

Heizohack®

Technical Data valid from **01.07.2018**

for Drum Wood Chipping Machines

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Information:

The listed equipment parts **must** be ordered together with the chipper, the chassis ...
Without any selection of these basic articles is the order incomplete.

You can order the listed accessories parts optionally.

The different types of article are marked as follows:

X = *Equipment* (**one** article has to be ordered)

O = *Accessories* (can be ordered)



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Manually Fed Wood Chippers

The manually fed **HEIZOHACK**-wood chippers can break down all wood waste, such as slats, beams, logs, blocks or branches and trunks with a diameter up to a maximum of 300 mm or 400 mm.

A steel conveyor belt and a pressure roller with welded tongs ensure a powerful and reliable feeding of the material.

The **HEIZOHACK**-wood chippers are equipped with a low drag drum chip rotor. Thereby flawless operation is also possible with low drive performance and the fuel consumption is reduced. The drive can take place using a propeller shaft, via an internal combustion engine (HM 6-300 VM) or via an electric-motor (HM 6-300 EM, HM 8-400 EM).

The hydraulic feed units supply is undertaken via it's the own on-board hydraulic system. An external oil supply is not necessary.

The size of the wood chips can be influenced by the individually adjustable feed speed and the easily exchanged sieve. The ejection of long pieces is prevented by the sieve.

The counter knife can be used quadrilateral.

The quick exchangeable blades can be re-sharpened with a hand-held grinder when fitted.

The feed table and the ejector spout are foldable and supported by pneumatic shock dampers. As an option the chipper of the series HM 400 can be provided with a hydraulically height adjustable ejector tower. The ejection height can be adjusted step less from 2,90m to 4,10 m. The activity of the ejector tower taken place by a hand pump and a double acting hydraulic cylinder.

Upon request, the ejector tower rotation and the ejector flap adjustment are possible by short wired remote control. The feed speed is adjustable via a flow divider and the direction of the feed elements reversible by the feed safety lever. The movement is able to stop, too.

The electric controls of the chipping machine have, besides an operator-friendly, load-dependent feed control of the wood feed, also two-day counters and an overall operations counter. The option cycle mode is freely selectable.

The machine is designed solely for manual feeding and is equipped with a feed safety rope.

The tested safety seal is to be observed!

Only **HEIZOHACK**-wood chippers on chassis can get the safety seal.



HM 4/6-300 Drum Wood Chipper

Machine exclusively for manual feeding!



Technical Data and Equipment of the Wood Chipping Machine:

	HM 4-300	HM 6-300
Infeed height:	300 mm	300 mm
Infeed width:	330 mm	500 mm
Fly wheel mass:	130 kg	130 kg
Exchangeable blades:	4 pieces	6 pieces
Drum diameter:	450 mm	
Infeed:	<ul style="list-style-type: none"> - conveyor belt; length 600 mm - top roller with steel teeth; diameter 380 mm - length of infeed table 900 mm 	
Augers:	2 transversal augers	
Ejection:	- manually foldable and rotatable; support by pneumatic shock dampers with chassis	
Ejection height:	without chassis	max. 3,42 m max. 3,12 m
Controls:	<ul style="list-style-type: none"> - automatic load-dependent infeed control with intergraded cycle mode - two day counters and one overall operating hours counter - infeed speed infinitely adjustable 	
Colour:	<ul style="list-style-type: none"> - yellow green silk matt RAL 1028 - nova grey silk matt MB 7350 	
Drive:	- via PTO shaft	
Drive rpm:	max. 750 min-1	
Drive performance:	max. permissible at 540 min-1 60 kW / 82 HP max. permissible at 750 min-1 90 kW / 122 HP	



picture of HM 4-300 as 3-point linkage version

Information:

By using a wood chipper series HM 300 as a 3-point-linkage machine without any chassis and inclusive PTO with free wheel, the 3-point linkage extension must be used!

	Type of Wood Chipper	Weight without chassis	Article number
X	HEIZOHACK HM 4-300	ca. 1.520 kg	VB-04-000-00006
X	HEIZOHACK HM 6-300	ca. 1.740 kg	VB-04-000-00007

Equipment sieve HM 4-300:		
X	HM 4-300 25/25 mm (great decrease in performance)	VB-04-016-00012
X	HM 4-300 35/40 mm	VB-04-016-00013
X	HM 4-300 50/50 mm	VB-04-016-00014
Equipment sieve HM 6-300:		
X	HM 6-300 25/25 mm (great decrease in performance)	VB-04-016-00015
X	HM 6-300 35/40 mm	VB-04-016-00016
X	HM 6-300 50/50 mm	VB-04-016-00017

X Equipment O Accessories

Equipment discharge chute electric rotatable:		Article number
X	Discharge chute with manual rotation HM 300/400	VB-04-017-00001
X	Discharge chute with electric rotation HM 300/400 driven by chain (extra charge)	VB-04-017-00002
Equipment discharge flap adjustment:		
X	Discharge flap with manual adjustment HM 300/400	VB-04-018-00002
X	Discharge flap with electric adjustment HM 300/400 infinitely variable by servo motor (extra charge)	VB-04-018-00001

Equipment lower link bolt at 3-point-linkage:		
X	Lower link bolt category III must be ordered at chipper with chassis (set)	VB-04-001-00001
X	Lower link bolt category II (extra charge, set)	VB-04-001-00002

Accessories intermediate frame:		
O	3-point-linkage extension 300 mm HM 300 must be ordered by using the chipper without any chassis and PTO with free wheel; the PTO Shaft Bondioli 1.486 mm is too use!	VA-04-304-00001

Equipment yoke tractor side:		
X	Yoke 6 spline 1 3/8" tractor side for type series SH	VB-90-038-00003
X	Yoke 6 spline 1 3/4" tractor side for type series SH	VB-90-038-00004
X	Yoke 20 spline 1 3/4" tractor side for type series SH (extra charge)	VB-90-038-00005
X	Yoke 21 spline 1 3/8" tractor side for type series SH (extra charge)	VB-90-038-00006
Equipment PTO shaft:		
X	PTO shaft Bondioli 886 mm type series SH; in combination with wood chipper without chassis	VB-90-038-00001
X	PTO shaft Bondioli 1.486 mm type series SH; in combination with wood chipper with chassis (extra charge)	VB-90-038-00002
Equipment yoke chipper side:		
X	Yoke with shear bolt 6 spline 1 3/4" chipper side for type series SH	VB-90-038-00007
X	Yoke with free wheel 6 spline 1 3/4" chipper side for type series SH (extra charge)	VB-90-038-00008

X Equipment O Accessories

Accessoires chassis HM 300:		Article number
<input type="radio"/>	Chassis HM 300 25 km/h no braking device a trailing axle, supporting leg, drawbar, wings and lighting, with tyres 10/75 - 15.3 Height of towing port: 800 mm to 900 mm adjustable Attention: The PTO shaft Bondioli 1.486 mm must be ordered separate!	VB-04-022-00004
<input type="radio"/>	Chassis HM 300 25 km/h with cable brake a trailing axle, supporting leg, drawbar, wings and lighting, with tyres 10/75 - 15.3 Height of towing port: 800 mm to 900 mm adjustable Attention: The PTO shaft Bondioli 1.486 mm must be ordered separate!	VB-04-022-00005

Equipment chassis:		
<input checked="" type="checkbox"/>	Trailer coupling ring 40 mm, rigid, HM 300/400 welded	VA-04-304-00015
<input checked="" type="checkbox"/>	Trailer coupling ring 50 mm, rigid, HM 300/400 welded (extra charge)	VA-04-304-00016
<input checked="" type="checkbox"/>	Ball hitch K80, HM 300/400 welded (extra charge)	VA-04-304-00017
<input checked="" type="checkbox"/>	Trailer coupling ring 35 mm, rigid, HM 300/400 welded (extra charge)	VA-04-304-00018
<input checked="" type="checkbox"/>	Trailer coupling ring 50 mm, rigid, HM 300/400 welded (extra charge)	VA-04-304-00019

Accessories wood chipper HM 300:		
<input type="radio"/>	Exchange blades 94 x 50 x 5 mm (unit price) from 100 pieces from 200 pieces from 500 pieces from 1.000 pieces	VA-90-040-00001
<input type="radio"/>	Discharge chute extension HM 300/400 500 mm not possible at hydraulically height adjustable discharge chute HM 400 Attention: The tested safety seal is not applicable!	VB-04-017-00005
<input type="radio"/>	Discharge chute extension HM 300/400 1000 mm only in combination with ejector flap electric adjustment not possible at hydraulically height adjustable discharge chute HM 400 Attention: The tested safety seal is not applicable!	VB-04-017-00006
<input type="radio"/>	Hitch, height of towing port 500 mm Additional part is required to retrofit the existing traction facility to lower hitch	VB-04-019-00001
<input type="radio"/>	Biological hydraulic oil complete filling HM 300/400 (extra charge for complete filling)	VA-04-027-00001
<input type="radio"/>	Special paint RAL HM 300/400 (extra charge per colour)	VA-04-027-00002
<input type="radio"/>	Manual torque multipliers 100 Nm - 2.000 Nm for loosen and tie up of the exchange blades holder; inclusive torque wrench 3/4 " 80 Nm - 400 Nm, strength nut (opening width 36mm) and stable transport case Attention: Price not discountable	VA-89-001-00002
<input type="radio"/>	Commissioning at the customer within the sales area of Heizomat Germany Attention: Price not discountable	VA-89-001-00002

X Equipment O Accessories



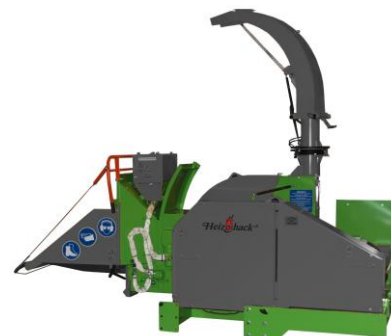
HM 6-300 EM Drum Wood Chipper



Machine exclusively for manual feeding!
For stationary use; electric motor drive

Technical Data and Equipment of the Wood Chipping Machine:

Infeed height:	300 mm
Infeed width:	500 mm
Fly wheel mass:	130 kg
Exchangeable blades:	6 pieces
Drum diameter:	450 mm
Infeed:	<ul style="list-style-type: none"> - driven by electric motors - conveyor belt; length 600 mm - top roller with steel teeth; diameter 380 mm - length of infeed table 900 mm
Augers:	2 transversal augers
Ejection:	manually foldable and rotatable; support by pneumatic shock dampers
Ejection height:	max. 3,23 m
Controls:	<ul style="list-style-type: none"> - automatic load-dependent infeed control with intergraded cycle mode - two day counters and one overall operating hours counter - infeed speed infinitely adjustable
Colour:	<ul style="list-style-type: none"> - yellow green silk matt RAL 1028 - nova grey silk matt MB 7350
Drive:	- via electric motor and V-belt transmission
Drive rpm:	max. 750 min-1
Drive performance:	max. permissible 55 kW



picture of HM 6-300 EM

	Type of Wood Chipper	Weight without electric motor	Article number
X	HEIZOHACK HM 6-300 EM	approx. 2.320 kg	VA-04-304-00025

Equipment sieve HM 6-300:		
X	HM 6-300 25/25 mm (great decrease in performance)	VB-04-016-00015
X	HM 6-300 35/40 mm	VB-04-016-00016
X	HM 6-300 50/50 mm	VB-04-016-00017

Equipment discharge chute electric rotatable:		
X	Discharge chute with manual rotation HM 300/400	VB-04-017-00001
X	Discharge chute with electric rotation HM 300/400 driven by chain (extra charge)	VB-04-017-00002
Equipment discharge flap adjustment:		
X	Discharge flap with manual adjustment HM 300/400	VB-04-018-00002
X	Discharge flap with electric adjustment HM 300/400 infinitely variable by servo motor (extra charge)	VB-04-018-00001

X Equipment O Accessories

Accessories wood chipper HM 300 EM:		Article number
<input type="radio"/>	<p>Exchange blades 94 x 50 x 5 mm (unit price)</p> <p>from 100 pieces from 200 pieces from 500 pieces from 1.000 pieces</p>	VA-90-040-00001
<input type="radio"/>	<p>Discharge chute extension HM 300/400 500 mm not possible at hydraulically height adjustable discharge chute HM 400 <u>Attention:</u> The tested safety seal is not applicable!</p>	VB-04-017-00005
<input type="radio"/>	<p>Discharge chute extension HM 300/400 1000 mm only in combination with ejector flap electric adjustment not possible at hydraulically height adjustable discharge chute HM 400 <u>Attention:</u> The tested safety seal is not applicable!</p>	VB-04-017-00006
<input type="radio"/>	<p>Biological hydraulic oil complete filling HM 300/400 (extra charge for complete filling)</p>	VA-04-027-00001
<input type="radio"/>	<p>Special paint RAL HM 300/400 (extra charge colour)</p>	VA-04-027-00002
<input type="radio"/>	<p>Manual torque multipliers 100 Nm – 2.000 Nm for loosen and tie up of the exchange blades holder; inclusive torque wrench 3/4 " 80 Nm - 400 Nm, strength nut (opening width 36mm) and stable transport case <u>Attention:</u> Price not discountable</p>	VA-89-001-00002
<input type="radio"/>	<p>Commissioning at the customer within the sales area of Heizomat Germany <u>Attention:</u> Price not discountable</p>	VA-89-001-00002
Equipment electric motor:		
<input checked="" type="checkbox"/>	<p>Electric motor 45 kW 400 V 50 Hz 1.500 min-1, V belt drive, Control panel with star-triangle automatic start, rated current 80,6 A; fuse 100 A, starting current approx. 200 A, 400 V, 50 Hz, 3 P/N/PE Connection by customer in accordance with DIN-VDE (suitable for soft wood chipping, e.g. spruce) Weight: 625 kg</p>	VB-92-009-00001
<input checked="" type="checkbox"/>	<p>Electric motor 55 kW 400 V 50 hz 1.500 min-1, V belt drive, control panel with star-triangle automatic start, rated current 98,5 A; fuse 125 A, starting current approx. 250 A, 400 V, 50 Hz, 3 P/N/PE Connection by customer in accordance with DIN-VDE (suitable for chipping with hard wood, e. g. beech) Weight: 680 kg</p>	VB-92-009-00002

X Equipment O Accessories



HM 6-300 VM Drum Wood Chipper



Machine exclusively for manual feeding!
Internal combustion engine

Technical Data and Equipment of the Wood Chipping Machine:

Infeed height:	300 mm
Infeed width:	500 mm
Fly wheel mass:	130 kg
Exchangeable blades:	6 pieces
Drum diameter:	450 mm
Infeed:	- conveyor belt; length 600 mm - top roller with steel teeth; diameter 380 mm - length of infeed table 900 mm
Augers:	2 transversal augers
Ejection height:	- 2,80 m - 4,00 m; adjustable via double acting hydraulic cylinder, by hand pump
Ejector:	- discharge chute electric rotatable and discharge flap electric
Controls:	- automatic load-dependent infeed control with intergraded cycle mode - two day counters and one overall operating hours counter - infeed speed infinitely adjustable
Colour:	- yellow green silk matt RAL 1028 - nova grey silk matt MB 7350
Drive:	via Diesel engine and V-belt transmission
Drive rpm:	max. 750 min-1



picture of HM 6-300 VM

Technical Data and Equipment of Chassis and Caterpillar- Diesel-Auxiliary Engine:

Auxillary Engine:	Caterpillar C3.4B, TIER 4 final, 55 kW / 75 HP water-cooled four stroke diesel engine with common-rail direct injection
Live Ring:	270 degree rotatable
Chassis:	ALKO Tandem-Chassis 80 km/h, drawbar height adjustable, max. height of towing port 910 mm, tyres 225/70 R 15
Hitch:	with DIN-Trailer coupling ring 40 mm and traction ball-shaped coupling K50
Support load:	100 kg

	Type of Wood Chipper	Weight inclusive chassis and engine	Article number
X	HEIZOHACK HM 6-300 VM Caterpillar overrun brakes	approx. 3.500 kg	VB-04-306-00011
X	HEIZOHACK HM 6-300 VM Caterpillar air braking system	approx. 3.500 kg	VA-04-306-00019

X Equipment O Accessories

Equipment and Accessories und Zubehör for the chipper HM 6-300 VM:

	Equipment sieve HM 6-300:	Article number
X	HM 6-300 25/25 mm (great decrease in performance)	VB-04-016-00015
X	HM 6-300 35/40 mm	VB-04-016-00016
X	HM 6-300 50/50 mm	VB-04-016-00017

	Accessories wood chipper HM 6-300 VM:	
	Exchange blades 94 x 50 x 5 mm (unit price)	
O	from 100 pieces from 200 pieces from 500 pieces from 1.000 pieces	VA-90-040-00001
O	Biological hydraulic oil complete filling HM 300/400 (extra charge for complete filling)	VA-04-027-00001
O	Special paint RAL HM 300/400 (extra charge per colour)	VA-04-027-00002
O	Manual torque multipliers 100 Nm - 2.000 Nm for loosen and tie up of the exchange blades holder; inclusive torque wrench 3/4 " 80 Nm - 400 Nm, strength nut (opening width 36mm) and stable transport case <u>Attention:</u> Price not discountable	VA-89-001-00002
O	Commissioning at the customer within the sales area of Heizomat Germany <u>Attention:</u> Price not discountable	VA-89-001-00002

X Equipment O Accessories



HM 4-300 F Drum Wood Chipper



Machine exclusively for manual feeding!
Drive via Unimog front PTO

The manually fed **HEIZOHACK- wood chipper HM 4-300 F** can break down all wood waste, such as slats, beams, logs, blocks or branches and trunks with a diameter up to a maximum of 300 mm.

The wood in feed is located on the right side of the vehicle. As a result, the operators on the roadside are well protected from the road traffic.

The hydraulic feed units supply is made via the own on-board hydraulic system. An external oil supply by the Unimog is not necessary. So an undesired mixture of hydraulic oils is avoided.

The wood chipper was special designed for front mounting at a Unimog from U400 or from U430. Notice the ballast at the Unimog and the front axle load of about 3.000 kg.

The **HEIZOHACK- wood chipper HM 4-300 F** is equipped with a low drag drum chip rotor.

Thereby flawless operation is also possible with low drive performance and the fuel consumption is reduced.

The drive of the wood chipper is performed directly by the front PTO of the carrier vehicle. The Unimog has to have a mounting plate category 5.

