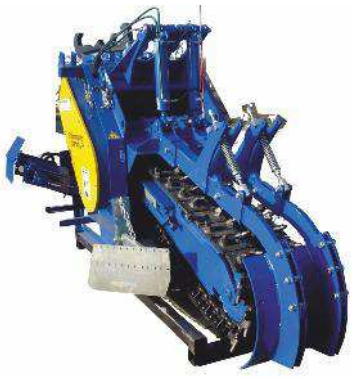
Our new „Grabenmeister GM 140 AFH-600“ is equipped with a hydraulic turntable, enabling the offset for trenching beside the excavator. The use of a offset Trencher is necessary if the Trench goes directly to the trench / or behind obstructions such as guard rails, falling or rising slopes, hedges, walls similary.

A major advantage of the new GM 140 AFH-600 is, that the Trencher is equiped with a conveyor belt that can be placed on both sides (left or right as needed). By the conveyor the discharge of the excavated soil will be excavated from the edge of the Trench and keep free the sides of this. So the excavated soil still on the right side of the Trench to be easily backfilling.





The structure of the GM 140 AFH-600 was designed to be extremely flexible and by etablishing fast-changing systems in the shortest time mounted or dismounted to the excavator. So that the using of the GM 140 AFH-600 is very interesting also for short trenching dimensions.



GM 140 AFH-600

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Technical data:

Weight:
approx. 2.900 kg
depending on equipment

One-bar system
Widths:
120 - 400 mm

Two-bar system
Widths:
500 + 600 mm

Depths:
600 - 1.500 mm

Trench chain drive:
hydraulically

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Technical Details - Trencher Attachment



