

**K KNOCHE**

AT THE END THE RESULT COUNTS.  
AT THE BEGINNING **KNOCHE**.

SINCE  
**1790**

# THE KNOCHE MASCHINENBAU PRODUCT RANGE

**FULL CATALOGUE**



SINCE  
**1790**

“The worldwide success of our farming machinery is the result of seven generations of experience. We are proud of that and work towards our greatest goal everyday - finding the best solution for our customers, and nature.”

Jörg Knoche



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# SHORT DISC HARROW DISCMAX

The attachable DISCMAX is the compact short disc harrow for special crops.



- S 355 MH fine grain steel
- Selection of 7 rollers
- Serrated 510 discs
- 1.5–2.5 m working width

**i** More info at [knoche-maschinenbau.de](http://knoche-maschinenbau.de)  
or in the latest **product brochure**.



## SHORT DISC HARROWS

### TECHNICAL DATA

	DISCMAX 150	DISCMAX 250
Working width	150 cm	250 cm
Transport width	150 cm	250 cm
Attachment type	CAT I-II	CAT II
Disc diameter	510 mm	510 mm
Disc thickness	5 mm	5 mm
Number of discs	12	18
Disc linkage	single	single
Stone guard	rubber-mounted	rubber-mounted
Bar spacing	700 mm	800 mm
Line spacing	12.5 cm	13.8 cm
Frame height	550 mm	550 mm
max. working depth	12 cm	12 cm
Power requirement from	45 BHP	75 BHP
Approx. weight	530 kg	970 kg
Folding	 150	 250

### ROLLERS



### ACCESSORIES



Side disc

Lighting

\* for DISCMAX 250 only

# SHORT DISC HARROW

## DISCMAX-FW 3-6 M

The semi-mounted compact disc harrow can be folded fully hydraulically. With a working width of up to 6 m, it is designed for maximum working performance.








- 510, 560 and 610 discs
- Selection of 7 rollers
- 3-6 m working width
- 1.550 mm bar spacing

**i** More info at [knoche-maschinenbau.de](http://knoche-maschinenbau.de) or in the latest product brochure.



### SHORT DISC HARROWS

#### TECHNICAL DATA

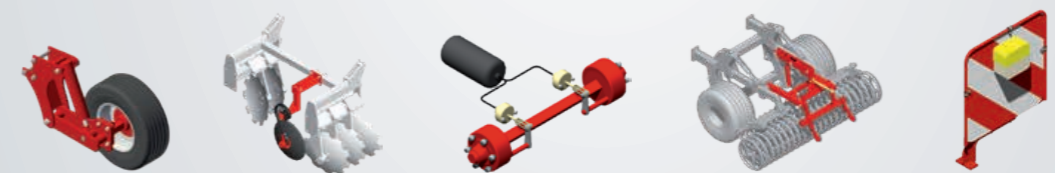
	DISCMAX-FW 300	DISCMAX-FW 400	DISCMAX-FW 450	DISCMAX-FW 500	DISCMAX-FW 600
Working width	300 cm	400 cm	450 cm	500 cm	600 cm
Transport width	300 cm	300 cm	300 cm	300 cm	300 cm
Attachment type	Lower link	Lower link	Lower link	Lower link	Lower link
Disc diameter	510 / 560 / 610 mm	510 / 560 / 610 mm	510 / 560 / 610 mm	510 / 560 / 610 mm	510 / 560 / 610 mm
Disc thickness	5 / 6 mm	5 / 6 mm	5 / 6 mm	5 / 6 mm	5 / 6 mm
Number of discs	22	30	34	38	46
Disc linkage	single	single	single	single	single
Stone guard	rubber-mounted	rubber-mounted	rubber-mounted	rubber-mounted	rubber-mounted
Bar spacing	1.550 mm	1.550 mm	1.550 mm	1.550 mm	1.550 mm
Line spacing	13.6 cm	13.3 cm	13.2 cm	13.2 cm	13.0 cm
Frame height	675 mm	675 mm	675 mm	675 mm	675 mm
Working depth	3-17 cm	3-17 cm	3-17 cm	3-17 cm	3-17 cm
Power requirement from	100 BHP	140 BHP	145 BHP	150 BHP	180 BHP
Approx. weight	1,940 kg	2,600 kg	3,300 kg	3,600 kg	4,200 kg
Folding	 300	 400	 75+300+75	 100+300+100	 150+300+150

#### ROLLERS



DW 480 / 400    RP 595    GTG 550    DW-GTG 550    RR 600    KW 570    DR 550

#### ACCESSORIES



Front depth wheels    Side disc    Compressed air brake    Hydraulic three-point suspension    Lighting



# SHORT DISC HARROW

## DISCMAX-FW 7.5-9 M

The semi-mounted short disc harrow is the specialist for large areas and is the perfect solution for professional operations and contracting businesses.