For the participation in public road traffic, the rotatable ejector tower can be removed with a rope pull winch out of the driver's field of vision by downward movement.

Technical Data and Equipment of the Wood Chipping Machine:

Infeed height:	300 mm
Infeed width:	330 mm
Fly wheel mass:	130 kg
Exchangeable blades:	4 pieces
Drum diameter:	450 mm
Infeed:	- conveyor belt; length 600 mm - top roller with steel teeth; diameter 380 mm - length of infeed table 900 mm
Augers:	2 transversal augers
Ejector:	discharge chute manually foldable, supported by gas pressure absorber; discharge flap and discharge chute rotatable manually
Ejection height:	max. 3,42 m
Controls:	- automatic load-dependent infeed control with intergraded cycle mode - two day counters and one overall operating hours counter - infeed speed infinitely adjustable
Colour:	- yellow green silk matt RAL 1028 - nova grey silk matt MB 7350
Drive:	via special drive shaft
Drive rpm:	max. 750 min-1



picture of HM 4-300 F



HM 4-300 F Drum Wood Chipper



Machine exclusively for manual feeding!
Drive via Unimog front PTO

	Type of Wood Chipper	Total weight	Article number
X	HEIZOHACK HM 4-300 F	approx. 1.850 kg	VB-04-000-00011

Equipment sieve HM 4-300:		
X	HM 4-300 25/25 mm (great decrease in performance)	VB-04-016-00012
X	HM 4-300 35/40 mm	VB-04-016-00013
X	HM 4-300 50/50 mm	VB-04-016-00014

Accessories wood chipper HM 4-300 F:		
O	Exchange blades 94 x 50 x 5 mm (unit price) from 100 pieces from 200 pieces from 500 pieces from 1.000 pieces	VA-90-040-00001
O	Biological hydraulic oil complete filling HM 300/400 (extra charge for complete filling)	VA-04-027-00001
O	Special paint RAL HM 300/400 (extra charge per colour)	VA-04-027-00002
O	Manual torque multipliers 100 Nm - 2.000 Nm for loosen and tie up of the exchange blades holder; inclusive torque wrench 3/4 " 80 Nm - 400 Nm, strength nut (opening width 36mm) and stable transport case <u>Attention:</u> Price not discountable	VA-89-001-00002
O	Commissioning at the customer within the sales area of Heizomat Germany <u>Attention:</u> Price not discountable	VA-89-001-00002

X Equipment O Accessories



HM 6/8-400 Drum Wood Chipper

Machine exclusively for manual feeding!



Technical Data and Equipment of the Wood Chipping Machine:



picture of HM 8-400

	HM 6-400	HM 8-400
Infeed height:	400 mm	400 mm
Infeed width:	500 mm	670 mm
Fly wheel mass:	300 kg	470 kg
Exchangeable blades:	6 pieces	8 pieces
Drum diameter:	495 mm	
Infeed:	<ul style="list-style-type: none"> - conveyor belt; length 600 mm - top roller with steel teeth; diameter 450 mm - length of infeed table 900 mm 	
Augers:	2 transversal augers	
Ejection height standard chute:	with chassis max. 3,50 m	without any chassis max. 3,27 m
Ejection height adjustable chute:	2,90 m - 4,10 m	2,67 m - 3,87 m
Controls:	<ul style="list-style-type: none"> - automatic load-dependent infeed control with intergraded cycle mode - two day counters and one overall operating hours counter - infeed speed infinitely adjustable 	
Colour:	<ul style="list-style-type: none"> - yellow green silk matt RAL 1028 - nova grey silk matt MB 7350 	
Drive:	- via PTO shaft	
Drive rpm:	max. 750 min ⁻¹	
Drive performance:	max. permissible at 540 min ⁻¹ 100 kW / 136 HP max. permissible at 750 min ⁻¹ 139 kW / 190 HP	

	Type of Wood Chipper	Weight without Chassis	Article number
X	HEIZOHACK HM 6-400	approx. 2.660 kg	VB-04-000-00004
X	HEIZOHACK HM 8-400	approx. 3.080 kg	VB-04-000-00005

X Equipment O Accessories

Equipment sieve HM 6-400:		Article number
X	HM 6-400 25/25 mm (great decrease in performance)	VB-04-016-00004
X	HM 6-400 35/40 mm	VB-04-016-00005
X	HM 6-400 50/50 mm	VB-04-016-00006
Equipment sieve HM 8-400:		
X	HM 8-400 / HM 8-400 K 25/25 mm (great decrease in performance)	VB-04-016-00007
X	HM 8-400 / HM 8-400 K 35/40 mm	VB-04-016-00008
X	HM 8-400 / HM 8-400 K 50/50 mm	VB-04-016-00009
X	HM 8-400 / HM 8-400 K 50/50 mm with stop bars	VB-04-016-00010
X	HM 8-400 / HM 8-400 K 60/80 mm with stop bars	VA-04-016-00003

Equipment discharge chute electric rotatable:		
X	Discharge chute with manual rotation HM 300/400	VB-04-017-00001
X	Discharge chute with electric rotation HM 300/400 driven by chain (extra charge)	VB-04-017-00002
Equipment discharge flap adjustment:		
X	Discharge flap with manual adjustment HM 300/400	VB-04-018-00002
X	Discharge flap with electric adjustment HM 300/400 infinitely variable by servo motor (extra charge)	VB-04-018-00001
Equipment discharge chute:		
X	Discharge chute manually foldable HM 400 manually foldable and rotatable; support by pneumatic shock dampers	VB-04-018-00003
X	Discharge chute raise and lower hydraulically HM 400 only together with discharge chute electric rotatable and discharge flap electric adjustment, adjustable via double acting hydraulic cylinder, by hand pump (extra charge)	VB-04-018-00004

Equipment yoke tractor side:		
X	Yoke 6 spline 1 3/8" tractor side for type series SH	VB-90-038-00003
X	Yoke 6 spline 1 3/4" tractor side for type series SH	VB-90-038-00004
X	Yoke 20 spline 1 3/4" tractor side for type series SH (extra charge)	VB-90-038-00005
X	Yoke 21 spline 1 3/8" tractor side for type series SH (extra charge)	VB-90-038-00006
Equipment PTO shaft:		
X	PTO shaft Bondioli 886 mm type series SH; in combination with wood chipper without chassis	VB-90-038-00001
X	PTO shaft Bondioli 1.486 mm type series SH; in combination with wood chipper with chassis (extra charge)	VB-90-038-00002
Equipment yoke chipper side:		
X	Yoke with shear bolt 6 spline 1 3/4" chipper side for type series SH	VB-90-038-00007
X	Yoke with free wheel 6 spline 1 3/4" chipper side for type series SH (extra charge)	VB-90-038-00008

X Equipment O Accessories

Chassis HM 400:		Article number
<input type="checkbox"/>	Chassis HM 400 25 km/h cable handbrake a trailing axle, supporting leg, drawbar, wings and lighting, with tyres 400/60 - 15.5, height of towing port: 850 mm to 950 mm adjustable Attention: The PTO shaft Bondioli 1486 mm must be ordered separate!	VB-04-022-00002
<input type="checkbox"/>	Chassis HM 400 40 km/h with spring-loaded pneumatic brake a trailing axle, supporting leg, drawbar, wings and lighting, with tyres 400/60 - 15.5, height of towing port: 850 mm to 950 mm adjustable Attention: The PTO shaft Bondioli 1486 mm must be ordered separate!	VB-04-022-00003

Equipment chassis HM 400 40 km/h - compressed air connection:		
<input checked="" type="checkbox"/>	Compressed air connection automatic, trailer side red and yellow (set)	VB-94-001-00001
<input checked="" type="checkbox"/>	Compressed air connection Duomatic, trailer side connected at the compressed air tubes operating pressure max.: 10 bar nominal width: 9 mm	VB-94-001-00002

Equipment chassis:		
<input checked="" type="checkbox"/>	Trailer coupling ring 40 mm, rigid, HM 300/400 welded (extra charge)	VA-04-304-00015
<input checked="" type="checkbox"/>	Trailer coupling ring 50 mm, rigid, HM 300/400 welded (extra charge)	VA-04-304-00016
<input checked="" type="checkbox"/>	Ball hitch K80, HM 300/400 welded (extra charge)	VA-04-304-00017
<input checked="" type="checkbox"/>	Trailer coupling ring 35 mm, rigid, HM 300/400 welded (extra charge)	VA-04-304-00018
<input checked="" type="checkbox"/>	Trailer coupling ring 50 mm, rigid, HM 300/400 welded (extra charge)	VA-04-304-00019

Accessories wood chipper HM 400:		
<input type="checkbox"/>	Exchange blades 94 x 50 x 5 mm (unit price) <input type="checkbox"/> from 100 pieces <input type="checkbox"/> from 200 pieces <input type="checkbox"/> from 500 pieces <input type="checkbox"/> from 1.000 pieces	VA-90-040-00001
<input type="checkbox"/>	Discharge chute extension HM 300/400 500 mm not possible at hydraulically height adjustable discharge chute HM 400 Attention: The tested safety seal is not applicable!	VB-04-017-00005
<input type="checkbox"/>	Discharge chute extension HM 300/400 1000 mm only in combination with ejector flap electric adjustment not possible at hydraulically height adjustable discharge chute HM 400 Attention: The tested safety seal is not applicable!	VB-04-017-00006
<input type="checkbox"/>	Hitch HM 300/400 <input type="checkbox"/> height of towing port 500 mm Additional part is required to retrofit the existing traction facility to lower hitch	VB-04-019-00001
<input type="checkbox"/>	Biological hydraulic oil complete filling HM 300/400 (extra charge for complete filling)	VA-04-027-00001
<input type="checkbox"/>	Special paint RAL HM 300/400 (extra charge per colour)	VA-04-027-00002
<input type="checkbox"/>	Manual torque multipliers 100 Nm - 2.000 Nm for loosen and tie up of the exchange blades holder; <input type="checkbox"/> inclusive torque wrench 3/4 " 80 Nm - 400 Nm, strength nut (opening width 36mm) and stable transport case Attention: Price not discountable	VA-89-001-00002
<input type="checkbox"/>	Commissioning at the customer <input type="checkbox"/> within the sales area of Heizomat Germany Attention: Price not discountable	VA-89-001-00002

X Equipment O Accessories



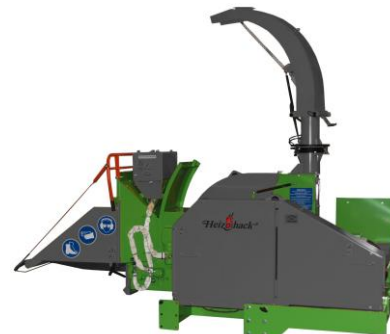
HM 8-400 EM Drum Wood Chipper



Machine exclusively for manual feeding!
For stationary use; electric motor drive

Technical Data and Equipment of the Wood Chipping Machine:

Infeed height:	400 mm
Infeed width:	670 mm
Fly wheel mass:	470 kg
Exchangeable blades:	8 pieces
Drum diameter:	495 mm
Infeed:	- driven by electric motors - conveyor belt; length 600 mm - top roller with steel teeth; diameter 450 mm - length of infeed table 900 mm
Augers:	2 transversal augers
Ejection:	manually foldable and rotatable; support by pneumatic shock dampers
Ejection height:	max. 3,27 m
Controls:	- automatic load-dependent infeed control with intergraded cycle mode - two day counters and one overall operating hours counter - infeed speed infinitely adjustable
Colour:	- yellow green silk matt RAL 1028 - nova grey silk matt MB 7350
Drive:	- via PTO shaft
Drive rpm:	max. 750 min ⁻¹
Drive performance:	max. permissible 75 kW



picture of HM 8-400 EM

	Type of Wood Chipper	Weight without electric motor	Article number
X	HEIZOHACK HM 8-400 EM	approx. 3.550 kg	VA-04-408-00045

Equipment sieve HM 8-400:			
X	HM 8-400 / HM 8-400 K	35/40 mm	VB-04-016-00008
X	HM 8-400 / HM 8-400 K	50/50 mm	VB-04-016-00009
X	HM 8-400 / HM 8-400 K	50/50 mm with stop bars	VB-04-016-00010
X	HM 8-400 / HM 8-400 K	60/80 mm with stop bars	VA-04-016-00003

Equipment discharge chute electric rotatable:		Article number
X	Discharge chute with manual rotation HM 300/400	VB-04-017-00001
X	Discharge chute with electric rotation HM 300/400 driven by chain (extra charge)	VB-04-017-00002
Equipment discharge flap adjustment:		
X	Discharge flap with manual adjustment HM 300/400	VB-04-018-00002
X	Discharge flap with electric adjustment HM 300/400 infinitely variable by servo motor (extra charge)	VB-04-018-00001

X Equipment O Accessoires

Accessories wood chipper HM 400:		
O	Exchange blades 94 x 50 x 5 mm (unit price) from 100 pieces from 200 pieces from 500 pieces from 1.000 pieces	VA-90-040-00001
O	Discharge chute extension HM 300/400 500 mm not possible at hydraulically height adjustable discharge chute HM 400 <u>Attention:</u> The tested safety seal is not applicable!	VB-04-017-00005
O	Discharge chute extension HM 300/400 1000 mm only in combination with ejector flap electric adjustment not possible at hydraulically height adjustable discharge chute HM 400 <u>Attention:</u> The tested safety seal is not applicable!	VB-04-017-00006
O	Biological hydraulic oil complete filling HM 300/400 Panolin HLP Synth 46 (extra charge for complete filling)	VA-04-027-00001
O	Special paint RAL HM 300/400 (extra charge per colour)	VA-04-027-00002
O	Manual torque multipliers 100 Nm - 2.000 Nm for loosen and tie up of the exchange blades holder; inclusive torque wrench 3/4 " 80 Nm - 400 Nm, strength nut (opening width 36mm) and stable transport case <u>Attention:</u> Price not discountable	VA-89-001-00002
O	Commissioning at the customer within the sales area of Heizomat Germany <u>Attention:</u> Price not discountable	VA-89-001-00002
Equipment electric motor:		
X	Electric motor 55 kW 400 V 50 Hz 1.500 min-1, V belt drive, control panel with star-triangle automatic start, rated current 98,5 A; fuse 125 A, starting current approx. 250 A; 400 V, 3 P/N/PE Connection by customer in accordance with DIN-VDE (suitable for chipping with hard wood, e. g. beech) Weight: 680 kg	VB-92-009-00002
X	Electric motor 75 kW 400 V 50 Hz 1.500 min-1, V belt drive, control panel with soft start, rated current 131,9 A; fuse 160 A, starting current approx. 310 A; 400 V, 50 Hz, 3 P/N/PE Connection by customer in accordance with DIN-VDE (suitable for chipping with hard wood, e. g. beech) Weight: 810 kg	VB-92-009-00003

X Equipment O Accessories



Crane Fed Wood Chippers

With the crane fed **HEIZOHACK** wood chippers all wood waste, such as slats, beams, logs, blocks or branches and trunks can be processed with relatively little power needed.

This is achieved by the large flywheel mass in the ejector blower.

The maximum cut able diameter is at the HM 8-400 K approx. 400 mm, at the HM 8-500 K approx. 500 mm (end pieces up to approx. 700 mm) and at the HM10-500 K and HM 14-800 K approx. 500 mm (end pieces up to approx. 800 mm). At the HM 14-860 K the maximum cut able diameter is approx. 650 mm (end pieces up to approx. 800 mm).

The **HEIZOHACK**-wood chippers are equipped with a low drag drum chip rotor.

Thereby flawless operation is also possible with low drive performance and the fuel consumption is reduced. The drive can take place via a PTO shaft or by a combustion engine (HM 14-860 KL).

A steel conveyor belt and a pressure roller with welded spikes ensures a powerful and reliable feed of the material. The feed is supported therefore by the front end in-feed roller at the end of the in-feed table (not available at the HM 8-400 K) and by the optionally available conveyor belt, which is integrated into the in feed table.

The size of the chipped wood can be influenced by the individually adjustable feed speed and by the easily exchangeable sieve. The ejection of end pieces is prevented by the sieve.

The counter knife can be used bilaterally. At the HM 8-400 K it can be used quadrilateral.

The quick exchangeable blades can be re-sharpened with a hand-held grinder when fitted.

The supply of the hydraulic feed units is undertaken by the on-board hydraulics system.

Secondary consumers such as the ejector chute, infeed table, crane (if fitted), etc. are supplied by the hydraulics system of the traction machine.

The electrical controls of the wood chipper has, besides an operator-friendly, load-dependent feed regulation, also two day counters and an overall operating hours counter. The feed speed is adjustable the direction of all feed elements are reversible by themselves. The option cycle mode is freely selectable.

The drive of all functions is undertaken via the remote control cable, which must be fitted in the driver cabin.

For the control of some functions a radio controls can be fitted on request.

Also a cone splitter could be placed at the tandem chassis or the lorry chipper.

At the HM 8-400 K and HM 8-500 K the cone splitter isn't feasible.



HM 8-400 K Drum Wood Chipper

Machine exclusively for crane feeding



Technical Data and Equipment of the Wood Chipping Machine:

Infeed height: 400 mm

Trunk diameter: 400 mm

Infeed width: 708 mm

Rotor shaft diameter: 80 mm

Fly wheel mass: 470 kg

Exchangeable blades: 8 pieces

Drum diameter: 495 mm

Infeed:

- conveyor belt; length 900 mm
- top roller with steel teeth; diameter 600 mm
- **without** any front end roller at the infeed table
- infeed table optionally with conveyor belt; length 900mm
- length off the infeed table 1.500 mm

Augers: 3 transversal augers

Ejector:

- discharge chute hydraulically foldable and height; ejecting height max. 4,50 m; depending on tyres
- discharge chute electrical rotatable
- discharge flap electrical adjustable

Controls:

- automatic load-dependent infeed control with intergraded cycle mode
- two day counters and one overall operating hours counter
- infeed speed of top roller and conveyor belt infinitely variable
- infeed direction reversible
- remote control with 10 m cable and control panel for all functions

Colour:

- yellow green silk matt RAL 1028
- nova grey silk matt MB 7350

Drive: - via PTO shaft and V belt transmission

Drive rpm: max. 1.000 min⁻¹

Drive performance: max. permissible 148 kW / 200 HP



picture of HM 8-400 KF with chassis 40 km/h



HM 8-400 K Drum Wood Chipper

Machine exclusively for crane feeding!