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	GM 1-A	GM 1-AS	GM 140 AF	GM 160 AF	GM 160 AS	GM 140 H	GM 140 AFH -500	GM 140 AFH - 600	GMV 130 Plough
	Trencher Attachment Three Point	Trencher Attachment Three Point	Trencher Attachment Three Point	Trencher Attachment Three Point	Trencher Attachment Three Point	Trencher – Attachment for Excavator **One Boom = 140 H Two Boom = 140 H**	Trencher – Attachment fo all mobil equipment with hydr. power	Trencher – Attachment fo all mobil equipment with hydr. power	Vibrating plough for Attachment
A condition:	Tractor/Unimog Important the super slowly gear or Hydrostat	Tractor/Unimog Important the super slowly gear or Hydrostat	Tractor/Unimog Important the super slowly gear or Hydrostat	Tractor/Unimog Important the super slowly gear or Hydrostat	Tractor/Unimog Important the super slowly gear or Hydrostat	Excavator from 15to, oil consumption160-250 l/min, 250-350bar	Excuvator from 15to, oil consumption 120-140 l/min, 250-300bar	Excuvator from 15to, oil consumption 140-160 l/min, 250-300bar	Three Point – Tractor or Hydr. Excavator from 20to
Power:	Power shaft (540 rpm/min)	Power shaft (1.000 U/min)	Power shaft (1.000 rpm/min)	Power shaft (1.000 rpm/min) or hydr. Engine (optional)	Power shaft (1.000 rpm/min) or hydr. Engine (optional)	Hydr. about Radial piston engine	Hydr. about Radial piston engine	Hydr. about Radial piston engine	
Standard equipment:	Standard conveyor hyd.	2 augers	Standard conveyor	Standard conveyor	2 augers	1 or 2 augers turntable hydr.	Standard conveyor turntable hydr.	Standard conveyor turntable hydr.	
Optional equipment:									
Cutter boom depth:	- 600, 850 and 1.200 mm	- 600, 850 and 1.200 mm	- 600, 850, 1250 and 1.500mm **(shiftable)**	- 1.250 and 1.600mm **(shiftable)**	- 1.250 and 1.600mm **(shiftable)**	- 600, 850, 1.200 and 1.500mm **(shiftable)**	- 600, 850, 1.200 and 1.500mm **(shiftable)**	- 600, 850, 1.200 and 1.500mm **(shiftable)**	Plough depths: Max. 1.300 mm
Cutter chain width:	- 70, 120, 150, 200, 250 and 300 mm (optional 44.45 or 75mm pitch.)	- 70, 120, 150, 200, 250 and 300 mm (optional 44.45 oder 75mm Tlg.)	- 70, 125, 150, 200, 250, 300, 350 and 400 mm (75 mm pitch)	- 150, 200, 250,300, 350, 400 and 450 mm (100mm pitch)	- 150, 200, 250, 300, 350, 400 and 450 mm (100mm pitch)	Cutter chain width **1 boom**: - 125, 150, 200, 250, 300, 350 and 400 mm Cutter chain width **2 boom**: - 500 a. 600 mm (width = all booms) (75 mm pitch)	- 70, 125, 150, 200, 250, 300, 350 and 400 mm (75 mm pitch)	Cutter chain width **1 boom**: - 125, 150, 200, 250, 300, 350 and 400 mm Cutter chain width **2 boom**: - 500 a. 600 mm (width = all booms) (75 mm pitch)	Pipe diameter: Max. 80 mm Ø
	- Alligat.chain carbitbits - Cutter chain - Bottom cleaner with mechanical, automatic adjustment - Conveyor for charging 3.000 mm hydr. - Laser system manual or automatic - pipe-laying-system for putting directly pipes	- Alligat.chain carbitbits - Cutter chain - Bottom cleaner with mechanical, automatic adjustment - 2 augers - Laser system manual or automatic - pipe-laying-system for putting directly pipes	- Alligat.chain carbitbits - Mixed chain (Bits + Tools) - Bottom cleaner with mechanical, automatic adjustment - Conveyor for charging 3.000 mm hydr. - Laser system manual or automatic - pipe-laying-system for putting directly pipes	- Alligat.chain carbitbits - Mixed chain (Bits + Tools) - Bottom cleaner with mechanical, automatic adjustment - Conveyor for charging 3.000 mm hydr. - Laser system manual or automatic - pipe-laying-system for putting directly pipes	- Alligat.chain carbitbits - Mixed chain (Bits + Tools) - Bottom cleaner with mechanical, automatic adjustment - 2 augers - Laser system manual or automatic - pipe-laying-system for putting directly pipes	- Alligat.chain carbitbits - Mixed chain (Bits + Tools) - Bottom cleaner with mechanical, automatic adjustment - 1 or 2 augers turntable hydr. - Laser system manual or automatic - pipe-laying-system and equipment with cable	- Alligat.chain carbitbits - Mixed chain (Bits + Tools) - Bottom cleaner with mechanical, automatic adjustment - Conveyor for charging 3.000 mm hydr. - Laser system manual or automatic - pipe-laying-system for putting directly pipes	- Alligat.chain carbitbits - Mixed chain (Bits + Tools) - Bottom cleaner with mechanical, automatic adjustment - Conveyor for charging 3.000 mm hydr. - Laser system manual or automatic - pipe-laying-system for putting directly pipes	
Dimens. Trencher aprox: weight length width height (weight/ dimensions are depending on the equipment)	600 kg 3.100 mm 1.500 mm 1.100 mm	600 kg 3.100 mm 1.500 mm 1.100 mm	1.800 kg 3.700 mm 1.750 mm 1.800 mm	2.300 kg 4.400 mm 1.500 mm 2.000 mm	2.300 kg 4.100 mm 1.500 mm 2.000 mm	2.800 kg 3.000 mm 1.500 mm 1.400 mm	1.800 kg 3,400 mm 1.500 mm 2.000 mm	2.900 kg 3,400 mm 1.500 mm 2.000 mm	2.400 kg

ACCESSORIES

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More function for your machine.
Whether tractor, wheeled loader or our **Grabenmeister**: We offer useful and practical accessories to you, in order to equip your machines optionally for each employment.