- 510 and 560 discs
- Selection of 5 rollers
- 7.5-9 m working width

**i** More info at [knoche-maschinenbau.de](http://knoche-maschinenbau.de) or in the latest **product brochure**.



### SHORT DISC HARROWS

#### TECHNICAL DATA

	DISCMAX-FW 750	DISCMAX-FW 800	DISCMAX-FW 900
Working width	750 cm	800 cm	900 cm
Transport width	310 cm	310 cm	310 cm
Attachment type	Eyelet, spherical head	Eyelet, spherical head	Eyelet, spherical head
Disc diameter	510 or 560 mm	510 or 560 mm	510 or 560 mm
Disc thickness	5/6 mm	5/6 mm	5/6 mm
Number of discs	58	62	70
Disc linkage	single	single	single
Stone guard	rubber-mounted	rubber-mounted	rubber-mounted
Bar spacing	800 cm	800 cm	800 cm
Line spacing	12.5 cm	12.5 cm	12.5 cm
Frame height	600 mm	600 mm	600 mm
max. working depth	3-15 cm	3-15 cm	3-15 cm
Power requirement from	275 BHP	320 BHP	350 BHP
Approx. weight	5,330 kg	6,200 kg	7,600 kg
Folding	 250+250+250	 270+250+270	 300+300+300

#### ROLLERS



RP 595



GTG 550



RR 600



KW 570

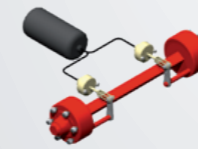


DR 550

#### ACCESSORIES



Side disc



Compressed air brake



Lighting



Front depth wheels

# SHORT DISC HARROW CROSSMAX

The CROSSMAX is a completely newly developed short disc harrow with the latest technology and innovative highlights.



- X-arrangement of discs
- Maintenance-free disc bearings
- Optional front tools
- Optional hydraulic working depth adjustment
- 3–6 m working width

**i** More info at [knoche-maschinenbau.de](http://knoche-maschinenbau.de) or in the latest **product brochure**.



## SHORT DISC HARROWS

### TECHNICAL DATA

	CROSSMAX 300	CROSSMAX 450	CROSSMAX 600
Working width	300 cm	450 cm	600 cm
Transport width	300 cm	300 cm	300 cm
Attachment type	CAT II–III	CAT II–III	CAT II–III
Disc arrangement	x-shaped	x-shaped	x-shaped
Disc diameter	510 or 560 mm	510 or 560 mm	510 or 560 mm
Disc thickness	5/6 mm	5/6 mm	5/6 mm
Number of discs	24	36	48
Disc linkage	single	single	single
Stone guard	rubber-mounted	rubber-mounted	rubber-mounted
Line spacing	12.5 cm	12.5 cm	12.5 cm
max. working depth	0–18 cm	0–18 cm	0–18 cm
Power requirement from	95 BHP	135 BHP	185 BHP
Bar spacing	800 mm	800 mm	800 mm
Frame height	590 mm	590 mm	590 mm
Approx. weight	1,450 kg	2,500 kg	3,200 kg
Folding	 300	 155+140+155	 230+140+230

### ROLLERS



### ACCESSORIES






# DISC HARROW HX

Our HX disc harrow is a stable soil tillage machine designed for robust use and high area performance.



- Serrated front discs, smooth rear discs
- Low-maintenance bearing
- Hydraulic cutting angle adjustment
- 660–710 mm disc diameter



 More info at [knoche-maschinenbau.de](http://knoche-maschinenbau.de)

## DISC HARROW

### TECHNICAL DATA

	HX 450	HX 490	HX 590	HX 780
Working width	450 cm	490 cm	590 cm	780 cm
Transport width	255 cm	255 cm	255 cm	300 cm
Disc arrangement	x-shaped	x-shaped	x-shaped	x-shaped
Disc diameter	660 / 710 mm	660 / 710 mm	660 / 710 mm	660 / 710 mm
Disc thickness	6 / 7 mm	6 / 7 mm	6 / 7 mm	6 / 7 mm
Number of discs	40	44	52	68
Disc linkage	Axle	Axle	Axle	Axle
Disc spacing	230 mm	230 mm	230 mm	230 mm
Stone guard	no	no	no	no
Frame height	785 mm	785 mm	785 mm	785 mm
Approx. weight	3,500 kg	4,460 kg	4,700 kg	7,700 kg
Power requirement from	135 BHP	165 BHP	180 BHP	255 BHP
Folding	 225+225	 245+245	 295+295	 390+390

### ROLLERS



### ACCESSORIES



# KNIFE ROLLER SPEEDMAX

With its rotating X-cut, the SPEEDMAX sets new standards in residual plant shredding.