	Type of Wood Chipper	Weight without Chassis	Article number
X	HEIZOHACK HM 8-400 K	approx. 4.600 kg	VB-04-000-00019

Equipment sieve HM 8-400 K:		
X	HM 8-400 / HM 8-400 K 25/25 mm (great decrease in performance)	VB-04-016-00007
X	HM 8-400 / HM 8-400 K 35/40 mm	VB-04-016-00008
X	HM 8-400 / HM 8-400 K 50/50 mm	VB-04-016-00009
X	HM 8-400 / HM 8-400 K 50/50 mm with stop bars	VB-04-016-00010
X	HM 8-400 / HM 8-400 K 60/80 mm with stop bars	VA-04-016-00003

Equipment infeed table:		
X	Infeed table HM 8-400 K standard	VB-04-006-00007
X	Infeed table with HM 8-400 K conveyor belt (extra charge)	VB-04-006-00008

Equipment yoke tractor side:		
X	Yoke 6 spline 1 3/8" tractor side for type series SH	VB-90-038-00003
X	Yoke 6 spline 1 3/4" tractor side for type series SH	VB-90-038-00004
X	Yoke 20 spline 1 3/4" tractor side for type series SH (extra charge)	VB-90-038-00005
X	Yoke 21 spline 1 3/8" tractor side for type series SH (extra charge)	VB-90-038-00006

Equipment PTO shaft:		
X	PTO shaft Bondioli 886 mm type series SH; in combination with wood chipper without chassis	VB-90-038-00001
X	PTO shaft Bondioli 1.486 mm type series SH; in combination with wood chipper with chassis (extra charge)	VB-90-038-00002
X	PTO shaft Bondioli 1.900 mm type series SH; in combination with chassis-tandem 40/60 km/h without draw bar for crane unit or for drawbar extension 410 mm for chassis-trailing axle 40 km/h (extra charge)	VB-90-038-00009

Equipment yoke chipper side:		
X	Yoke with shear bolt 6 spline 1 3/4" chipper side for type series SH	VB-90-038-00007
X	Yoke with free wheel 6 spline 1 3/4" chipper side for type series SH (extra charge)	VB-90-038-00008

X Equipment O Accessories

Accessories chassis HM 8-400 K:		Article number
O	Chassis 40 km/h 500 mm trailing axle, spring-loaded pneumatic brake, supporting leg, drawbar, wings and lighting Permissible total weight: 9.000 kg Weight: approx. 1.000 kg Height of towing port: approx. 500 mm Attention: The PTO shaft Bondioli 1.486 mm must be ordered separate!	VB-04-022-00007
	Chassis-single axle no crane installation 40 km/h (HM 8-400 k, HM 8-500 K and HM 10-500 K) single axle, spring-loaded pneumatic brake, supporting leg, drawbar, wings and lighting Permissible total weight: 9.000 kg Weight: approx. 1.100 kg Height of towing port: approx. 1000 mm Height of towing port: approx. 900 mm Height of towing port: approx. 620 mm Height of towing port: approx. 520 mm Attention: The PTO shaft Bondioli 1.486 mm must be ordered separate!	VA-04-408-00046 VA-04-408-00047 VA-04-408-00048 VA-04-408-00049
O	Chassis-single axle for crane installation 40 km/h single axle, spring-loaded pneumatic brake, supporting leg, drawbar, wings and lighting, for loading crane Palfinger Epsilon C45F67 and C45F84, crane console and piping, hydraulic oil support from the tractor Permissible total weight: 9.000 kg Weight: approx. 1.300 kg Height of towing port: approx. 1000 mm Height of towing port: approx. 900 mm Height of towing port: approx. 620 mm Height of towing port: approx. 520 mm Attention: The PTO shaft Bondioli 1.486 mm must be ordered separate!	VA-04-408-00016 VA-04-408-00017 VA-04-408-00018 VA-04-408-00019
Equipment chassis - tyres:		
X	Tyres 385/55 R22.5 up to 80 km/h, road tyres (unit price) Vehicle width: Chassis 40 km/h: HM 8-400 K: approx. 2,52 m HM 8/10-500 K und HM 14-800 K: approx. 2,65 m Chassis-single axle 40 km/h: HM 8-400 K: approx. 2,52 m HM 8/10-500 K: approx. 2,65 m Chassis-tandem 40/60 km/h: HM 10-500 K und HM 14-800 K: approx. 2,70 m	VA-04-408-00050
	Tyres 400/55 R22.5 up to 40 km/h, road tyres (unit price) Vehicle width: Chassis 40 km/h: HM 8-400 K: approx. 2,52 m HM 8/10-500 K und HM 14-800 K: approx. 2,65 m Chassis-single axle 40 km/h: not possible Chassis-tandem 40/60 km/h: HM 10-500 KTL und HM 14-800 K: approx. 2,70 m	VA-04-408-00051
X	Tyres 500/45 - 22.5 up to 40 km/h, off-road tyres (unit price) Vehicle width: Chassis 40 km/h: HM 8-400 KF: approx. 2,85 m HM 8/10-500 K und HM 14-800 K: approx. 2,85 m Chassis-single axle 40 km/h: not possible Chassis-tandem 40/60 km/h: HM 10-500 K und HM 14-800 K: approx. 2,98 m	VA-04-408-00052
	Tyres 560/45 R22.5 up to 60 km/h; Off-road tyres (unit price) Vehicle width: Chassis 40 km/h: HM 8-400 K: approx. 2,85 m HM 8/10-500 K und HM 14-800 K: approx. 2,85 m Chassis-single axle 40 km/h: HM 8-400 K und HM 8/10-500 K: approx. 2,85 m Chassis-tandem 40/60 km/h: HM 8-400 K und HM 8/10-500 K: approx. 2,98 m	VA-04-408-00053

X Equipment O Accessories

Equipment chassis - colour rims:		Article number
X	Colour white aluminium (silver) glossy RAL 9006 rim (extra charge per unit)	VA-04-304-00005
X	Colour yellow green glossy RAL 6018 rim	VA-04-304-00007
Equipment for chassis - wings:		
X	Wings for chassis painted for tyres 385/55 R 22.5 and 400/55 - 22.5 (set)	VA-04-408-00032
X	Wings for chassis galvanized for tyres 385/55 R 22.5 and 400/55 - 22.5 (extra charge, set)	VA-04-408-00033
X	Wings for chassis painted for tyres 500/45 - 22.5 and 560/45 R22.5 (set)	VA-04-408-00034
X	Wings for chassis galvanized for tyres 500/45 - 22.5 and 560/45 R22.5 (extra charge, set)	VA-04-408-00035
Equipment for chassis-single axle - wings:		
X	Wings for chassis-single axle painted for tyres 385/55 R 22.5 and 400/55 - 22.5 (set)	VA-04-408-00036
X	Wings for chassis-single axle galvanized for tyres 385/55 R 22.5 and 400/55 - 22.5 (extra charge, set)	VA-04-408-00037
X	Wings for chassis-single axle painted for tyres 500/45 - 22.5 and 560/45 R22.5 (set)	VA-04-408-00038
X	Wings for chassis-single axle galvanized for tyres 500/45 - 22.5 and 560/45 R22.5 (extra charge, set)	VA-04-408-00039
Equipment chassis - coupling point:		
X	Drawbar eye 40 mm, rigid 200 x 200 bolted	VB-90-039-00001
X	Drawbar eye 50 mm, rotatable 290 mm length 200 x 200 bolted (extra charge)	VB-90-039-00002
X	Drawbar eye 50 mm, rotatable 370 mm length Cuna F2; without street approval 200 x 200 bolted (extra charge)	VA-04-508-00025
X	Ball hitch K80 HM 500/800/860 160 x 160 bolted (extra charge)	VB-90-039-00003
Equipment chassis - compressed air connection:		
X	Compressed air connection automatic, drawbar side red and yellow (set)	VB-94-001-00001
X	Compressed air connection Duomatic, drawbar side connected at the compressed air tubes operating pressure max.: 10 bar nominal width: 9 mm	VB-94-001-00002

X Equipment O Accessories

Accessories wood chipping machines / chassis:		Article number
<input type="radio"/>	Exchange blades 94 x 50 x 5 mm (unit price) from 100 pieces from 200 pieces from 500 pieces from 1.000 pieces	VA-90-040-00001
<input type="radio"/>	Hydraulic connection Push-Pull system to rear of the chipper (unit price)	VA-04-408-00026
<input type="radio"/>	Drawbar extension 410 mm only for chassis-trailing axle 40 km/h; 200 x 200 mm bolted HM 8-400 K and HM 8-500 K with road approval Attention: The PTO Shaft Bondioli 1.900 mm must be ordered separate!	VA-04-508-00040
<input type="radio"/>	Biological hydraulic oil complete filling HM 300/400 (extra charge for complete filling)	VA-04-027-00001
<input type="radio"/>	Central lubrication for wood chipper HM 400/500/800/860 K not for chassis and crane	VA-04-510-00013
<input type="radio"/>	Special paint RAL HM 300/400 (extra charge per colour)	VA-04-027-00002
<input type="radio"/>	Manual torque multipliers 100 Nm - 2.000 Nm for loosen and tie up of the exchange blades holder; inclusive torque wrench 3/4" 80 Nm - 400 Nm, strength nut (opening width 36mm) and stable transport case Attention: Price not discountable	VA-89-001-00002
<input type="radio"/>	Commissioning at the customer within the sales area of Heizomat Germany Attention: Price not discountable	VA-89-001-00002
<input type="radio"/>	Automatic trailer coupling - maximum trailing load 8000 kg - only for tandem axle trailer	VB-90-040-00001
Equipment automatic trailer coupling-compressed air connection:		
<input checked="" type="checkbox"/>	Compressed air connection automatic, installed at the chassis only together with the automatic trailer coupling red and yellow (set)	VB-94-001-00003
<input checked="" type="checkbox"/>	Compressed air connection automatic Duomatic, installed at the chassis only together with the automatic trailer coupling operating pressure max.: 10 bar nominal width: 9 mm	VB-94-001-00004

X Equipment O Accessories

Accessories radio control:		Article number																								
O	<p>Radio control T60-1</p> <p>Functions:</p> <ul style="list-style-type: none"> - Raise/lower discharge chute - Right/left rotation of discharge chute - Raise/lower discharge flaps - Raise/lower of in-feed table <p>Consisting of: Hand-held transmitter: MIDI System T60 Receiver: Standard T60; 8 Relay outputs</p>	VB-04-024-00001																								
O	<p>Radio control T60-2</p> <p>Functions:</p> <ul style="list-style-type: none"> - Raise/lower ejector chute - Right/left rotation of ejector chute - Raise/lower ejector flaps - In-feed forward/reverse <p>ATTENTION: without speed adjustment of the pressure roller and conveyor belt</p> <p>Consisting of: Hand-held transmitter: MIDI System T60 Receiver: Standard T60; 8 Relay outputs</p>	VB-04-024-00002																								
Accessories loading crane HM 8-400 K:																										
O	<p>Palfinger Epsilon C45F67 single extender</p> <p>Inclusive:</p> <ul style="list-style-type: none"> - Rotator RB06F - Rotator joint for RB06F - two headlights - crane support for transport <p>Technical Details:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Lifting torque, gross:</td> <td style="text-align: right;">71,0 kNm</td> </tr> <tr> <td>Lifting torque, net:</td> <td style="text-align: right;">53,0 kNm</td> </tr> <tr> <td>Maximum range:</td> <td style="text-align: right;">6,70 m</td> </tr> <tr> <td>Lifting capacity at 4,0 m boom without grab:</td> <td style="text-align: right;">1.310 kg</td> </tr> <tr> <td>Lifting capacity for 6,0 m boom without grab:</td> <td style="text-align: right;">850 kg</td> </tr> <tr> <td>Boom swivel moment :</td> <td style="text-align: right;">14,0 Nm</td> </tr> <tr> <td>Swivel angle:</td> <td style="text-align: right;">340 degree</td> </tr> <tr> <td>Operating pressure set:</td> <td style="text-align: right;">170,0 bar</td> </tr> <tr> <td>Recommended discharge capacity:</td> <td style="text-align: right;">100 l/min</td> </tr> <tr> <td>Oil Supply:</td> <td style="text-align: right;">via tractor (LS)!</td> </tr> <tr> <td>Total Weight:</td> <td style="text-align: right;">1.020 kg (without Joint/Rotator)</td> </tr> </table>	Lifting torque, gross:	71,0 kNm	Lifting torque, net:	53,0 kNm	Maximum range:	6,70 m	Lifting capacity at 4,0 m boom without grab:	1.310 kg	Lifting capacity for 6,0 m boom without grab:	850 kg	Boom swivel moment :	14,0 Nm	Swivel angle:	340 degree	Operating pressure set:	170,0 bar	Recommended discharge capacity:	100 l/min	Oil Supply:	via tractor (LS)!	Total Weight:	1.020 kg (without Joint/Rotator)	VB-90-041-00001		
Lifting torque, gross:	71,0 kNm																									
Lifting torque, net:	53,0 kNm																									
Maximum range:	6,70 m																									
Lifting capacity at 4,0 m boom without grab:	1.310 kg																									
Lifting capacity for 6,0 m boom without grab:	850 kg																									
Boom swivel moment :	14,0 Nm																									
Swivel angle:	340 degree																									
Operating pressure set:	170,0 bar																									
Recommended discharge capacity:	100 l/min																									
Oil Supply:	via tractor (LS)!																									
Total Weight:	1.020 kg (without Joint/Rotator)																									
O	<p>Palfinger Epsilon C45F84 single extender</p> <p>Inclusive:</p> <ul style="list-style-type: none"> - Rotator RB06F - Rotator joint for RB06F - two headlights - crane support for transport <p>Technical Details:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Lifting torque, gross:</td> <td style="text-align: right;">71,0 kNm</td> </tr> <tr> <td>Lifting torque, net:</td> <td style="text-align: right;">51,0 kNm</td> </tr> <tr> <td>Maximum range:</td> <td style="text-align: right;">8,40 m</td> </tr> <tr> <td>Lifting capacity at 4,0 m boom without grab:</td> <td style="text-align: right;">1.250 kg</td> </tr> <tr> <td>Lifting capacity for 6,0 m boom without grab:</td> <td style="text-align: right;">850 kg</td> </tr> <tr> <td>Lifting capacity for 8,0 m boom without grab:</td> <td style="text-align: right;">580 kg</td> </tr> <tr> <td>Boom swivel moment :</td> <td style="text-align: right;">14,0 Nm</td> </tr> <tr> <td>Swivel angle:</td> <td style="text-align: right;">340 degree</td> </tr> <tr> <td>Operating pressure set:</td> <td style="text-align: right;">170,0 bar</td> </tr> <tr> <td>Recommended discharge capacity:</td> <td style="text-align: right;">100 l/min</td> </tr> <tr> <td>Oil Supply:</td> <td style="text-align: right;">via tractor (LS)!</td> </tr> <tr> <td>Total Weight:</td> <td style="text-align: right;">1.100 kg (without Joint/Rotator)</td> </tr> </table>	Lifting torque, gross:	71,0 kNm	Lifting torque, net:	51,0 kNm	Maximum range:	8,40 m	Lifting capacity at 4,0 m boom without grab:	1.250 kg	Lifting capacity for 6,0 m boom without grab:	850 kg	Lifting capacity for 8,0 m boom without grab:	580 kg	Boom swivel moment :	14,0 Nm	Swivel angle:	340 degree	Operating pressure set:	170,0 bar	Recommended discharge capacity:	100 l/min	Oil Supply:	via tractor (LS)!	Total Weight:	1.100 kg (without Joint/Rotator)	VA-90-036-00003
Lifting torque, gross:	71,0 kNm																									
Lifting torque, net:	51,0 kNm																									
Maximum range:	8,40 m																									
Lifting capacity at 4,0 m boom without grab:	1.250 kg																									
Lifting capacity for 6,0 m boom without grab:	850 kg																									
Lifting capacity for 8,0 m boom without grab:	580 kg																									
Boom swivel moment :	14,0 Nm																									
Swivel angle:	340 degree																									
Operating pressure set:	170,0 bar																									
Recommended discharge capacity:	100 l/min																									
Oil Supply:	via tractor (LS)!																									
Total Weight:	1.100 kg (without Joint/Rotator)																									

X Equipment O Accessories

Equipment loading crane - colour:		Article number
X	Colour traffic red glossy RAL 3020 loading crane	VA-04-408-00020
X	Colour yellow green glossy RAL 6018 loading crane (extra charge)	VA-04-408-00021

Equipment loading crane - energy log grab:		
X	Energy log grab Heizogreif HG 1000 4-finger grab Grab surface: 0,15 m ² Operating Pressure: 200 bar Weight: 125 kg Opening width max.: 1.021 mm Min. gripping diameter: 110 mm	VA-04-508-00046
X	Energy log grab Heizogreif HG 1250 4-finger grab Grab surface: 0,20 m ² Operating Pressure: 200 bar Weight: 185 kg Opening width max.: 1.321 mm Min. gripping diameter: 86 mm	VA-04-508-00021

Equipment loading crane - joysticks HM 8-400 K:		
X	Prof1 joystick control for crane with Danfoss Proportional Valves PVG 32/8 (6 proportional, 2 black and white, 8x on/off) Special Functions: - support legs extend and retract - Right/left rotation of ejector spout - Raise/lower ejector spout adjustment	VA-04-408-00024

Equipment loading crane - joystick installation HM 8-400 K:		
X	Joystick installation in the cab of the tractor incl. installation of the chipper control unit at the Heizomat factory Maicha Attention: Price not discountable	VA-89-001-00001

X Equipment O Accessories



HM 8-500 K Drum Wood Chipper

Machine exclusively for crane feeding



Technical Data and Equipment of the Wood Chipping Machine:

Infeed height:	800 mm
Trunk diameter:	500 mm
Infeed width:	708 mm
Rotor shaft diameter:	80 mm
Fly wheel mass:	1.000 kg
Exchangeable blades:	8 pieces
Drum diameter:	495 mm
Infeed:	<ul style="list-style-type: none">- conveyor belt; length 900 mm- top roller with steel teeth; diameter 800 mm- front end roller at the in-feed table- infeed table optionally with conveyor belt; length 900mm- length off the in-feed table 1.500 mm
Augers:	2 transversal augers
Ejector:	<ul style="list-style-type: none">- discharge chute hydraulically foldable, adjustable for height and rotatable; ejecting height max. 4,29 m; depending on chassis and tyres- discharge flaps hydraulically adjustment- LED Headlight at the ejector chute- wear plates at the blower housing, discharge chute and discharge flaps armoured
Controls:	<ul style="list-style-type: none">- automatic load-dependent infeed control with intergraded cycle mode- two day counters and one overall operating hours counter- infeed speeds infinitely variable- infeed direction reversible- remote control with 10 m cable and control panel for all functions
Colour:	<ul style="list-style-type: none">- yellow green silk matt RAL 1028- nova grey silk matt MB 7350
Drive:	- via PTO shaft and V belt transmission
Drive rpm:	max. 1.000 min ⁻¹
Drive performance:	max. permissible 170 kW / 230 HP



picture of HM 8-500 K with chassis 40 km /h



HM 8-500 K Drum Wood Chipper

Machine exclusively for crane feeding!