Filling judge:
In various dimensions. According to standard with hydraulically adjustable axle and adjustable filling height. Optionally with auger, compression wheel and hydraulic opening mechanism. Standard capacity: approx. 2 m³.



Filling judge

Filling snails:
For wheeled loaders with hydraulic drive and tractors with three point admission and PTO drive. By hydraulic cylinders vertically and horizontal controllable, as printing and course snail available.



Filling snails

Earth backfilling blades
In different sizes and remarks, generally from high-quality steel manufactured. When desired individually for your need adapted. Backfilling blades are vertically and horizontal controllable by hydraulic cylinders.



Backfilling blades

Moving accessories:
In order to simplify and save through it time the transfer from drainage, lines and cables to, we offer to you practical accessories, with which you settle also the moving work in a processing step. (Hasp, moving role, moving pit etc.)



Moving Accessories

Further accessories on request.

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ACCESSORIES

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Filling judge:
In various dimensions. According to standard with hydraulically adjustable axle and adjustable filling height. Optionally with auger, compression wheel and hydraulic opening mechanism. Standard capacity: approx. 2 m³.

Filling judge

Further accessories on request.





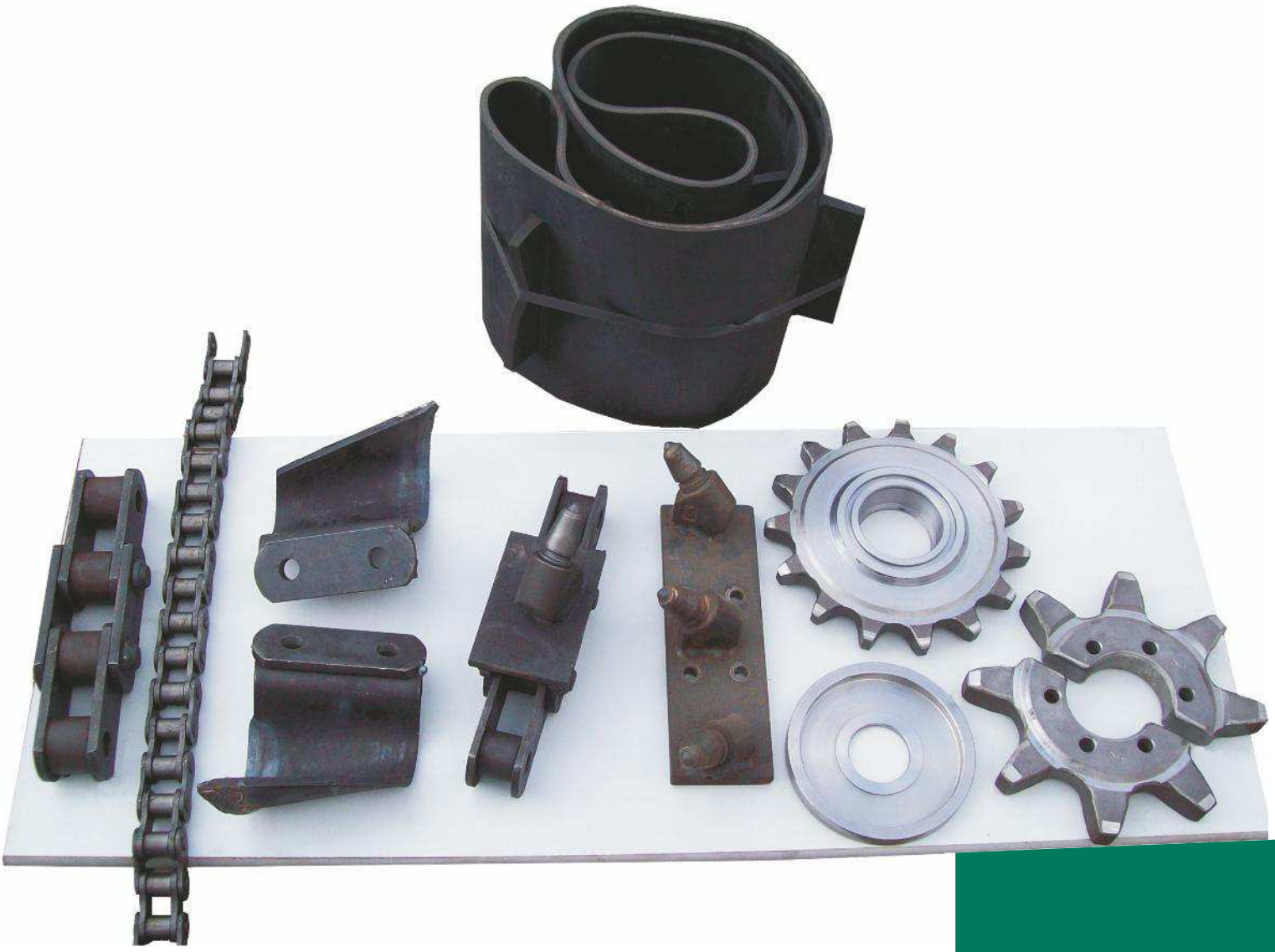




GRABENMEISTER

ACCESSORIES & SPARE PARTS

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Still forever.

Of course we manufacture our machines, devices, spare parts and the accessories with highest precision as well as from high-quality materials. A robust execution with long-lived quality guarantees you.

You and we know nevertheless that the employment devices are subject to high loads and requirements; particularly in the earthwork. Completely without wear and wear it does not go thus.

In order to regard down-times as small as possible as you, we have constantly the most usual spare parts in stock. We give those you fast and reliably, or install you also gladly.