- X-cut thanks to opposing rollers
- Open cage rollers without central axis
- Self-cleaning, blockage-free
- Hydraulic contour adjustment

**i** More info at [knoche-maschinenbau.de](http://knoche-maschinenbau.de) or in the latest **product brochure**.

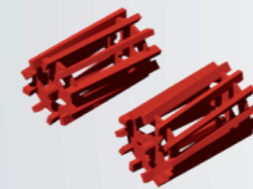


## KNIFE ROLLER

### TECHNICAL DATA

	SPEEDMAX 150	SPEEDMAX 300	SPEEDMAX 450	SPEEDMAX 560
Working width	150 cm	300 cm	450 cm	560 cm
Transport width	150 cm	300 cm	300 cm	300 cm
Attachment type	CAT II	CAT II-III	CAT II-III	CAT II-III
Attachment type	Rear and front	Rear and front	Rear and front	Rear and front
Power requirement from	45 BHP	60 BHP	85 BHP	120 BHP
Working speed	20-25 km/h	20-25 km/h	20-25 km/h	20-25 km/h
Area performance	3,25 ha/h	7,5 ha/h	11,25 ha/h	14 ha/h
Roller diameter	390 / 390 mm	390 / 390 mm	390 / 390 mm	390 / 390 mm
Number of blades	10 / 11 pieces	10 / 11 pieces	10 / 11 pieces	10 / 11 pieces
Cut length	6-11 cm	6-11 cm	6-11 cm	6-11 cm
Width per element	75 cm	75 cm	75 cm	75 cm
Approx. weight	700 kg	1,050 kg	1,650 kg	2,200 kg
Folding	 150	 300	 75+300+75	 130+300+130

### ROLLERS

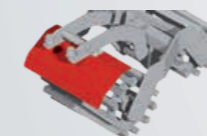


Baffle plate equipment



Knife equipment

### ACCESSORIES



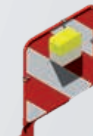
Stone guard for front operation



Stone guard for rear operation



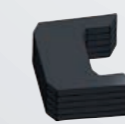
Lighting for rear operation



Lighting for front operation



Front protection rubber



Additional weight



# CULTIVATOR

## G3

The G3 Cultivator is a three-bar cultivator for deep soil tillage up to 25 cm. 750 mm frame height and 680 mm bar spacing ensure blockage-free operation even with thicker harvest residues. 320 mm wide wing shares and 300 mm line spacing ensure thorough mixing.



- 2.5–5.4 m working width
- Stable S355 MH fine grain steel frame
- Optional stone guard
- Selection of 7 rollers



**i** More info at [knoche-maschinenbau.de](http://knoche-maschinenbau.de)

### ↓ CULTIVATOR

#### TECHNICAL DATA

	G3 250	G3 300	G3 420	G3 480	G3 540
Working width	250 cm	300 cm	420 cm	480 cm	540 cm
Transport width	270 cm	300 cm	300 cm	300 cm	300 cm
Attachment type	CAT III	CAT III	CAT III	CAT III	CAT III
Power requirement from	120 BHP	140 BHP	165 BHP	170 BHP	210 BHP
Bars	3	3	3	3	3
Frame	rigid	rigid	hydraulic	hydraulic	hydraulic
Line spacing	310 mm	300 mm	300 mm	300 mm	300 mm
Number of tines	8	10	14	16	18
Bar spacing	680 mm	680 mm	680 mm	680 mm	680 mm
Frame height	800 mm	800 mm	800 mm	800 mm	800 mm
max. working depth	25 cm	25 cm	25 cm	25 cm	25 cm
Approx. weight	1,420 kg	1,620 kg	2,150 kg	2,350 kg	2,550 kg
Folding					
	250	300	60+300+60	90+300+90	120+300+120

#### ROLLERS



#### ACCESSORIES



# ECO-CULTIVATOR ÖKOGRUBBER

Mechanical weed control has a name:  
KNOCHE ÖKOGRUBBER. Our ultra-flat cultivator has been specially developed for the particular requirements of organic farming and offers very versatile configuration.



- 700 mm frame height
- Double pendulum depth wheel
- Double-furrow tine
- Hydraulic working depth adjustment
- Levellers