	Type of Wood Chipper	Weight without Chassis	Article number
X	HEIZOHACK HM 8-500 K	approx. 6.000 kg	VA-04-508-00047

Equipment sieve HM 8-500 K:			
X	HM 8-500 K 35/40 mm		VB-04-016-00018
X	HM 8-500 K 45/60 mm Hardox with stop bars (G30)		VB-04-016-00020
X	HM 8-500 K 60/80 mm Hardox with stop bars (G50)		VB-04-016-00021
X	HM 8-500 K 80/80 mm Hardox with stop bars		VB-04-016-00022
X	HM 8-500 K 100/100 mm Hardox with stiffeners		VB-04-016-00023

Equipment infeed table:			
X	Infeed table HM 8-500 K standard inclusive front end roller		VB-04-006-00001
X	Infeed table HM 8-500 K with conveyor belt inclusive front end roller (extra charge)		VB-04-006-00002

Equipment yoke tractor side:			
X	Yoke 6 spline 1 3/8" tractor side for type series SH		VB-90-038-00003
X	Yoke 6 spline 1 3/4" tractor side for type series SH		VB-90-038-00004
X	Yoke 20 spline 1 3/4" tractor side for type series SH (extra charge)		VB-90-038-00005
X	Yoke 21 spline 1 3/8" tractor side for type series SH (extra charge)		VB-90-038-00006

Equipment PTO shaft:			
X	PTO shaft Bondioli 886 mm type series SH; in combination with wood chipper without chassis		VB-90-038-00001
X	PTO shaft Bondioli 1.486 mm type series SH; in combination with wood chipper with chassis (extra charge)		VB-90-038-00002
X	PTO shaft Bondioli 1.900 mm type series SH; in combination with chassis-tandem 40/60 km/h without draw bar for crane unit or for drawbar extension 410 mm for chassis-trailing axle 40 km/h (extra charge)		VB-90-038-00009

Equipment yoke chipper side:			
X	Yoke with shear bolt 6 spline 1 3/4" chipper side for type series SH		VB-90-038-00007
X	Yoke with free wheel 6 spline 1 3/4" chipper side for type series SH (extra charge)		VB-90-038-00008

X Equipment O Accessories

Accessories chassis HM 8-500 K:		Article number
O	Chassis 40 km/h 500 mm trailing axle, spring-loaded pneumatic brake, supporting leg, drawbar, wings and lighting Permissible total weight: 9.000 kg Weight: approx. 1.000 kg Height of towing port: approx. 500 mm Attention: The PTO shaft Bondioli 1.486 mm must be ordered separate!	VB-04-022-00007
	Chassis-single axle no crane installation 40 km/h (HM 8-400 k, HM 8-500 K and HM 10-500 K) single axle, spring-loaded pneumatic brake, supporting leg, drawbar, wings and lighting Permissible total weight: 9.000 kg Weight: approx. 1.100 kg Height of towing port: approx. 1000 mm Height of towing port: approx. 900 mm Height of towing port: approx. 620 mm Height of towing port: approx. 520 mm Attention: The PTO shaft Bondioli 1.486 mm must be ordered separate!	VA-04-408-00046 VA-04-408-00047 VA-04-408-00048 VA-04-408-00049
O	Chassis-single axle for crane installation 40 km/h single axle, spring-loaded pneumatic brake, supporting leg, drawbar, wings and lighting, for loading crane Palfinger Epsilon C45F67 and C45F84, crane console and piping, hydraulic oil support from the tractor Permissible total weight: 9.000 kg Weight: approx. 1.300 kg Height of towing port: approx. 1000 mm Height of towing port: approx. 900 mm Height of towing port: approx. 620 mm Height of towing port: approx. 520 mm Attention: The PTO shaft Bondioli 1.486 mm must be ordered separate!	VA-04-408-00016 VA-04-408-00017 VA-04-408-00018 VA-04-408-00019
Equipment chassis - tyres:		
X	Tyres 385/55 R22.5 up to 80 km/h, road tyres (unit price) Vehicle width: Chassis 40 km/h: HM 8-400 K approx. 2,52 m HM 8/10-500 K und HM 14-800 K: approx. 2,65 m Chassis-single axle 40 km/h: HM 8-400 K: approx. 2,52 m HM 8/10-500 K: approx. 2,65 m Chassis-tandem 40/60 km/h: HM 10-500 K und HM 14-800 K: approx. 2,70 m	VA-04-408-00050
	Tyres 400/55 R22.5 up to 40 km/h, road tyres (unit price) Vehicle width: Chassis 40 km/h: HM 8-400 K: approx. 2,52 m HM 8/10-500 K und HM 14-800 K: approx. 2,65 m Chassis-single axle 40 km/h: not possible Chassis-tandem 40/60 km/h: HM 10-500 KTL und HM 14-800 K: approx. 2,70 m	VA-04-408-00051
	Tyres 500/45 - 22.5 up to 40 km/h, off-road tyres (unit price) Vehicle width: Chassis 40 km/h: HM 8-400 KF: approx. 2,85 m HM 8/10-500 K und HM 14-800 K: approx. 2,85 m Chassis-single axle 40 km/h: not possible Chassis-tandem 40/60 km/h: HM 10-500 K und HM 14-800 K: approx. 2,98 m	VA-04-408-00052
	Tyres 560/45 R22.5 up to 60 km/h; Off-road tyres (unit price) Vehicle width: Chassis 40 km/h: HM 8-400 K: approx. 2,85 m HM 8/10-500 K und HM 14-800 K: approx. 2,85 m Chassis-single axle 40 km/h: HM 8-400 K und HM 8/10-500 K: approx. 2,85 m Chassis-tandem 40/60 km/h: HM 8-400 K und HM 8/10-500 K: approx. 2,98 m	VA-04-408-00053

X Equipment O Accessories

Equipment chassis - colour rims:		Article number
X	Colour white aluminium (silver) glossy RAL 9006 rim (extra charge per unit)	VA-04-304-00005
X	Colour yellow green glossy RAL 6018 rim	VA-04-304-00007

Equipment for chassis - wings:		
X	Wings for chassis painted for tyres 385/55 R 22.5 and 400/55 - 22.5 (set)	VA-04-408-00032
X	Wings for chassis galvanized for tyres 385/55 R 22.5 and 400/55 - 22.5 (extra charge, set)	VA-04-408-00033
X	Wings for chassis painted for tyres 500/45 - 22.5 and 560/45 R22.5 (set)	VA-04-408-00034
X	Wings for chassis galvanized for tyres 500/45 - 22.5 and 560/45 R22.5 (extra charge, set)	VA-04-408-00035

Equipment for chassis-single axle - wings:		
X	Wings for chassis-single axle painted for tyres 385/55 R 22.5 and 400/55 - 22.5 (set)	VA-04-408-00036
X	Wings for chassis-single axle galvanized for tyres 385/55 R 22.5 and 400/55 - 22.5 (extra charge, set)	VA-04-408-00037
X	Wings for chassis-single axle painted for tyres 500/45 - 22.5 and 560/45 R22.5 (set)	VA-04-408-00038
X	Wings for chassis-single axle galvanized for tyres 500/45 - 22.5 and 560/45 R22.5 (extra charge, set)	VA-04-408-00039

Equipment chassis - coupling point:		
X	Drawbar eye 40 mm, rigid 200 x 200 bolted	VB-90-039-00001
X	Drawbar eye 50 mm, rotatable 290 mm length 200 x 200 bolted (extra charge)	VB-90-039-00002
X	Drawbar eye 50 mm, rotatable 370 mm length Cuna F2; without street approval 200 x 200 bolted (extra charge)	VA-04-508-00025
X	Ball hitch K80 HM 500/800/860 160 x 160 bolted (extra charge)	VB-90-039-00003

Equipment chassis - compressed air connection:		
X	Compressed air connection automatic, drawbar side red and yellow (set)	VB-94-001-00001
X	Compressed air connection Duomatic, drawbar side connected at the compressed air tubes operating pressure max.: 10 bar nominal width: 9 mm	VB-94-001-00002

X Equipment O Accessories

Accessories wood chipping machines / chassis HM 8-500 K:		Article number
O	Exchange blades 94 x 50 x 5 mm (unit price) from 100 pieces from 200 pieces from 500 pieces from 1.000 pieces	VA-90-040-00001
O	Hydraulic connection Push-Pull system to rear of the chipper (unit price)	VA-04-408-00026
O	Drawbar extension 410 mm only for chassis-trailing axle 40 km/h; 200 x 200 mm bolted HM 8-400 K and HM 8-500 K with road approval Attention: The PTO Shaft Bondioli 1.900 mm must be ordered separate!	VA-04-508-00040
O	Camera at the discharge chute with screen Typ Brigade	VB-97-009-00003
O	Camera at the discharge chute without screen Typ Brigade	VA-04-508-00012
O	Reversing camera with screen Brigade type	VB-97-009-00001
O	Camera at the discharge chute and camera for reversing with screen Brigade type	VB-97-009-00002
O	Deflector plate for discharge flap HM 500/800/860 for horizontal blowing, adjustable	VA-04-508-00039
O	Biological hydraulic oil complete filling HM 500/800/860 (extra charge for complete filling)	VA-04-027-00003
O	Central lubrication for wood chipper HM 400/500/800/860 K not for chassis and crane	VA-04-510-00013
O	Special paint RAL HM 500/800/860 (extra charge per colour)	VA-04-027-00004
O	Foot pedal for feed direction for reverse of all infeed elements	VB-04-024-00005
O	Foot pedal feed roller for raising/lowering the upper feed roller	VB-04-024-00007
O	Manual torque multipliers 100 Nm - 2.000 Nm for loosen and tie up of the exchange blades holder; inclusive torque wrench 3/4 " 80 Nm - 400 Nm, strength nut (opening width 36mm) and stable transport case Attention: Price not discountable	VA-89-001-00002
O	Commissioning at the customer within the sales area of Heizomat Germany Attention: Price not discountable	VA-89-001-00002
O	Automatic trailer coupling - maximum trailing load 8000 kg - only for tandem axle trailer	VB-90-040-00001
Equipment automatic trailer coupling-compressed air connection:		
X	Compressed air connection automatic, installed at the chassis only together with the automatic trailer coupling red and yellow (set)	VB-94-001-00003
X	Compressed air connection automatic Duomatic, installed at the chassis only together with the automatic trailer coupling operating pressure max.: 10 bar nominal width: 9 mm	VB-94-001-00004

X Equipment O Accessories

Accessories radio control:		Article number
O	Radio control T60-1 Functions: - Raise/lower discharge chute - Right/left rotation of discharge chute - Raise/lower discharge flaps - Raise/lower of in-feed table Consisting of: Hand-held transmitter: MIDI System T60 Receiver: Standard T60; 8 Relay outputs	VB-04-024-00001
	Radio control T60-2 Functions: - Raise/lower ejector chute - Right/left rotation of ejector chute - Raise/lower ejector flaps - In-feed forward/reverse ATTENTION: without speed adjustment of the pressure roller and conveyor belt Consisting of: Hand-held transmitter: MIDI System T60 Receiver: Standard T60; 8 Relay outputs	VB-04-024-00002
Accessories loading crane HM 8-400 K:		
O	Palfinger Epsilon C45F67 single extender Inclusive: <ul style="list-style-type: none"> - Rotator RB06F - Rotator joint for RB06F - two headlights - crane support for transport Technical Details: Lifting torque, gross: 71,0 kNm Lifting torque, net: 53,0 kNm Maximum range: 6,70 m Lifting capacity at 4,0 m boom without grab: 1.310 kg Lifting capacity for 6,0 m boom without grab: 850 kg Boom swivel moment : 14,0 Nm Swivel angle: 340 degree Operating pressure set: 170,0 bar Recommended discharge capacity: 100 l/min Oil Supply: via tractor (LS)! Total Weight: 1.020 kg (without Joint/Rotator)	VB-90-041-00001
	Palfinger Epsilon C45F84 single extender Inclusive: <ul style="list-style-type: none"> - Rotator RB06F - Rotator joint for RB06F - two headlights - crane support for transport Technical Details: Lifting torque, gross: 71,0 kNm Lifting torque, net: 51,0 kNm Maximum range: 8,40 m Lifting capacity at 4,0 m boom without grab: 1.250 kg Lifting capacity for 6,0 m boom without grab: 850 kg Lifting capacity for 8,0 m boom without grab: 580 kg Boom swivel moment : 14,0 Nm Swivel angle: 340 degree Operating pressure set: 170,0 bar Recommended discharge capacity: 100 l/min Oil Supply: via tractor (LS)! Total Weight: 1.100 kg (without Joint/Rotator)	VA-90-036-00003

X Equipment O Accessories

Equipment loading crane - colour:		Article number
X	Colour traffic red glossy RAL 3020 loading crane	VA-04-408-00020
X	Colour yellow green glossy RAL 6018 loading crane (extra charge)	VA-04-408-00021

Equipment loading crane - energy log grab:		
X	Energy log grab Heizogreif HG 1000 4-finger grab Grab surface: 0,15 m ² Operating Pressure: 200 bar Weight: 125 kg Opening width max.: 1.021 mm Min. gripping diameter: 110 mm	VA-04-508-00046
X	Energy log grab Heizogreif HG 1250 4-finger grab Grab surface: 0,20 m ² Operating Pressure: 200 bar Weight: 185 kg Opening width max.: 1.321 mm Min. gripping diameter: 86 mm	VA-04-508-00021

Equipment loading crane - joysticks HM 8-500 K:		
X	Prof1 joystick control for crane with Danfoss Proportional Valves PVG 32/8 (6 proportional, 2 black and white, 8x on/off) Special Functions: - support legs extend and retract - Right/left rotation of ejector spout - Raise/lower ejector spout adjustment	VA-04-408-00024

Equipment loading crane - joystick installation HM 8-500 K:		
X	Joystick installation in the cab of the tractor incl. installation of the chipper control unit at the Heizomat factory Maicha Attention: Price not discountable	VA-89-001-00001

X Equipment O Accessories



HM 10-500 K, HM 14-800 K, HM 14-860 K Drum Wood Chipper



Machine exclusively for crane feeding!

Technical Data of the Wood Chipping Machine:

	HM 10-500 K	HM 14-800 K	HM 14-860 K
Infeed height:	800 mm	800 mm	800 mm
Trunk diameter:	500 mm	500 mm	650 mm
Infeed width:	877 mm	1.215 mm	1.215 mm
Rotor shaft diameter:	100 mm	100 mm	100 mm
Exchangeable blades:	10 pieces	14 pieces	14 pieces
Drum diameter:	495 mm	495 mm	690 mm
Rotor cover with sieve:	optional	optional	series
Augers:	3	3	4
Ejecting height:	max. 4,66 m / max. 5,08 m		max. 5,33 m
Chassis 40 km/h:	available	available	not available
Tandem-chassis:	available	available	available
Cone splitter:	available	available	available
Quick exchangeable blades:	available	available	available
Chipper knives:	available	available	available
Infeed:	<ul style="list-style-type: none"> - conveyor belt; length 900 mm - top roller with steel teeth; diameter 800 mm - front end roller at the in-feed table - infeed table optionally with conveyor belt; length 900 mm - length off the infeed table 1.500 mm 		
Ejector:	<ul style="list-style-type: none"> - discharge chute hydraulically foldable, adjustable for height and rotatable; ejecting height depends on the chassis and tyres - discharge flaps hydraulically adjustment - LED headlight at the ejector chute - wear plates at the blower housing, discharge chute and discharge flaps armoured 		
Controls:	<ul style="list-style-type: none"> - automatic load-dependent feed control with intergraded cycle mode - two day counters and one overall operating hours counter - infeed speeds infinitely variable - infeed direction reversible - remote control with 10 m cable and control panel for all functions 		
Colour:	<ul style="list-style-type: none"> - yellow green silk matt RAL 1028 - nova grey silk matt MB 7350 		
Drive:	- via PTO shaft and V belt transmission		
Drive rpm:	max. 1.000 min-1		



HM 10-500 K Drum Wood Chipper

Machine exclusively for crane feeding!



	Type of Wood Chipper	Weight without Chassis	Article number
X	HEIZOHACK HM 10-500 K	approx. 6.500 kg	VA-04-510-00023

Equipment sieve wood chipper HM 10-500 K:		
X	HM 10-500 K 35/40 mm	VB-04-016-00024
X	HM 10-500 K 45/60 mm Hardox with stop bars (G30)	VB-04-016-00026
X	HM 10-500 K 60/80 mm Hardox with stop bars (G50)	VB-04-016-00027
X	HM 10-500 K 100/100 mm Hardox with stiffening	VB-04-016-00028

Equipment rotor cover HM 10-500 K:		
X	Rotor cover HM 10-500 K standard	VB-04-003-00001
X	Rotor cover HM 10-500 K for additional sieve Consist of: - Rotor cover for sieve - 2 Hydraulic cylinder - Hand pump - Hydraulic hoses (extra charge)	VB-04-003-00002
Equipment sieve - rotor cover HM 10-500 K:		
X	HM 10-500 K 45/60 mm Hardox with stop bars (G30)	VB-04-016-00034
X	HM 10-500 K 60/90 mm Hardox with stop bars	VB-04-016-00035

Equipment in-feed table HM 10-500 K:		
X	Infeed table HM 10-500 K standard inclusive front end roller	VB-04-006-00003
X	Infeed table HM 10-500 K with conveyor belt inclusive front end roller (extra charge)	VB-04-006-00004

Equipment counter knife HM 10-500 K:		
X	Counter knife HM 10-500 K multi-piece - Carrier plate for the counter knife - Comb for carrier plate counter knife - Counter knife exchange plate (extra charge)	VA-04-510-00024
X	Counter knife HM 10-500 K multi-piece hard metall plates - Carrier plate for the counter knife - Comb for carrier plate counter knife - Counter knife exchange plate with hard metal plates (extra charge)	VA-04-510-00002

X Equipment O Accessories



HM 14-800 K Drum Wood Chipper

Machine exclusively for crane feeding!