They receive spare parts with us from the drive wheel to the gear wheel, for our ditch masters as well as for many other usual manufacturers, like among other things:

- Chisel
- Chisel holder
- Conveyor
- Buttom cleaner
- Bearing
- Hydraulic components
- Cutter chain (mixed or with blades)
- Standard chisel
- Carbon chain
- Chain sprocket

And if you need an “exotic part”, we will certainly find a solution also for that !

Accessories

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Laser auf Stativ



Laser



Receptor

Highest precision for drainage. Laser-based building of drainage is the most efficient method, in order to determine the depths adjustment when moving perfectly. Thus damages at more deeply moved lines and pipes can be prevented among other things and to be reduced later filling to a minimum of expenditure.

That saves annoyance, time and money, with which the investment amortizes at short notice into a laser plant. In order to ensure the necessary flexibility, the lasers at many by us manufactured trenchers are applicable and with few handles installed, whereby the data input becomes uncomplicated and thus fast.

Laser

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Stativ



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EARTHWORK IN PERFECTION

since 1964



GRABENMEISTER

Mill

Load

Fill

EARTHWORK IN PERFECTION



Since 1964 the label
GRABENMEISTER
stands for technically fastidious trenchers
which are sold world-wide.

Our experience of many years
is your guarantor
for know-how, service
and reliable machines.

The early beginning of our trencher
was founded in a small production hall.

In consequence
to the increased demand
and the expansion of the product range
we had to enlarge and modernize
our factory.

In 1994 we finished our new domicile,
in which we may welcome you
until today.



About us.

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EARTHWORK IN PERFECTION

for Cabel-/Pipe-/Solar-Drainage-/Golf- and Sportfieldwork

Grabenmeister-Attachments:

















Grabenmeister-Selfpropelled:









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SELFPROPELLED TRENCHERS

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Selfpropelled "Grabenmeister" GM 1 - 6 used in different conditions!
Technical details (Depending on type):