	Type of Wood Chipper	Weight without Chassis	Article number
X	HEIZOHACK HM 14-800 K	approx. 7.500 kg	VA-04-814-00048

Equipment sieve wood chipper HM 14-800 K:			
X	HM 14-800 K	35/40 mm	VB-04-016-00030
X	HM 14-800 K	45/60 mm Hardox with stop bars (G30)	VB-04-016-00032
X	HM 14-800 K	60/80 mm Hardox with stop bars (G50)	VB-04-016-00033
X	HM 14-800 K	100/100 mm Hardox with stiffeners	VB-04-016-00029

Equipment rotor cover HM 14-800 K:			
X	Rotor cover HM 14-800 K standard		VB-04-003-00003
X	Rotor cover HM 14-800 K for additional sieve Consist of: - Rotor cover for sieve - 2 Hydraulic cylinder - Hand pump - Hydraulic hoses (extra charge)		VB-04-003-00004
Equipment sieve - rotor cover HM 14-800 K:			
X	HM 14-800 K	45/60 mm Hardox with stop bars (G30)	VB-04-016-00036
X	HM 14-800 K	60/90 mm Hardox with stop bars	VB-04-016-00037

Equipment infeed table HM 14-800 K:			
X	Infeed table HM 14-800 K / HM 14-860 K standard inclusive front end roller		VB-04-006-00005
X	Infeed table HM 14-800 K / HM 14-860 K with conveyor belt inclusive front end roller (extra charge)		VB-04-006-00006

Equipment counter knife HM 14-800 K:			
X	Counter knife HM 14-800 K / HM 14-860 K multi-piece - Carrier plate for the counter knife - Comb for carrier plate counter knife - Counter knife exchange plate (extra charge)		VA-04-814-00052
X	Counter knife multi-piece HM 14-800 K / HM 14-860 K hard metall plates - Carrier plate for the counter knife - Comb for carrier plate counter knife - Counter knife exchange plate with hard metal plates (extra charge)		VA-04-510-00003

X Equipment O Accessories



HM 14-860 K Drum Wood Chipper

Machine exclusively for crane feeding!



	Type of Wood Chipper	Weight without Chassis	Article number
X	HEIZOHACK HM 14-860 K	ca. 8.500 kg	VA-04-814-00049

Equipment sieve wood chipper HM 14-860 K two-part:			
X	HM 14-860 K 45/50 mm Hardox with stop bars (G30) Set		VA-04-814-00018
X	HM 14-860 K 60/75 mm Hardox with stop bars (G50) Set		VA-04-814-00002
X	HM 14-860 K 75/80 mm Hardox with stop bars Set		VA-04-814-00029
X	HM 14-860 K 100/100 mm Hardox with stiffeners Set		VA-04-814-00003

Equipment sieve rotor cover HM 14-860 K two-part:			
X	HM 14-860 K 45/60 mm with stop bars (G30) Set		VA-04-814-00004
X	HM 14-860 K 60/80 mm with stop bars (G50) Set		VA-04-814-00005

Equipment infeed table HM 14-860 K:			
X	Infeed table HM 14-800 K / HM 14-860 K standard inclusive front end roller		VB-04-006-00005
X	Infeed table HM 14-800 K / HM 14-860 K with conveyor belt inclusive front end roller (extra charge)		VB-04-006-00006

Equipment counter knife HM 14-860 K:			
X	Counter knife HM 14-800 K / HM 14-860 K multi-piece - Carrier plate for the counter knife - Comb for carrier plate counter knife - Counter knife exchange plate (extra charge)		VA-04-814-00052
X	Counter knife multi-piece HM 14-800 K / HM 14-860 K hard metall plates - Carrier plate for the counter knife - Comb for carrier plate counter knife - Counter knife exchange plate with hard metal plates (extra charge)		VA-04-510-00003

X Equipment O Accessories

Equipment yoke tractor side:		Article number
X	Yoke 6 spline 1 3/8" tractor side for type series SH	VB-90-038-00003
X	Yoke 6 spline 1 3/4" tractor side for type series SH	VB-90-038-00004
X	Yoke 20 spline 1 3/4" tractor side for type series SH (extra charge)	VB-90-038-00005
X	Yoke 21 spline 1 3/8" tractor side for type series SH (extra charge)	VB-90-038-00006

Equipment PTO shaft:		
X	PTO shaft Bondioli 886 mm type series SH; in combination with wood chipper without chassis	VB-90-038-00001
X	PTO shaft Bondioli 1.486 mm type series SH; in combination with wood chipper with chassis (extra charge)	VB-90-038-00002
X	PTO shaft Bondioli 1.900 mm type series SH; in combination with chassis-tandem 40/60 km/h without draw bar for crane unit or for drawbar extension 410 mm for chassis-trailing axle 40 km/h (extra charge)	VB-90-038-00009

Equipment yoke chipper side:		
X	Yoke with shear bolt 6 spline 1 3/4" chipper side for type series SH	VB-90-038-00007
X	Yoke with free wheel 6 spline 1 3/4" chipper side for type series SH (extra charge)	VB-90-038-00008

PTO tandem chassis HM 14-860 KTL:		
X	PTO shaft Bondioli 1.486 mm with yoke 6 spline 1 3/4" tractor side type series S0; in combination with chassis-tandem 60/80 km/h HM 14-860 KTL; incl. free wheel (extra charge)	VA-90-021-00001
X	PTO shaft Bondioli 1.486 mm with yoke 20 spline 1 3/4" tractor side type series S0; in combination with chassis-tandem 60/80 km/h HM 14-860 KTL; incl. free wheel (extra charge)	VA-90-021-00002

X Equipment O Accessories

Accessoires chassis HM 10-500 K / HM 14-800 K:		Article number
<input type="radio"/>	<p>Chassis 40 km/h 500 mm trailing axle, spring-loaded pneumatic brake, supporting leg, drawbar, wings and lighting</p> <p>Permissible total weight: 9.000 kg Weight: approx. 1.000 kg Height of towing port: approx. 500 mm</p> <p>Attention: The PTO shaft Bondioli 1.486 mm must be ordered separate!</p>	VB-04-022-00007
Accessoires chassis HM 10-500 K:		
<input type="radio"/>	<p>Chassis-single axle no crane installation 40 km/h (HM 8-400 k, HM 8-500 K and HM 10-500 K) single axle, spring-loaded pneumatic brake, supporting leg, drawbar, wings and lighting</p> <p>Permissible total weight: 9.000 kg Weight: approx. 1.100 kg</p> <p>Height of towing port: approx. 1000 mm Height of towing port: approx. 900 mm Height of towing port: approx. 620 mm Height of towing port: approx. 520 mm</p> <p>Attention: The PTO shaft Bondioli 1.486 mm must be ordered separate!</p>	<p>VA-04-408-00046 VA-04-408-00047 VA-04-408-00048 VA-04-408-00049</p>
Accessories tandem chassis HM 10-500 KT / HM 14-800 KT:		
<input type="radio"/>	<p>Chassis-tandem 40/60 km/h with short drawbar (permissible speed dependent on the tyres) two axles, braking system with diaphragm cylinder, PTO, supporting leg, drawbar, wings and lighting</p> <p>Permissible total weight: 15.000 kg Weight: approx. 3.700 kg</p> <p>Height of towing port: approx. 1.000 mm Height of towing port: approx. 720 mm Height of towing port: approx. 650 mm Height of towing port: approx. 500 mm</p> <p>Attention: The PTO Shaft Bondioli 1.900 mm must be ordered separate!</p>	<p>VB-04-022-00012 VA-04-510-00006 VA-04-510-00007 VB-04-022-00013</p>
Accessories tandem chassis HM 10-500 KTL / HM 14-800 KTL:		
<input type="radio"/>	<p>Chassis-tandem 40/60 km/h with long draw bar for crane mounting (permissible speed dependent on the tyres) two axles, braking system with diaphragm cylinder, PTO, supporting leg, drawbar, wings and lighting</p> <p>Permissible total weight: 15000 kg Weight: approx. 4400 kg</p> <p>Height of towing port: approx. 1.000 mm Height of towing port: approx. 720 mm Height of towing port: approx. 650 mm Height of towing port: approx. 500 mm</p> <p>Attention: The PTO Shaft Bondioli 1.486 mm must be ordered separate!</p>	<p>VB-04-022-00014 VA-04-510-00008 VA-04-510-00009 VB-04-022-00015</p>
Accessories tandem chassis HM 14-860 KTL:		
<input type="radio"/>	<p>Chassis-tandem 60/80 km/h HM 14-860 KTL for crane mounting for crane mounting; with long drawbar (permissible speed dependent on the tyres) two axles, braking system with diaphragm cylinder, PTO, supporting leg, drawbar, wings and lighting</p> <p>Permissible total weight: 18.000 kg</p> <p>Height of towing port: approx. 1.000 mm Height of towing port: approx. 670 mm Height of towing port: approx. 620 mm Height of towing port: approx. 560 mm</p> <p>Attention: The PTO Shaft Bondioli 1.486 mm must be ordered separate!</p>	<p>VA-04-814-00013 VA-04-814-00014 VA-04-814-00015 VA-04-814-00016</p>

X Equipment Accessories

Equipment for chassis - wings:		Article number
X	Wings for chassis painted for tyres 385/55 R 22.5 and 400/55 - 22.5 (set)	VA-04-408-00032
X	Wings for chassis galvanized for tyres 385/55 R 22.5 and 400/55 - 22.5 (extra charge, set)	VA-04-408-00033
X	Wings for chassis painted for tyres 500/45 - 22.5 and 560/45 R22.5 (set)	VA-04-408-00034
X	Wings for chassis galvanized for tyres 500/45 - 22.5 and 560/45 R22.5 (extra charge, set)	VA-04-408-00035

Equipment for chassis-single axle - wings:		
X	Wings for chassis-single axle painted for tyres 385/55 R 22.5 and 400/55 - 22.5 (set)	VA-04-408-00036
X	Wings for chassis-single axle galvanized for tyres 385/55 R 22.5 and 400/55 - 22.5 (extra charge, set)	VA-04-408-00037
X	Wings for chassis-single axle painted for tyres 500/45 - 22.5 and 560/45 R22.5 (set)	VA-04-408-00038
X	Wings for chassis-single axle galvanized for tyres 500/45 - 22.5 and 560/45 R22.5 (extra charge, set)	VA-04-408-00039

Equipment chassis-tandem-wings:		
X	Wings for chassis-tandem painted for tyres 385/55 R22.5 and 400/55 - 22.5 (set)	VA-04-510-00018
X	Wings for chassis-tandem painted galvanized for tyres 385/55 R22.5 and 400/55 - 22.5 (extra charge, set)	VA-04-510-00019
X	Wings for chassis-tandem painted for tyres 500/45 - 22.5 and 560/45 R22.5 (set)	VA-04-510-00020
X	Wings for chassis-tandem painted galvanized for tyres 500/45 - 22.5 and 560/45 R22.5 (extra charge, set)	VA-04-510-00021
X	Wings for chassis-tandem painted for tyres 600/50 R22.5 (set)	VA-04-814-00038
X	Wings for chassis-tandem painted galvanized for tyres 600/50 R22.5 (extra charge, set)	VA-04-814-00039

X Equipment O Accessories

Equipment chassis - coupling point:		Article number
X	Drawbar eye 40 mm, rigid 200 x 200 bolted	VB-90-039-00001
X	Drawbar eye 50 mm, rotatable 290 mm length 200 x 200 bolted (extra charge)	VB-90-039-00002
X	Drawbar eye 50 mm, rotatable 370 mm length Cuna F2; without street approval 200 x 200 bolted (extra charge)	VA-04-508-00025
X	Ball hitch K80 HM 500/800/860 160 x 160 bolted (extra charge)	VB-90-039-00003

Equipment chassis - compressed air connection:		
X	Compressed air connection automatic, trailer side red and yellow (set)	VB-94-001-00001
X	Compressed air connection Duomatic, trailer side connected at the compressed air tubes operating pressure max.: 10 bar nominal width: 9 mm	VB-94-001-00002

X Equipment O Accessories

Accessories wood chipping machines / chassis:		Article number
<input type="radio"/>	Exchange blades 94 x 50 x 5 mm (unit price) from 100 pieces from 200 pieces from 500 pieces from 1.000 pieces	VA-90-040-00001
<input type="radio"/>	Chipper knife for rotor with 2 clamping screws 100 x 140 x 18 mm (unit price)	VA-90-040-00002
<input type="radio"/>	Hydraulic connection Push-Pull system to rear of the chipper (unit price)	VA-04-408-00026
<input type="radio"/>	Camera at the ejector spout with screen Typ Brigade	VB-97-009-00003
<input type="radio"/>	Camera at the ejector spout without screen Typ Brigade	VA-04-508-00012
<input type="radio"/>	Reversing camera with screen Brigade type	VB-97-009-00001
<input type="radio"/>	Camera at the ejector spout and camera for reversing with screen Brigade type	VB-97-009-00002
<input type="radio"/>	Discharging chute telescopic HM 500/800/860 700 mm telescopic, not HM 8-500 K (extra charge)	VA-04-510-00012
<input type="radio"/>	Deflector plate for discharge flap HM 500/800/860 for horizontal blowing, adjustable	VA-04-508-00039
<input type="radio"/>	Cyclone for discharging chute HM 500/800/860 not HM 8-500 K	VA-04-510-00011
<input type="radio"/>	Biological hydraulic oil complete filling HM 500/800/860 (extra charge for complete filling)	VA-04-027-00003
<input type="radio"/>	Central lubrication for wood chipper HM 400/500/800/860 K not for chassis and crane	VA-04-510-00013
<input type="radio"/>	Special paint RAL HM 500/800/860 (extra charge per colour)	VA-04-027-00004
<input type="radio"/>	Foot pedal for feed direction for reverse of all feed elements	VB-04-024-00005
<input type="radio"/>	Foot pedal feed roller for raising/lowering the upper feed roller	VB-04-024-00007
<input type="radio"/>	Manual torque multipliers 100 Nm - 2.000 Nm for loosen and tie up of the exchange blades holder; inclusive torque wrench 3/4 " 80 Nm - 400 Nm, strength nut (opening width 36mm) and stable transport case <u>Attention:</u> Price not discountable	VA-89-001-00002
<input type="radio"/>	Commissioning at the customer within the sales area of Heizomat Germany <u>Attention:</u> Price not discountable	VA-89-001-00002
<input type="radio"/>	Automatic trailer coupling - maximum trailing load 8000 kg - only for tandem axle trailer	VB-90-040-00001
Equipment automatic trailer coupling-compressed air connection:		
<input checked="" type="checkbox"/>	Compressed air connection automatic, installed at the chassis only together with the automatic trailer coupling red and yellow (set)	VB-94-001-00003
<input checked="" type="checkbox"/>	Compressed air connection automatic Duomatic, installed at the chassis only together with the automatic trailer coupling operating pressure max.: 10 bar nominal width: 9 mm	VB-94-001-00004

X Equipment O Accessories

Accessories wood splitter HM 10-500 KTL / HM 14-800 KTL / HM 14-860 KTL:		Article number
<p>Cone splitter Heizomat 3-motors</p> <p>Only together with: chassis-tandem 40/60 km/h with draw bar for crane unit or HM 14-800 KL</p> <p>O Technical details:</p> <p>Drive: 3- motoring Own weight: 350 kg Ball diameter: 370 mm Necessary oil volume: 100-200 l/min Necessary oil pressure: 200-240 bar</p>		VB-04-028-00001

Accessories radio control:		
<p>Radio control T60-1</p> <p>Functions:</p> <ul style="list-style-type: none"> - Raise/lower discharge chute - Right/left rotation of discharge chute - Raise/lower discharge flaps <p>O</p> <ul style="list-style-type: none"> - Raise/lower of in-feed table <p>Consisting of: Hand-held transmitter: MIDI System T60 Receiver: Standard T60; 8 Relay outputs</p>		VB-04-024-00001
<p>Radio control T60-2</p> <p>Functions:</p> <ul style="list-style-type: none"> - Raise/lower discharge chute - Right/left rotation of discharge chute - Raise/lower discharge flaps <p>O</p> <ul style="list-style-type: none"> - In-feed forward/reverse <p>ATTENTION: without speed adjustment of the pressure roller and conveyor belt</p> <p>Consisting of: Hand-held transmitter: MIDI System T60 Receiver: Standard T60; 8 Relay outputs</p>		VB-04-024-00002

X Equipment O Accessories

Loading crane HM 10-500 KTL / HM 14-800 KTL / HM 14-860 KTL:		Article number
O	<p>Palfinger Epsilon C60F86 double crane extender</p> <p>Only together with: - Chassis-tandem 40/60 km/h with draw bar for crane unit - Crane console for crane set-up - Hydraulically foldable or extendable support legs</p> <p>Crane Accessories Required: see under Crane Accessories</p> <p>Inclusive:</p> <ul style="list-style-type: none"> - Rotator RB06F - Rotator shaft for RB06F, with swing brake - two headlights - crane support for transport <p>Technical Details:</p> <p>Lifting torque, gross: 82,0 kNm Lifting torque, net: 61,0 kNm Maximum range: 8,60 m Lifting capacity at 4,0 m boom without grab: 1.510 kg Lifting capacity for 8,0 m boom without grab: 720 kg Boom swivel moment (netto): 20,0 kNm Swivel angle: 425 degree Operating pressure set: 200,0 bar Recommended discharge capacity: 120 l/min Oil Supply: via tractor (LS)! Total Weight: 1.170 kg (without Joint/Rotator)</p>	VB-90-041-00002
O	<p>Loading crane Palfinger Epsilon M70F101 double crane extender</p> <p>Only together with: - Chassis-tandem 40/60 km/h with draw bar for crane unit - Crane console for crane set-up - Hydraulically extendable support legs</p> <p>Inclusive:</p> <ul style="list-style-type: none"> - Rotator G121 - Rotator joint for G121, with swing brake - Reversing camera with screen - two support legs at the rear of the chassis - four headlights - crane support for transport <p>Technical Details:</p> <p>Lifting torque, gross: 102,0 kNm Lifting torque, net: 65,0 kNm Maximum range: 10,10 m Lifting capacity for 4,0 m boom without grab: 1.610 kg Lifting capacity for 8,0 m boom without grab: 760 kg Lifting capacity for 10,0 m boom without grab: 540 kg Boom swivel moment (netto): 26,0 kNm Swivel angle: 385 degree Operating pressure set: 215,0 bar Recommended discharge capacity: 130 l/min Oil Supply: via tractor (LS)! Total Weight: 1.730 kg (without Joint/Rotator)</p>	VB-90-041-00004

Equipment loading crane - colour:		
X	Colour traffic red glossy RAL 3020 loading crane	VA-04-408-00020
X	Colour yellow green glossy RAL 6018 loading crane (extra charge)	VA-04-408-00021

X Equipment O Accessories

Equipment loading crane - energy log grab:		Article number
X	Energy log grab Heizogreif HG 1250 4-finger grab Grab surface: 0,20 m ² Operating Pressure: 200 bar Weight: 185 kg Opening width max.: 1.321 mm Min. gripping diameter: 86 mm	VA-04-508-00021
X	Energy log grab Hultdins Super Grip II 260 R 4-finger grab Grab surface: 0,26 m ² Operating Pressure: 250 bar Weight: 198 kg Opening width max.: 1.525 mm Min. gripping diameter: 90 mm	VB-90-041-00006
Equipment loading crane - support legs:		
X	Support legs hydraulically extendable; Epsilon C60F86 and M70F101 only together with tandem-chassis with draw bar for crane unit including crane console and piping; hydraulic oil support from the tractor	VA-04-510-00017
Equipment loading crane - joysticks:		
X	Prof1 joystick control for crane with Danfoss Proportional Valves PVG 32/8 (6 proportional, 2 black and white, 8x on/off) Special Functions: - Raise/lower ejector spout - Right/left rotation of ejector spout - Raise/lower ejector spout adjustment - Raise/lower of in feed table	VB-04-024-00004
Equipment loading crane - joystick installation:		
X	Joystick installation in the cab of the tractor incl. installation of the chipper control unit at the Heizomat factory Maicha Attention: Price not discountable	VA-89-001-00001

X Equipment O Accessories



HM 14-800 KL Drum Wood Chipper

Machine exclusively for crane feeding!



Powerful professional Wood Chipper set up on a Mercedes Benz



With the HM 14-800 KL, **Heizomat** offers a special designed powerful and professional wood chipper, set up on a 450 HP Mercedes Benz AROCS 3345 AK Euro 6 with 6x6 wheel drive.

All functions are to be operated directly from the air-conditioned driver cabin.

In addition, the supplementary functions, such as in-feed table, ejector spout swivel and rotation and also the ejector flap can be controlled by remote control. This is among other things particularly helpful in the filling of containers by a second man. Notice the danger zone!

The powerful wood feed is achieved by a pressure roller, a conveyor belt, a front end in-feed roller at the end of the in-feed table and additionally by a conveyor belt integrated into the in-feed table. All feed devices are hydraulically driven.

The rotor drive is undertaken via a highly elastic V belt transmission unit, which is driven by the load carrying gearbox-independent supplementary drive (NMV) with maximum motor torque of the Mercedes Benz AROCS.

The HEIZOMAT lorry chipper has a Palfinger Epsilon M80F101 loading crane.

Technical Details of the Wood Chipping Machine: HM 14-880 KL

- Infeed height: 800 mm
Drum diameter: 500 mm
Infeed width: 1215 mm
Rotor shaft diameter: 100 mm
Exchangeable blades: 14 pieces
Drum diameter: 495 mm
Counter blade: multi piece hard metal plates
Rotor cover: for additional sieve
Augers: 3 transversal auger
- Infeed: - conveyor belt; length 900 mm
 - top roller with steel teeth; diameter 800 mm
 - front end roller at the infeed table
 - infeed table with conveyor belt; length 900mm
 - length of the in-feed table 1500 mm
- Ejector: - discharge chute hydraulically foldable, adjustable for height and rotatable
 - hydraulic discharge flaps adjustment
 - 3 ejection paddles
 - ejecting height maximum approx. 5,30 m
 - wear plates at the discharge chute, discharge flaps and
 blower housing armoured
- Controls: - remote Control in the driver's cabin, with control panel for all functions of
 the wood chipping machine
 - automatic load-dependent infeed control with intergraded cycle mode
 - two-day counters and one overall operating hours counter
 - infeed speeds infinitely variable
 - infeed direction reversible
 - Radio control T60-1 for raising/lowering discharge chute,
 discharge chute rotation right/left, raising/lowering discharge flaps,
 raising/lowering infeed table
 - Foot pedal pressure roller; for raising/lowering the pressure roller
 - Foot pedal of infeed movements backwards; for reversing the rotation
 movement of all feed devices
 - camera for reversing at the rear of the vehicle and camera on
 discharge chute; Monitor in the driver cabin; Brigade type
- Colour of the chipper: - yellow green silk matt RAL 1028
 - nova grey silk matt MB 7350
- Drive of the wood chipper: high speed direct drive from the lorry engine (NMV) via cardan shaft and
 highly elastic V-belt transmission unit

- Accessories:
- LED headlight 1 x on the discharger chute
 - reversing light LED, 2 pieces
 - automatic trailer coupling: Ringfeder; bolt diameter 40 mm
 - hydraulic connection engine-fixed at the rear:
 - 2 double-acting hydraulic connections for using of the hydraulic system during driving
 - 4 hydraulic support legs
 - compressed air hose reels
- Operator cabin:
- **glazing of the operator pane: safety glass pane**
Extreme puncture protection against chain shots, trunks of trunks and breakage.
Perfect view with thermally coated sun protection surface.
 - windshield wipers with cleaner at the operator place screen
 - electrical lockable, ventilated operator seat inside the cabin;
no passenger seat any longer
 - lighting package LED: LED headlight 4 x on the driver's cabin;
light bar on the driver's cab front and on the side of the rear of the driver's cab
 - round yellow light on the driver's cab 12 V
 - front flash Heizohack, 2 pieces
 - pressurized air horn
 - fire extinguisher

Technical details of the Crane Set-up:

Palfinger Epsilon M80F101

Lifting torque gross:	114,0 kNm
Lifting torque net:	75,0 kNm
Maximum range:	10,10 m
Lifting capacity at 10,00 m without boom and gripper:	660 kg
Extender swivel torque (net):	29,0 kNm
Swivel angle:	385 degree
Total Weight:	1760 kg (without Joint / Rotator)
Rotator:	Indexator with pendular brake
Colour:	traffic red RAL 3020
Light:	four headlight
Controls:	joystick control unit Prof1 with additional functions

Technical details Energy Wood Gripper: Heizogreif HG 1250; 4-Finger grab

Grab Surface:	0,18 m ²
Operating Pressure:	230 bar
Force of Pressure:	15,3 kN
Weight:	160 kg

Technische details of the Lorry:

Mercedes- Benz AROCS	3345 AK 6X6
Drive Power:	375 kW / 510 PS
Capacity:	12809 cm ³
Lorry engine rpm:	1.300 - 1.600 rpm
Exhaust standard:	Euro 6
Tank capacity:	500 litre
Track:	2,00 m
Wheelbase:	4,20 m
Width:	2,55 m
Length:	8,10 m
Height:	3,95 m
Tyres:	front Axle 385/65 R22.5 rear Axle 315/80 R22.5
Colour of the lorry:	yellow green silk matt RAL 1028 nova grey silk matt MB 7350
Cooling of the engine:	reversible fan for engine cooling system with increased performance



HM 14-800 KL

Drum Wood Chipper

Machine exclusively for crane feeding!



	Type of Wood Chipper	Total weight	Article number
X	HEIZOHACK HM 14-800 KL AROCS 3345 AK 6X6	approx. 24.500 kg	VA-04-814-00051

Accessories sieve wood chipper HM 14-800 K:			
X	HM 14-800 K	35/40 mm	VB-04-016-00030
X	HM 14-800 K	45/60 mm Hardox with stop bars (G30)	VB-04-016-00032
X	HM 14-800 K	60/80 mm Hardox with stop bars (G50)	VB-04-016-00033
X	HM 14-800 K	100/100 mm Hardox with stiffeners	VB-04-016-00029

Equipment sieve - rotor cover:			
X	HM 14-800 K	45/60 mm Hardox with stop bars	VB-04-016-00036
X	HM 14-800 K	60/90 mm Hardox with stop bars	VB-04-016-00037

Accessories wood chipping HM 14-800 KL:			
O	Exchange blades 94 x 50 x 5 mm (unit price)		VA-90-040-00001
	from 100 pieces		
	from 200 pieces		
	from 500 pieces		
	from 1.000 pieces		
O	Discharging chute telescopic HM 500/800/860 700 mm telescopic, not HM 8-500 K (extra charge)		VA-04-510-00012
O	Cyclone for discharging chute HM 500/800/860 not HM 8-500 K		VA-04-510-00011
O	Deflector plate for discharge flap HM 500/800/860 for horizontal blowing, adjustable		VA-04-508-00039
O	Biological hydraulic oil complete filling HM 14-860 KL (extra charge for complete filling)		VA-04-814-00045
O	Central lubrication for wood chipper HM 800/860 KL not for chassis or crane		VA-04-814-00050
O	Special paint RAL HM 500/800/860 (extra charge per colour)		VA-04-027-00004
O	Manual torque multipliers 100 Nm - 2.000 Nm for loosen and tie up of the exchange blades holder; inclusive torque wrench 3/4" 80 Nm - 400 Nm, strength nut (opening width 36mm) and stable transport case <u>Attention:</u> Price not discountable		VA-89-001-00002
O	Commissioning at the customer within the sales area of Heizomat Germany <u>Attention:</u> Price not discountable		VA-89-001-00002

X Equipment O Accessories

Accessories wood splitter:		Article number
O	Cone splitter Heizomat 3-motors incl. upweighting of the truck to 27.000 kg total weight, if necessary Technical details: Drive: 3- motoring Own weight: 350 kg Ball diameter: 370 mm Necessary oil volume: 100-200 l/min Necessary oil pressure: 200-240 bar	VB-04-028-00001

Equipment loading crane - colour:		
X	Colour traffic red glossy RAL 3020 loading crane	VA-04-408-00020
X	Colour yellow green glossy RAL 6018 loading crane (extra charge)	VA-04-408-00021

Equipment Mercedes AROCS:		
O	Operator place - driving system - operated by joystick - fixed speed - incl. road approval	VA-04-814-00042
O	Tire front axle Michelin XZL 445/65 R 22.5 168J Rim 13.00x22.5 ET-120 (unit price)	VA-04-814-00040
O	Tire rear axle Alliance MPT 382 600/50 R22.5 164J Rim 20.00x22.5 ET-50 (unit price)	VA-04-814-00041

X Equipment O Accessories

Information:

By placing an order of a HM 14-800 KL you have to pay 30% of the total amount as prepayment with the order.



HM 14-860 KL Drum Wood Chipper

Machine exclusively for crane feeding!



Powerful professional Wood Chipper set up on a Mercedes Benz



With the HM 14-860 KL, **Heizomat** offers a special designed powerful and professional wood chipper, set up on a 530 HP Mercedes Benz AROCS 3353 AK Euro 6 with 6x6 wheel drive.

All functions are to be operated directly from the air-conditioned driver cabin.

In addition, the supplementary functions, such as in-feed table, ejector spout swivel and rotation and also the ejector flap can be controlled by remote control. This is among other things particularly helpful in the filling of containers by a second man. Notice the danger zone!

The powerful wood feed is achieved by a pressure roller, a conveyor belt, a front end in-feed roller at the end of the in-feed table and additionally by a conveyor belt integrated into the in-feed table. All feed devices are hydraulically driven.

The rotor drive is undertaken via a highly elastic V belt transmission unit, which is driven by the load carrying gearbox-independent supplementary drive (NMV) with maximum motor torque of the Mercedes Benz AROCS.

The HEIZOMAT lorry chipper has a Palfinger Epsilon loading crane S110F101.

Technical Details of the Wood Chipping Machine: HM 14-860 KL

- Infeed height: 800 mm
Drum diameter: 650 mm
Infeed width: 1215 mm
Rotor shaft diameter: 100 mm
Exchangeable blades: 14 pieces
Drum diameter: 690 mm
Counter blade: multi piece hard metal plates
Rotor cover: for additional sieve
Augers: 4 transversal auger
- Infeed:
- conveyor belt; length 900 mm
 - top roller with steel teeth; diameter 800 mm
 - front end roller at the infeed table
 - infeed table with conveyor belt; length 900mm
 - length of the in-feed table 1500 mm
- Ejector:
- discharge chute hydraulically foldable, adjustable for height and rotatable
 - hydraulic discharge flaps adjustment
 - 6 ejection paddles
 - ejecting height maximum approx. 5,30 m
 - wear plates at the discharge chute, discharge flaps and blower housing armoured
- Controls:
- remote Control in the driver's cabin, with control panel for all functions of the wood chipping machine
 - automatic load-dependent infeed control with intergraded cycle mode
 - two-day counters and one overall operating hours counter
 - infeed speeds infinitely variable
 - infeed direction reversible
 - Radio control T60-1 for raising/lowering discharge chute, discharge chute rotation right/left, raising/lowering discharge flaps, raising/lowering infeed table
 - Foot pedal pressure roller; for raising/lowering the pressure roller
 - Foot pedal of infeed movements backwards; for reversing the rotation movement of all feed devices
 - camera for reversing at the rear of the vehicle and camera on discharge chute; Monitor in the driver cabin; Brigade type
- Colour of the chipper:
- yellow green silk matt RAL 1028
 - nova grey silk matt MB 7350
- Drive of the wood chipper: high speed direct drive from the lorry engine (NMV) via cardan shaft and highly elastic V-belt transmission unit

- Accessories:
- LED headlight 1 x on the discharger chute
 - reversing light LED, 2 pieces
 - automatic trailer coupling: Ringfeder; bolt diameter 40 mm
 - hydraulic connection engine-fixed at the rear:
 - 2 double-acting hydraulic connections for using of the hydraulic system during driving
 - 4 hydraulic support legs
 - compressed air hose reels
- Operator cabin:
- **glazing of the operator pane: safety glass pane**
Extreme puncture protection against chain shots, trunks of trunks and breakage.
Perfect view with thermally coated sun protection surface.
 - windshield wipers with cleaner at the operator place screen
 - electrical lockable, ventilated operator seat inside the cabin;
no passenger seat any longer
 - lighting package LED: LED headlight 4 x on the driver's cabin;
light bar on the driver's cab front and on the side of the rear of the driver's cab
 - round yellow light on the driver's cab 12 V
 - front flash Heizohack, 2 pieces
 - pressurized air horn
 - fire extinguisher

Technical details of the Crane Set-up:

Palfinger Epsilon S110F101

Lifting torque gross:	143,0 kNm
Lifting torque net:	100,0 kNm
Maximum range:	10,10 m
Lifting capacity at 10,00 m without boom and gripper:	900 kg
Extender swivel torque (net):	36,0 kNm
Swivel angle:	385 degree
Total Weight:	1920 kg (without Joint / Rotator)
Rotator:	Indexator with pendular brake
Colour:	traffic red RAL 3020
Light:	four headlight
Controls:	joystick control unit Prof1 with additional functions

Technical details Energy Wood Gripper:

Hulldins Super Grip SG II 260 R 4-finger grapple

Grab Surface	0,28 m ²
Operating Pressure:	250 bar
Weight:	198 kg
Opening width max.:	1.525 mm
Min. gripping diameter:	90 mm

Technical details of the Lorry: Mercedes- Benz AROCS 3353 AK 6X6

Drive Power:	390 kW / 530 HP
Capacity:	12809 cm ³
Lorry engine rpm:	1.300 - 1.600 rpm
Exhaust standard:	Euro 6
Tank capacity:	500 litre
Track:	2,00 m
Wheelbase:	4,20 m
Width:	2,55 m
Length:	8,10 m
Height:	3,95 m
Tyres:	front Axle 385/65 R22.5 rear Axle 315/80 R22.5
Colour of the lorry:	yellow green silk matt RAL 1028 nova grey silk matt MB 7350
Cooling of the engine:	reversible fan for engine cooling system with increased performance



HM 14-860 KL

Drum Wood Chipper

Machine exclusively for crane feeding!



	Type of Wood Chipper	Total weight	Article number
X	HEIZOHACK HM 14-860 KL AROCS 3353 AK 6X6	approx. 26.000 kg	VA-04-814-00030

Equipment sieve wood chipper HM 14-860 K two-part:			
X	HM 14-860 K 45/60 mm Hardox with stop bars (G30) Set		VA-04-814-00018
X	HM 14-860 K 60/75 mm Hardox with stop bars (G50) Set		VA-04-814-00002
X	HM 14-860 K 75/80 mm Hardox with stop bars Set		VA-04-814-00029
X	HM 14-860 K 100/100 mm Hardox with stiffeners Set		VA-04-814-00003

Equipment sieve rotor cover HM 14-860 K two-part:			
X	HM 14-860 K 45/60 mm with stop bars (G30) Set		VA-04-814-00004
X	HM 14-860 K 60/80 mm with stop bars (G50) Set		VA-04-814-00005

Accessories wood chipping HM 14-860 KL:			
O	Exchange blades 94 x 50 x 5 mm (unit price) from 100 pieces from 200 pieces from 500 pieces from 1.000 pieces		VA-90-040-00001
O	Chipper knife for rotor with 2 clamping screws 100 x 140 x 18 mm (unit price)		VA-90-040-00002
O	Discharging chute telescopic HM 500/800/860 700 mm telescopic, not HM 8-500 K (extra charge)		VA-04-510-00012
O	Cyclone for discharging chute HM 500/800/860 not HM 8-500 K		VA-04-510-00011
O	Deflector plate for discharge flap HM 500/800/860 for horizontal blowing, adjustable		VA-04-508-00039
O	Biological hydraulic oil complete filling HM 14-860 KL (extra charge for complete filling)		VA-04-814-00045
O	Central lubrication for wood chipper HM 800/860 KL not for chassis or crane		VA-04-814-00050
O	Special paint RAL HM 500/800/860 (extra charge per colour)		VA-04-027-00004
O	Manual torque multipliers 100 Nm - 2.000 Nm for loosen and tie up of the exchange blades holder; inclusive torque wrench 3/4 " 80 Nm - 400 Nm, strength nut (opening width 36mm) and stable transport case Attention: Price not discountable		VA-89-001-00002
O	Commissioning at the customer within the sales area of Heizomat Germany Attention: Price not discountable		VA-89-001-00002

X Equipment O Accessories

Accessories wood splitter:		Article number
<input type="radio"/>	Cone splitter Heizomat 3-motors incl. upweighting of the truck to 27.000 kg total weight, if necessary Technical details: Drive: 3- motoring Own weight: 350 kg Ball diameter: 370 mm Necessary oil volume: 100-200 l/min Necessary oil pressure: 200-240 bar	VB-04-028-00001

Equipment loading crane - colour:		
<input checked="" type="checkbox"/>	Colour traffic red glossy RAL 3020 loading crane	VA-04-408-00020
<input checked="" type="checkbox"/>	Colour yellow green glossy RAL 6018 loading crane (extra charge)	VA-04-408-00021

Equipment Mercedes AROCS:		
<input type="radio"/>	Operator place - driving system - operated by joystick - fixed speed - incl. road approval	VA-04-814-00042
<input type="radio"/>	Tire front axle Michelin XZL 445/65 R 22.5 168J Rim 13.00x22.5 ET-120 (unit price)	VA-04-814-00040
<input type="radio"/>	Tire rear axle Alliance MPT 382 600/50 R22.5 164J Rim 20.00x22.5 ET-50 (unit price)	VA-04-814-00041

X Equipment O Accessories

Information:

By placing an order of a HM 14-860 KL you have to pay 30% of the total amount as prepayment with the order.