Our trenchers GM 4 4x4 – GM 6 ASR can you rent with operator

Undercarrige:	Four wheel drive or tracks drive with slab of rubber on a steel chain
Trench depth:	600, 850, 1100, 1250, 1500, 1700 mm (special depth 3000 mm possible)
Trench width:	70 - 600 mm
Chain typs:	Normal tools, Aligator or mixed chains
Pitch of chain:	44,45 mm, 75 mm and 100 mm
Optional equipment:	Lasersystem manuel or automatic, slot equipment, discharge conveyors, sand hopper, pipe guiding system, backfilling worm, reel pipe carrier, backfilling blade, cabin, sliding boom, twin tires etc.
Weight:	of 1.960 kg - 16.000 kg
Dimensions:	of 4.100 - 9.100mm long / 1.300 - 2.500mm with / 2.300 - 3.100mm high

Selfpropelled trencher "Grabenmeister":
GM 1 4x4




GM 4 4x4










GM 4 Raupe






GM 6 ASR






TRENCHER ATTACHMENT

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Trencher Attachment "Grabenmeister" for Tractors and Excavators or two way excavators!

Technical details (Depending on type):

Drive:	mechanical by power shift or hydraulic by radial piston motor
Trench depth:	600, 850, 1250, 1600 mm (special depth possible)
Trench width:	70 - 600 mm
Chains types:	normal tools, alligator or mixed chains
Pitch of chain:	44,45 mm, 75 mm and 100 mm
Optional equipment:	Laser system manual or automatic, slot equipment, discharge conveyors, sand hopper, pipe equipment system, backfilling worm, reel pipe carrier, backfilling blade, sliding boom etc.
Weight:	600 kg - 2.900 kg
Dimensions:	3.100-4.400 mm long / 1.500-1.750 mm width / 1.100 - 2.000 mm high

Trencher Attachment “Grabenmeister”
GM 1-A






GM 1-AS






GM 140 AF:






GMA 160 AF or AS:






Hydraulic trencher attachment for excavator or two way excavator:
GMA 140 AFH-500 – GM 140 AFH-600






GMA 140 H






Special Trencher

Special trencher "Grabenmeister" in different Power classes!

Technical details (Depending on type):

Engine:	All type for example Deutz or Catterpillar
Trench depth:	up to 4500 mm
Trench width:	150 - 450 mm
Type of chain:	different
Pitch of chain:	125 mm
Optional equipment:	Laser system manual or automatic, pipe guidingsystem, reel pipe, sand hopper
Wight:	up to 20.000 kg

Specialmachine "Grabenmeister":

GM 300 H – with 3000 mm cutterboom





GM 450 H – with 4500 mm cutter boom





GM 1800 P – Selfproppeled Drainplough

Technical details (Depending on type):

Engine:	Deutz
Plough depth:	1800 mm
Optional equipment:	Lasersystem, Cable reel socket, GPS control
Wight:	approx. 30.000 kg





GMV 130 Plough –Vibratingplough

Technical details (Depending on type):

Plough depth:	max. 1300 mm
Pipe diameter:	max. 80 mm Ø
Wight:	approx. 2.400 kg





SELFPROPELLED TRENCHERS

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NEW

The grave master drain GM 1800 P is a product of our long experience in building Drainmachine, Drainpflüge grave and milling and good cooperation with our customers for these machines.
The GM 1800 P is a device that will meet in the implementation of the drainage works and trenching for cables and pipes for gas and water pipes highest. The GM 1800 P has an engine power of 400 hp and runs on caterpillar tracks with fully hydrostatic drive. The drive is controlled via joystick electro-hydraulic cylinders and all major functions are also installed in it,
this is the operator easy to use.

Optionally, the drives of the GM 1800 P 2,700 mm track width are hydraulically extended up to a track width of 4,000 mm. Bumps are the special suspension of the plow sword, which is approximately in the middle of the drive, as far as possible avoided. The deluxe cab features besides heating and air conditioning also has a sunroof and impresses through ist size and extra large windows, as an option, the cab can even be equipped with an air suspension.