HM 6-300 KLC

Drum Wood Chipper

Machine exclusively for crane feeding!



Technical Data and Equipment of the Wood Chipping Machine:

Infeed height: 300 mm

Trunk diameter: 300 mm

Infeed width: 500 mm

Rotor shaft diameter: 80 mm

Fly wheel mass: 130 kg

Exchangeable blades: 6 pieces

Drum diameter: 450 mm

Infeed:

- conveyor belt; length 600 mm
- top roller with steel teeth; diameter 380 mm
- **without** any front end roller at the infeed table
- infeed table optionally with conveyor belt; length 600mm
- length of the infeed table 1.050 mm

Augers: 2 transversal augers

Ejector:

- discharge chute hydraulically foldable and height
- discharge chute electrical rotatable
- discharge flap electrical adjustable

Controls:

- automatic load-dependent infeed control with intergraded cycle mode
- two day counters and one overall operating hours counter
- infeed speed of top roller and conveyor belt infinitely variable
- infeed direction reversible
- remote control with 10 m cable and control panel for all functions

Colour:

- yellow green silk matt RAL 1028
- nova grey silk matt MB 7350

Drive: - via PTO shaft and V belt transmission

Drive rpm: max. 1.000 min⁻¹

Drive performance: 132 kW / 180 HP at max. permissible 1.000 min⁻¹



picture of HM 6-300 KLC



HM 6-300 KLC Drum Wood Chipper



Machine exclusively for crane feeding!

	Type of Wood Chipper	Weight without Chassis	Article number
X	HEIZOHACK HM 8-400 KLC	approx. 2.600 kg	VA-04-306-00006

Equipment sieve HM 8-400 K:		
X	HM 6-300 25/25 mm (great decrease in performance)	VB-04-016-00015
X	HM 6-300 35/40 mm	VB-04-016-00016
X	HM 6-300 50/50 mm	VB-04-016-00017

Equipment infeed table:		
X	Infeed table HM 6-4300 KLC standard	VB-04-306-00015
X	Infeed table with HM 6-300 KLC conveyor belt (extra charge)	VB-04-306-00016

Equipment yoke tractor side:		
X	Yoke 6 spline 1 3/8" tractor side for type series SH	VB-90-038-00003
X	Yoke 6 spline 1 3/4" tractor side for type series SH	VB-90-038-00004
X	Yoke 20 spline 1 3/4" tractor side for type series SH (extra charge)	VB-90-038-00005
X	Yoke 21 spline 1 3/8" tractor side for type series SH (extra charge)	VB-90-038-00006

Equipment PTO shaft:		
X	PTO shaft Bondioli 1.900 mm type series SH; in combination with chassis-tandem 40/60 km/h without draw bar for crane unit or for drawbar extension 410 mm for chassis-trailing axle 40 km/h (extra charge)	VB-90-038-00009

Equipment yoke chipper side:		
X	Yoke with shear bolt 6 spline 1 3/4" chipper side for type series SH	VB-90-038-00007
X	Yoke with free wheel 6 spline 1 3/4" chipper side for type series SH (extra charge)	VB-90-038-00008

X Equipment O Accessories

Accessories chassis HM 6-300 KLC:		Article number
X	<p>Chassis HM 6-300 KLC with rear tip body 10 m³ (permissible speed dependent on the tyres) two axles, spring-loaded pneumatic brake, supporting leg, drawbar, wings, lighting and big tool box</p> <p>rear tip body 10 m³ hinged tailgate operated hydraulically</p> <p>Weight: approx. 6.400 kg Height of towing port: approx. 500 mm Total length: 7,80 m Total width: 2,55 m Total height: 3,90 m</p> <p>Attention: The PTO Shaft Bondioli 1.900 mm must be ordered separate!</p>	VA-04-306-00012
X	<p>Chassis HM 6-300 KLC with high tip body 8 m³ (permissible speed dependent on the tyres) two axles, spring-loaded pneumatic brake, supporting leg, drawbar, wings, lighting and big tool box</p> <p>high tip body 8 m³; in travel direction left side hydraulically operated tipping height 2,80 m</p> <p>Weight : approx. 6.400 kg Height of towing port: approx. 500 mm Total length: 7,80 m Total width: 2,55 m Total height: 3,90 m</p> <p>Attention: The PTO Shaft Bondioli 1.900 mm must be ordered separate!</p>	VA-04-306-00013
X	<p>Chassis HM 6-300 KLC with high tip body 13 m³ (permissible speed dependent on the tyres) two axles, spring-loaded pneumatic brake, supporting leg, drawbar, wings, lighting and big tool box</p> <p>high tip body 13 m³; in travel direction left side hydraulically operated tipping height 2,80 m</p> <p>Weight: approx. 6.400 kg Height of towing port: approx. 500 mm Total length: 7,80 m Total width: 2,55 m Total length: 3,90 m</p> <p>Attention: The PTO Shaft Bondioli 1.900 mm must be ordered separate!</p>	VA-04-306-00014

X Equipment O Accessories



HM 8-400 KLC

Drum Wood Chipper

Machine exclusively for crane feeding!



Technical Data and Equipment of the Wood Chipping Machine:

Infeed height: 400 mm

Trunk diameter: 400 mm

Infeed width: 708 mm

Rotor shaft diameter: 80 mm

Fly wheel mass: 470 kg

Exchangeable blades: 8 pieces

Drum diameter: 495 mm

Infeed:

- conveyor belt; length 900 mm
- top roller with steel teeth; diameter 600 mm
- **without** any front end roller at the infeed table
- infeed table optionally with conveyor belt; length 900mm
- length of the infeed table 1.500 mm

Augers: 3 transversal augers

Ejector:

- discharge chute hydraulically foldable and height
- discharge chute electrical rotatable
- discharge flap electrical adjustable

Controls:

- automatic load-dependent infeed control with intergraded cycle mode
- two day counters and one overall operating hours counter
- infeed speed of top roller and conveyor belt infinitely variable
- infeed direction reversible
- remote control with 10 m cable and control panel for all functions

Colour:

- yellow green silk matt RAL 1028
- nova grey silk matt MB 7350

Drive: via PTO shaft and V belt transmission

Drive rpm: max. 1.000 min⁻¹

Drive performance: 148 kW / 200 HP at max. permissible 1.000 min⁻¹



picture of HM 8-400 KLC



HM 8-400 KLC Drum Wood Chipper



Machine exclusively for crane feeding!

	Type of Wood Chipper	Weight without Chassis	Article number
X	HEIZOHACK HM 8-400 KLC	approx. 4.600 kg	VB-04-408-00011

Equipment sieve HM 8-400 K:		
X	HM 8-400 / HM 8-400 K 25/25 mm (great decrease in performance)	VB-04-016-00007
X	HM 8-400 / HM 8-400 K 35/40 mm	VB-04-016-00008
X	HM 8-400 / HM 8-400 K 50/50 mm	VB-04-016-00009
X	HM 8-400 / HM 8-400 K 50/50 mm with stop bars	VB-04-016-00010
X	HM 8-400 / HM 8-400 K 60/80 mm with stop bars	VA-04-016-00003

Equipment infeed table:		
X	Infeed table HM 8-400 K standard	VB-04-006-00007
X	Infeed table with HM 8-400 K conveyor belt (extra charge)	VB-04-006-00008

Equipment yoke tractor side:		
X	Yoke 6 spline 1 3/8" tractor side for type series SH	VB-90-038-00003
X	Yoke 6 spline 1 3/4" tractor side for type series SH	VB-90-038-00004
X	Yoke 20 spline 1 3/4" tractor side for type series SH (extra charge)	VB-90-038-00005
X	Yoke 21 spline 1 3/8" tractor side for type series SH (extra charge)	VB-90-038-00006

Equipment PTO shaft:		
X	PTO shaft Bondioli 1.900 mm type series SH; in combination with chassis-tandem 40/60 km/h without draw bar for crane unit or for drawbar extension 410 mm for chassis-trailing axle 40 km/h (extra charge)	VB-90-038-00009

Equipment yoke chipper side:		
X	Yoke with shear bolt 6 spline 1 3/4" chipper side for type series SH	VB-90-038-00007
X	Yoke with free wheel 6 spline 1 3/4" chipper side for type series SH (extra charge)	VB-90-038-00008

X Equipment O Accessories

Accessories chassis:		Article number
X	<p>Chassis HM 8-400 KLC with rear tip body 17 m³ (permissible speed dependent on the tyres) two axles, spring-loaded pneumatic brake, supporting leg, drawbar, wings, lighting and big tool box</p> <p>rear tip body 17 m³ hinged tailgate operated hydraulically</p> <p>Weight: approx. 7.600 kg Height of towing port: approx. 500 mm Total length: 8,00 m Total width: 2,55 m Total length: 3,90 m</p> <p>Attention: The PTO Shaft Bondioli 1.900 mm must be ordered separate!</p>	VA-04-408-00012
X	<p>Chassis HM 8-400 KLC with high tip body 13 m³ (permissible speed dependent on the tyres) two axles, spring-loaded pneumatic brake, supporting leg, drawbar, wings, lighting and big tool box</p> <p>high tip body 13 m³; in travel direction left side hydraulically operated tipping height 2,80 m</p> <p>Weight: approx. 7.600 kg Height of towing port: approx. 500 mm Total length: 8,00 m Total width: 2,55 m Total length: 3,90 m</p> <p>Attention: The PTO Shaft Bondioli 1.900 mm must be ordered separate!</p>	VA-04-408-00013
X	<p>Chassis HM 8-400 KLC with high tip body 16 m³ two axles, spring-loaded pneumatic brake, supporting leg, drawbar, wings, lighting and big tool box</p> <p>high tip body 16 m³; in travel direction left side hydraulically operated tipping height 2,80 m</p> <p>Weight: approx. 7.600 kg Height of towing port: approx. 500 mm Total length: 8,00 m Total width: 2,55 m Total length: 3,90 m</p> <p>Attention: The PTO Shaft Bondioli 1.900 mm must be ordered separate!</p>	VA-04-408-00014

X Equipment O Accessories

Equipment and accessories wood chipper HM 6-300 KLC / HM 8-400 KLC:

Equipment chassis - tyres:		Article number
X	Tyres 385/65 R22.5 for KLC up to 70 km/h (unit price) Vehicle width: chassis-tandem: approx. 2,00 m	VA-04-306-00007
X	Tyres 500/45 R22.5 for KLC up to 70 km/h (unit price) Vehicle width: chassis-tandem: approx. 2,20 m	VA-04-306-00008
X	Tyres 560/45 R22.5 for KLC up to 70 km/h (unit price) Vehicle width: chassis-tandem: approx. 2,50 m	VA-04-306-00009
X	Tyres 600/55 R26.5 for KLC up to 70 km/h (unit price) Vehicle width: chassis-tandem: approx. 2,55 m	VA-04-306-00021
X	Tyres 620/50 R22.5 for KLC up to 70 km/h (unit price) Vehicle width: chassis-tandem: approx. 2,55 m	VA-04-306-00010
Equipment chassis - colour rims:		
X	Colour white aluminium (silver) glossy RAL 9006 rim (extra charge per unit)	VA-04-304-00005
X	Colour yellow green glossy RAL 6018 rim	VA-04-304-00007
Equipment chassis - coupling point:		
X	Drawbar eye 40 mm, rigid for KLC 100 x 100 bolted	VA-90-076-00001
X	Drawbar eye 50 mm, rigid for KLC 100 x 110 bolted (extra charge)	VA-90-076-00002
X	Drawbar eye 50 mm, rotatable for KLC Cuna F2; without street approval 100 x 110 bolted (extra charge)	VA-90-076-00003
X	Ball hitch K80 for KLC 100 x 110 bolted (extra charge)	VA-90-076-00004
Equipment chassis - compressed air connection:		
X	Compressed air connection automatic, trailer side red and yellow (set)	VB-94-001-00001
X	Compressed air connection Duomatic, trailer side connected at the compressed air tubes operating pressure max.: 10 bar nominal width: 9 mm	VB-94-001-00002
Accessoires chassis – forced steering:		
O	Forced steering axle with master cylinder, K50 and hydraulic system (extra charge)	KT-90-001-00024
Accessories high tip height extension HM 6-300 KLC / HM 8-400 KLC:		
O	High tip extension 4,00 m KLC extension of the high tip to 4,00 m (extra charge)	VA-04-408-00015

X Equipment O Accessoires

Accessories reversing camera HM 6-300 KLC / HM 8-400 KLC:		Article number
O	Reversing camera with screen for KLC Typ Brigade	VA-97-014-00001

Accessories wood chipping machines / chassis:		
O	Exchange blades 94 x 50 x 5 mm (unit price) from 100 pieces from 200 pieces from 500 pieces from 1.000 pieces	VA-90-040-00001
O	Biological hydraulic oil complete filling HM 300/400 (extra charge for complete filling)	VA-04-027-00001
O	Special paint RAL HM 300/400 (extra charge per colour)	VA-04-027-00002
O	Manual torque multipliers 100 Nm - 2.000 Nm for loosen and tie up of the exchange blades holder; inclusive torque wrench 3/4 " 80 Nm - 400 Nm, strength nut (opening width 36mm) and stable transport case <u>Attention:</u> Price not discountable	VA-89-001-00002
O	Commissioning at the customer within the sales area of Heizomat Germany <u>Attention:</u> Price not discountable	VA-89-001-00002

Accessories radio control:		
O	Radio control T60-1 Functions: - Raise/lower discharge chute - Right/left rotation of discharge chute - Raise/lower discharge flaps - Raise/lower of in-feed table Consisting of: Hand-held transmitter: MIDI System T60 Receiver: Standard T60; 8 Relay outputs	VB-04-024-00001
O	Radio control T60-2 Functions: - Raise/lower discharge chute - Right/left rotation of discharge chute - Raise/lower discharge flaps - In-feed forward/reverse ATTENTION: without speed adjustment of the pressure roller and conveyor belt Consisting of: Hand-held transmitter: MIDI System T60 Receiver: Standard T60; 8 Relay outputs	VB-04-024-00002

X Equipment O Accessories

Loading crane HM 6-300 KLC / 8-400 KLC:		Article number
X	<p>Palfinger Epsilon C45F67 single crane extender</p> <p>Inclusive:</p> <ul style="list-style-type: none"> - Rotator RB06F - Rotator joint for RB06F - two headlight - crane support for transport <p>Technical Details:</p> <p>Lifting torque, gross: 71,0 kNm Lifting torque, net: 53,0 kNm Maximum range: 6,70 m Lifting capacity at 4,0 m boom without grab: 1.310 kg Lifting capacity for 6,0 m boom without grab: 850 kg Boom swivel moment: 14,0 Nm Swivel angle: 340 degree Operating pressure set: 170,0 bar Recommended discharge capacity: 100 l/min Oil Supply: via tractor (LS)! Total Weight: 1.020 kg (without Joint/Rotator)</p>	VA-90-041-00001
X	<p>Palfinger Epsilon C45F84 double crane extender</p> <p>Inclusive:</p> <ul style="list-style-type: none"> - Rotator RB06F - Rotator joint for RB06F - two headlight - crane support for transport <p>Technical Details:</p> <p>Lifting torque, gross: 71,0 kNm Lifting torque, net: 53,0 kNm Maximum range: 6,70 m Lifting capacity at 4,0 m boom without grab: 1.250 kg Lifting capacity for 6,0 m boom without grab: 800 kg Lifting capacity for 8,0 m boom without grab: 580 kg Boom swivel moment: 14,0 Nm Swivel angle: 340 degree Operating pressure set: 170,0 bar Recommended discharge capacity: 100 l/min Oil Supply: via tractor (LS)! Total Weight: 1.100 kg (without Joint/Rotator)</p>	VA-90-036-00002
Equipment loading crane - colour:		
X	Colour traffic red glossy RAL 3020 loading crane	VA-04-408-00020
X	Colour yellow green glossy RAL 6018 loading crane (extra charge)	VA-04-408-00021

X Equipment O Accessoires

Equipment loading crane - energy log grab:		Article number
X	Energy log grab Heizogreif HG 1000 4-finger grab Grab surface: 0,15 m ² Operating Pressure: 200 bar Weight: 125 kg Opening width max.: 1.021 mm Min. gripping diameter: 110 mm	VA-04-508-00046
	Energy log grab Heizogreif HG 1250 4-finger grab Grab surface: 0,20 m ² Operating Pressure: 200 bar Weight: 185 kg Opening width max.: 1.321 mm Min. gripping diameter: 86 mm	VA-04-508-00021
Equipment loading crane - joysticks HM 6-300 KLC / 8-400 KLC:		
X	Prof1 joystick control for crane with Danfoss Proportional Valves PVG 32/8 (6 proportional, 2 black and white, 8x on/off) Special Functions: - support legs extend and retract - Right/left rotation of ejector spout - Raise/lower ejector spout adjustment	VA-04-408-00024
Equipment loading crane - joystick installation HM 6-300 KLC / HM 8-400 KLC:		
X	Joystick installation in the cab of the tractor incl. installation of the chipper control unit at the Heizomat factory Maicha Attention: Price not discountable	VA-89-001-00001

X Equipment O Accessoires



Pallets Chipper SPE 1300



The manually fed pallets chipper SPE 1300 has been constructed specifically for shredding pallets and wood waste to high quality wood chips. With the pallets chipper SPE 1300 natural pallets, which usually have to be disposed, can be transformed to valuable fuel.

The results of the use of this stationary driven machine are precious wood chips with a size from G30 to G50. There can be achieved an hourly throughput up to 30 pallets.

The chipper has a reversible counter knife and 36 rotating cutting blades, which are intended for a two times utilization. As there is no forced-feed mechanism, the feed is made current-saving due to the own weight of the chipping material. The drive of the cutting unit is performed by a belt drive via electric motor.

In developing the machine, attention was paid to be simple to operate and to keep maintenance expense to a minimum.

In order that the wood chips obtained can be conveyed out of the offered pallets chipper, normally a cross-auger on the bottom is necessary. This is available in total lengths of 1,5 m up to 6,0 m. The increments are made in steps of 0,1 m. The length of the open area of the cross-auger, which is located below the chipper, always amounts to 1,3 m.

For the continuation of the wood chips an inclined-auger or a chain conveyor is available. These can be flanged on the open end of the cross-auger. The completely closed inclined-auger or the conveyor chain are available in lengths of 1,0 m up to 6,0 m. The grid dimension also amounts to 0,1 m. The inclined-auger need for it's drive a separate motor. The conveyor chain is driven by the electric motor of the cross-auger.



Pallet Chipper SPE 1300

machine for chopping pallets



Technical data and Accessories of the pallet chipper:

Length:	1940 mm
Width:	1200 mm
Height:	1920 mm
Filling opening:	1320 mm x 220 mm
Weight:	1000 kg
Rotor speed:	60 rpm
Rotor diameter:	300 mm
Number of blades:	36 pieces
Perforated filter:	30 mm
Driving power:	18.5 kW
Colour:	golden yellow RAL 1004 basalt grey RAL 7012
Sound pressure level:	82 db (LPA 1 m)



	Type of Wood Chipper	Total weight	Article number
X	Pallet chipper SPE 1300	approx. 1000 kg	VB-04-000-00001

Accessories cross-auger:		
O	Cross-auger pallet chipper SPE 1300 canal 200 1500 - 3000 Horizontal transport of the wood chips of the pallets chipper SPE 1300. with drive motor, opened canal 1300 mm and closed canal 200/200 mm, up to a total length of 3000 mm, grid dimension closed canal 100 mm	VB-02-025-00001
O	Cross-auger pallet chipper SPE 1300 canal 200 3100 - 4000 Horizontal transport of the wood chips of the pallets chipper SPE 1300. with drive motor, opened canal 1300 mm and closed canal 200/200 mm, up to a total length of 4000 mm, grid dimension closed canal 100 mm	VB-02-025-00002
O	Cross-auger pallet chipper SPE 1300 canal 200 4100 - 5000 Horizontal transport of the wood chips of the pallets chipper SPE 1300. with drive motor, opened canal 1300 mm and closed canal 200/200 mm, up to a total length of 5000 mm, grid dimension closed canal 100 mm	VB-02-025-00003
O	Cross-auger pallet chipper SPE 1300 canal 200 5100 - 6000 Horizontal transport of the wood chips of the pallets chipper SPE 1300. with drive motor, opened canal 1300 mm and closed canal 200/200 mm, up to a total length of 6000 mm, grid dimension closed canal 100 mm	VB-02-025-00004

X Equipment O Accessories

Equipment inclined-auger:	Article number
Inclined-auger pallet chipper SPE 1300 canal 200 1000 - 2000 <input type="radio"/> Extension to horizontal cross-auger of the pallets chipper SPE 1300. Drive motor and inclined-auger 200/200 mm, 1000 - 2000 mm, grid dimension 100 mm	VB-02-025-00005
Inclined-auger pallet chipper SPE 1300 canal 200 2100 - 3000 <input type="radio"/> Extension to horizontal cross-auger of the pallets chipper SPE 1300. Drive motor and inclined-auger 200/200 mm, 2100 - 3000 mm, grid dimension 100 mm	VB-02-025-00006
Inclined-auger pallet chipper SPE 1300 canal 200 3100 - 4000 <input type="radio"/> Extension to horizontal cross-auger of the pallets chipper SPE 1300. Drive motor and inclined-auger 200/200 mm, 3100 - 4000 mm, grid dimension 100 mm	VB-02-025-00007
Inclined-auger pallet chipper SPE 1300 canal 200 4100 - 5000 <input type="radio"/> Extension to horizontal cross-auger of the pallets chipper SPE 1300. Drive motor and inclined-auger 200/200 mm, 4100 - 5000 mm, grid dimension 100 mm	VB-02-025-00008
Inclined-auger pallet chipper SPE 1300 canal 200 5100 - 6000 <input type="radio"/> Extension to horizontal cross-auger of the pallets chipper SPE 1300. Drive motor and inclined-auger 200/200 mm, 5100 - 6000 mm, grid dimension 100 mm	VB-02-025-00009

Equipment chain conveyor:	
Chain conveyor pallet chipper SPE 1300 250 1100 - 2000 incl. central running chain <input type="radio"/> Direct 90 degree connection to the cross auger. Max. rise 45° increasing. Drive via existing cross auger motor. Length of 1.100 - 2.000 mm, grid dimension 100 mm	VA-02-253-00001
Chain conveyor pallet chipper SPE 1300 250 2100 - 3000 incl. central running chain <input type="radio"/> Direct 90 degree connection to the cross auger. Max. rise 45° increasing. Drive via existing cross auger motor. Length of 2.100 - 3.000 mm, grid dimension 100 mm	VA-02-253-00002
Chain conveyor pallet chipper SPE 1300 250 3100 - 4000 incl. central running chain <input type="radio"/> Direct 90 degree connection to the cross auger. Max. rise 45° increasing. Drive via existing cross auger motor. Length of 3.100 - 4.000 mm, grid dimension 100 mm	VA-02-253-00003
Chain conveyor pallet chipper SPE 1300 250 4100 - 5000 incl. central running chain <input type="radio"/> Direct 90 degree connection to the cross auger. Max. rise 45° increasing. Drive via existing cross auger motor. Length of 4.100 - 5.000 mm, grid dimension 100 mm	VA-02-253-00004
Chain conveyor pallet chipper SPE 1300 250 5100 - 6.000 incl. central running chain <input type="radio"/> Direct 90 degree connection to the cross auger. Max. rise 45° increasing. Drive via existing cross auger motor. Length of 5.100 - 6.000 mm, grid dimension 100 mm	VA-02-253-00005

X Equipment Accessories



Wood Grapple

developed for the using at tractors or small wheel loaders.



Because of the strong tooth you can transport with the **HEIZOGREIF** wood waste, such as slats, beams, logs, blocks or branches and trunks without any problem.

Technical data and accessories of the wood grapple:

max. Hydraulic oil pressure:	200 bar
Width:	1.905 mm
Deepness:	1.015 mm
Height:	1.500 mm
Opening height:	to 1.600 mm
Colour:	yellow green silk matt RAL 1028 nova grey silk matt MB 7350



With 2 hydraulic cylinder for powerful clamping.

The **HEIZOGREIF** has drill holes for the mounting of a welding plate for the installation of a fast changing system or of a mounting plate with a front loader system Euro III.
Inclusive 2 hydraulic hoses of 1,0 m length with connections size 3.

	Type of wood grapple	Weight	Article number
X	HEIZOGREIF HG 1800 3/2 - 3 tines below - 2 tines upside	approx. 545 kg	VB-40-000-00001
X	HEIZOGREIF HG 1800 4/3 - 4 tines below - 3 tines upside	approx. 645 kg	VB-40-000-00002
X	HEIZOGREIF HG 1800 5/4 - 5 tines below - 4 tines upside	approx. 755 kg	VB-40-000-00003

Accessoires wood grapple:			
O	Welding plate for the installation of a fast changing system screw- on able; inclusive bolts, nuts and washers; unpainted	approx. 70 kg	VB-39-001-00001
O	Mounting plate with a front loader system Euro III screw- on able; inclusive bolts, nuts and washers; nova grey silk matt MB 7350	approx. 85 kg	VB-39-001-00002
O	Special paint RAL Heizogreif (extra charge colour)		VA-04-027-00042

X Equipment O Accessories

General Terms and Conditions of the Firm Heizomat Gerätebau- Energiesysteme GmbH

1. Area of Application

1.1 Our deliveries, services and offers are performed exclusively on the basis of the General Terms and Conditions. Deviations from our General Terms and Conditions only become part of the contract if these deviating terms and conditions are recognised and confirmed by us in writing. Incidentally, deviating terms and conditions of our contractual partners do not obligate us; inclusion in a contractual relationship is herewith expressly objected to.

2. Offers/Acceptance of Orders

2.1 The offers made by Heizomat are not binding.
An order placed with Heizomat is considered to have been accepted first with the despatch of the written order by Heizomat Gunzenhausen with the order number issued by Heizomat Gunzenhausen.
2.2 An order placed with Heizomat is considered to have been accepted first with the despatch of the written order by Heizomat Gunzenhausen with the order number issued by Heizomat Gunzenhausen.
2.3 The purchaser remains bound to his order until Heizomat responds. If he receives within a commensurate period no order confirmation, he can request this by setting an extension in time of 14 days, otherwise he withdraws the order.

3. Prices

3.1 Our prices are to be understood as prices in Euros ex works excluding packaging and transport insurance, plus the respective valid statutory VAT.
3.2 For contracts concerning deliveries of goods and other services, i.e. fitting and repair jobs for non-traders, we are bound for 4 months to the prices agreed with the purchaser in writing from the date of the conclusion of the contract. If it is envisaged that the delivery or the services will not have been completed in 4 months after conclusion of the contract, in the event of changes in the at that time decisive conditions the respective valid pricelist is applicable: For price increases only then if these are commensurate in relation to the changes.

4. Delivery Period/Time of Performance and Transfer of Risks

4.1 The delivery and assembly deadlines named by us are not binding insofar as something else was not expressly agreed in writing.
4.2 Delivery and performance delays due to force majeure (e.g. war, fire, strike, operational disruptions on the vendor's suppliers' premises or on ours etc.) and unforeseen public authority measures entitle us to postpone the delivery or service by the duration of the impediment plus a commensurate preparatory period or withdraw from the contract due to the unfulfilled part either in full or in part. The right to the performance of partial deliveries is expressly conceded. Such events do not substantiate delays due to a lack of blame.
4.3 In as far as the delay lasts more than three months, our contractual partner is entitled, after a commensurate setting of an extension period of a further three weeks, to withdraw from the contract with respect to the part of the contract still to be fulfilled. The to that date already complete partial performance is to be remunerated.
4.4 The risk is transferred to the purchaser with the despatch of the goods from the works or from the warehouse. If the despatch is delayed by the purchaser, the risk is transferred from the day the despatch is made ready. The despatch is performed upon the account and at the risk of the purchaser. Despatch regulations are to be consigned with the order. For transport damage, no liability is accepted.

5. Duty To Cooperate of the Purchaser

5.1 The purchaser is obliged to create all the required construction-side pre-requisites for the installation of the performance (annex) to be made by us before the assembly date notified to us at his expense. If the purchaser does not fulfil this obligation, the dates given us for delivery/performance/ assembly and completion/commissioning are no longer applicable.
5.2 The purchaser is obliged, at his expense, to provide machines/material resources at the assembly location, in order to ensure proper unloading of the delivered unit. The purchaser is obliged to ensure at his expense the pre-requisites for a proper approach to the assembly location with lorries, crane(s) etc.. The purchaser provides at his expense assembly power on the building site. The same applies to proper water supplies to be provided for the construction.
5.3 The purchaser is obliged in the event of interaction or caused by the dependence of existing aggregates and new aggregates to be installed by us that it is ensured that the compatibility between existing units and new units delivered by us is technically smooth. If errors or damage occur which can be put down to the fact that the existing units and aggregates provided by the purchaser are not compatible with those units and aggregates to be delivered and assembled by us, liability by us is excluded.
5.4 As part of the duty to cooperate, the purchaser is obliged to preliminary performance obligations for the provision of suitable and unpolluted work conditions for the Heizomat assembly staff. Included here are, in particular, the emptying of bunkers, disposal of shavings and other materials and the replacement stocking of raw, work and auxiliary materials included shavings, which previously had been transported away at the expense of the purchaser, as part of the tasks which we had to perform on the premises of the purchaser.

6. Notice of Defects/Guarantee

6.1 Notice of defects due to obvious defects are to be notified in writing, without culpable delay, at the latest, however, within one calendar week after receipt of the goods. If the purchaser is a legal entity under public law, public law special assets or a merchant for whom the object of the contract belongs to the operation of a business, this applies due to every identifiable defect and the complaint about it due to incomplete or wrong delivery. Otherwise the guarantee is excluded. For delivery and installation of heating units, what applies in particular are the respective attached sheet to the delivery note and the inspection and handover report. The purchaser recognises with his signature on the attached sheet and the inspection and handover report the absence of defects and contractual and planned performance of the heating unit including the control cabinet and auxiliaries at the point in time of the signature.
6.1.1 Also defects not recognised are to be complained about in writing immediately after they have been noticed.
6.2 The guarantee for our goods and services runs for one year, if the purchaser is not a consumer (equatable with commercial usage). For final consumers the statutory guarantee period of two years applies. For used goods the guarantee period comes to 1 year, if the purchaser is a final consumer. If the purchaser is not a final consumer, the sale of used goods is made excluding all material defects liability.

6.2.1 A reference to technical standards does not represent warranty.
6.2.2 If the elimination of defects finally fails even after repeated reworking, the purchaser can demand a reduction in price or remuneration or rescission of the contract.
6.2.3 As part of the guarantee, replaced parts become owned by us.
6.2.4 The guarantee is excluded:
a) Resulting from depreciation (wear-and-tear)
b) If the delivery object has been altered so much that the cause of the defect can no longer be identified or if the purchaser himself undertakes installation and repairs on defective parts or has them performed or if the purchaser disregards the valid maintenance and conditions regulations for the delivered object and the defect is thus caused.
6.2.5 The guarantee is further dependent on the fact that the delivered goods (unit) has been properly serviced and operated.
6.2.6 If unsuitable heating or size reduction materials are used for any form of wood chipping machines, i.e. for example, the inclusion of, in particular, metallic foreign matter, all guarantee claims are invalid. This also applies if the cause of the malfunction of the defect is that unsuitable heating material has led to excessive contamination of the heating unit.
6.3 In cases of warranty mobile devices (e.g. wood chipping machines) have to be brought back to the factory for rectification, unless otherwise agreed

7. Liability of the Firm Heizomat

7.1 The firm Heizomat is liable, irrespective of Section 6 for damages – for whatever legal reason – only if a promised characteristic is absent or to the extent that you or your legal representatives or your agents are at fault. The liability of the legal representatives, agents or other company employees of Heizomat towards a purchaser is, except in cases of intent or gross negligence, excluded. The vendor's suppliers are not our vicarious agents.

8. Retention of Title

8.1 All our deliveries and services, including assembly, take place under retention of title. Ownership is transferred to the purchaser, when he has settled all his liabilities resulting from his business relationship with us. This also applies if the purchase price for a certain goods delivery designated by our purchasers has been paid. The retained ownership applies in the case of an open invoice, where appropriate, as security for our balance claim. If bills of exchange or cheques are given in payment, the encashment without reserve applies first as settlement. Processing take places for us excluding acquisition of title in accordance with § 950 of the German Civil Code without obligating us. The processed good serves as our security in the amount of the value of the invoice of the processed reserved goods. If our (joint) ownership is erased by connection, it is herewith agreed that the (joint) ownership of the uniform matter is transferred to us proportionate to the value. The purchaser holds our (joint) ownership in safe custody.
8.2 In the event of access of third parties to our (joint) ownership, the purchaser will point out our ownership right and immediately notify us in writing of this access. This applies, in particular, to distraints, collateral assignment, and mortgage liability etc. pp. Costs and damages are borne by the purchaser.
8.3 In the event of behaviour in violation of the contract by the purchaser, in particular, payment delays, we are entitled to take back the goods delivered by us (unit) at the expense of the purchaser and where appropriate, to demand assignment of the claims for restitution of the purchaser against third parties.
8.4 The purchaser is obliged, as long as our ownership of the delivered goods exists (unit) to insure the same against loss, value reduction, damage, theft and transport risks. Claims under the insurance contract in damage instances are to be assigned to us on account of payment. Our (joint ownership) continues to exist also in the event of a sale by the purchaser in the relationship to the purchaser/entrepreneur.
8.5 If the value of the existing securities exceeds the secured claims altogether by more than 20 %, we are obliged upon request by the customer to that extent to release securities of our choice.

9. Condition of Payment

9.1 Payable within 10 days from the date of the invoice with 2 % discount or in 30 days net, in as far as nothing else was listed in our order confirmation or invoice. If the deadline is overrun, the usual bank rates of interest and expenses are to be borne in full. Changes require the written confirmation of Heizomat Gunzenhausen.
9.2 If the purchaser does not meet his payment obligations at all or not properly, in particular, in the event that a cheque on account of performance handed over is not honoured or the purchase stops payments or if other circumstances become known, which cast doubt on the creditworthiness of the purchaser, we are entitled to make the full remaining amount owed to us due immediately. In addition we are entitled in these case to demand an advance payment or security (e.g. bank guarantee).
9.3 The offsetting with disputed or not legally valid counter-claims is excluded. For business people in these cases also no right of retention can be asserted.
9.4 The deduction of discount can only be effectively agreed individually in accordance with Sub-Section 9.1. A deduction of discount by the purchaser is only possible if not other claims are due against him.
9.5 By delays in payment, interest on arrears can be asserted. These are for final consumers at 5 % above the respective basic rate of interest, for companies and business people at 8 % above the respective basic rate of interest of the European Central Bank. The firm Heizomat is entitled to demand higher rates of interest on other legal grounds.

10. Design Changes

10.1 We reserve the right to undertake design changes at any time, insofar as this matches the technical requirements. An obligation on this point does not exist.
11. Place of Jurisdiction and Place of Fulfilment, Separability
11.1 For all claims resulting from the business relationship with full business people, including bills of exchange and cheque claims, the exclusive place of jurisdiction is the civil court responsible for Gunzenhausen. The same place of jurisdiction applies if the purchaser has no general place of jurisdiction in Germany, after conclusion of the contract moves his place of residence or usual place of residence outside Germany or his place of residence or usual place of residence at the time of the submission of the legal action is not known.
11.2 The place of fulfilment for all services and deliveries to be made from contracts is Gunzenhausen.