GM 1800 P

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Technical data:

Length: 10.300 mm
Hight: 3.446 mm
Width: 2.700 mm

Weight:
approx. 30.000 kg

Widths:
to 1.800 mm

Drive:
6 Cyl. Deutz Turbodiesel
294,2 KW
hydr. Tracks

Standard:

- Chassis standard 2,700 mm (Optional = hydr. Extendable up to 4,000 mm)
- hydraulically ploughshare
- hydraulically swiveling and extendable cab
- hydrostatic track drive with joystick control
- Cabin with heating, air conditioning and sunroof
- (Optional = air suspension,
- Reel for drain pipes
- self-leveling cabin

Accessories:

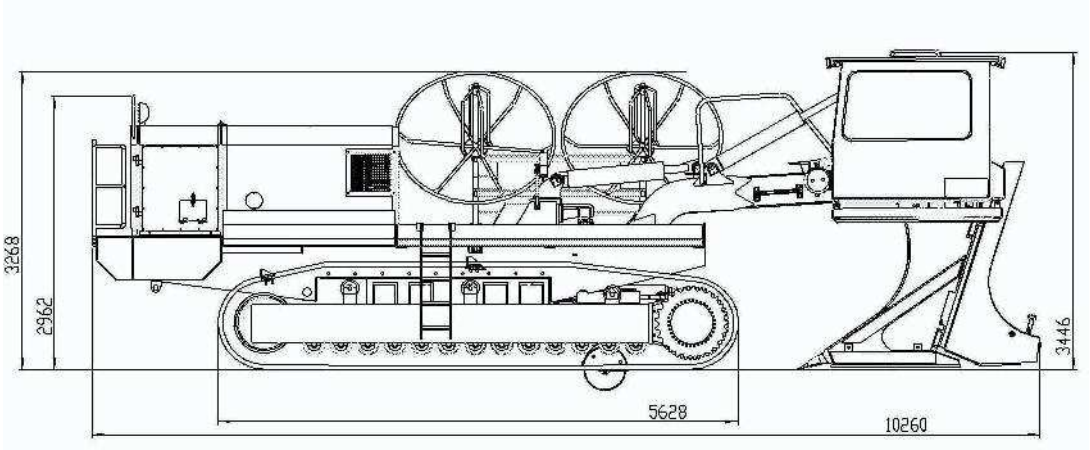
- Cable reel recording
- Laser system for depth control
- GPS control with recording

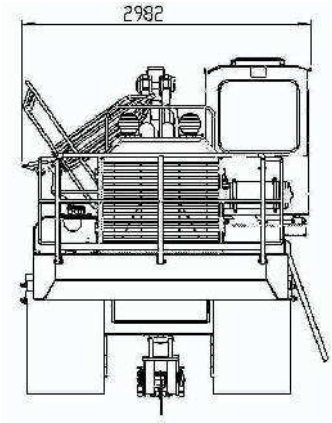


GRABENMEISTER

SELFPROPELLED DRAINPLOUGH

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LINGENER BAUMASCHINEN





GM 1800 P

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NEW

Grabenmeister Plough GM 1800 P

Technical Data:

Demensions in mm

Lenght:	10260
Hight with reel:	3268
Hight without real:	2962
Lenght undercarriage:	5628
Hight cabine u. share:	3446
Width:	2982
Weight:	30.000 kg

Engine:

Deutz TCD 2015 with 294,2 kw / 400 PS
Capacity of fuel tank 1.000 l

Optional:

other engines on request



Running gear (optional)

Speed forwards/backward
in operation 0-3800 m/h infinitely variable
in overdrive 0-8000 m/h infinitely variable

Electro system

Circuit	24 Volt
Battery	2x12 V/ 170 Ah

Hydraulic system

Hydr. speed
2 hydr. Pumps

Max. discharge	378 l/Min.
Max. pressure	400 bar

Control hydr. system

Oil tank	450 Liter
Capacity of tank	580 Liter

Pressure of 200 bar.
Maximum flow for panning and tilting by a pump 64 l / min at a max. Pressure of 200 bar. Load moment for the sword through a check valve at 100 bar.

GRABENMEISTER