**i** More info at [knoche-maschinenbau.de](http://knoche-maschinenbau.de)  
or in the latest **product brochure**.

## ECO-CULTIVATOR

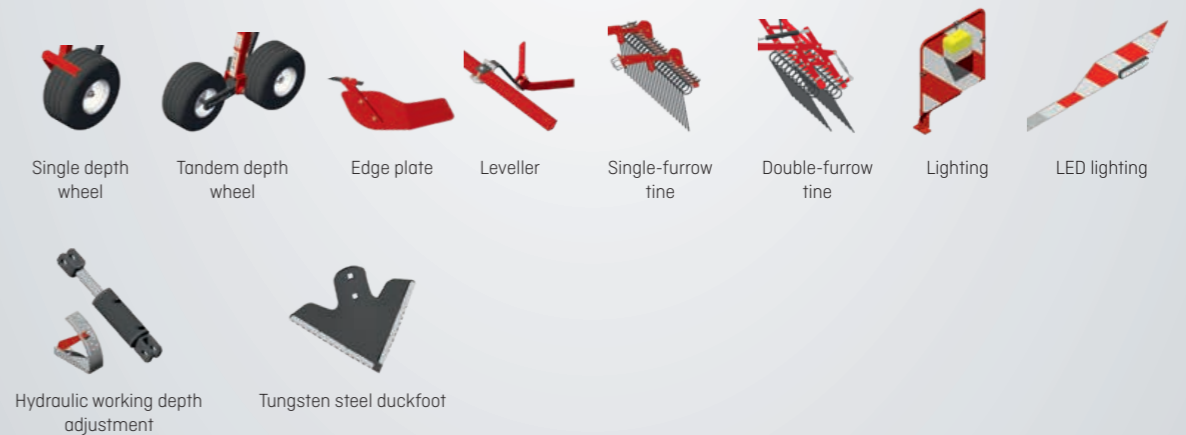
### TECHNICAL DATA

	ECO-CULTIVATOR 300	ECO-CULTIVATOR 450
Working width	300 cm	450 cm
Transport width	300 cm	300 cm
Number of tines	14	22
Attachment type	CAT II	CAT II-III
Power requirement from	110 BHP	150 BHP
Bars	3	3
Frame	rigid	hydraulic lift
Line spacing	200 mm	200 mm
Overlap	85 mm	85 mm
Bar spacing	700 / 650 mm	700 / 650 mm
Frame height	700 mm	700 mm
Working depth	max. 15 cm	max. 15 cm
Approx. weight	1,550 kg	2,420 kg
Folding	 300	 225+225

### ROLLERS



### ACCESSORIES





# SUBSOILER WISENT

The single-furrow WISENT subsoiler from KNOCHE is the ideal solution for optimally loosened soil structures to get the most out of your crops.



- Single-row tine frame with variable tine spacing
- PTO through-drive with optional lower link attachment for rotary harrow (or similar)
- 60 cm working depth
- 600 mm frame height
- Cutter with swivel plate

**i** More info at [knoche-maschinenbau.de](http://knoche-maschinenbau.de) or in the latest **product brochure**.



## SUBSOILER

### TECHNICAL DATA

	WISENT 300
Working width	300 cm
Transport width	300 cm
Attachment type	CAT III
Power requirement from	140 / 180 BHP
Bar	1
Frame	rigid
Line spacing	750 / 500 mm
Number of tines	4 / 6
Frame height	1.050 mm
Working depth	60 cm
Approx. weight	900 / 1,050 kg
Folding	 300

### ROLLERS



RP 400



RP 480



RP 595

### ACCESSORIES



Headstock



Lower link CAT II



Lower link CAT III



Lighting



Additional weight

# SUBSOILER BISON

The double-furrow BISON subsoiler from KNOCHE loosens and tills highly resistant soils and is an essential tool for conservation-oriented soil cultivation.



- Double-row tine frame with 90 cm tine spacing
- 745 mm frame height
- Selection of 3 optional rollers
- Curved St. Michel tines for better soil loosening

**i** More info at [knoche-maschinenbau.de](http://knoche-maschinenbau.de) or in the latest **product brochure**.



## SUBSOILER

### TECHNICAL DATA

	BISON 250	BISON 300	BISON 400
Working width	250 cm	300 cm	400 cm
Transport width	250 cm	300 cm	400 cm
Attachment type	CAT III	CAT III	CAT III
Power requirement from	180 BHP	250 BHP	300 BHP
Bars	2	2	2
Frame	rigid	rigid	rigid
Line spacing	416 mm	375 mm	400 mm
Number of tines	6	8	10
Bar spacing	750 mm	750 mm	750 mm
Frame height	700 mm	700 mm	700 mm
Working depth	40 cm	40 cm	40 cm
Approx. weight	810 kg	1,050 kg	1,430 kg
Folding	 250	 300	 400

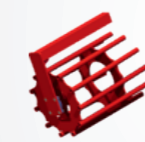
### ROLLERS



RP 400



RP 480

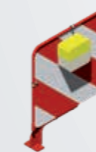


RP 595

### ACCESSORIES



Mounting arm



Lighting



# ROLLER

## FIELDMAX 2.5-3.0 M

KNOCHE builds rollers up to 3 m for three-point hydraulics either as a combined front/rear mounting variation with steering block, or as a purely rear configuration.




- GGG 40 grey cast ductile iron roller rings
- CroMo S4 50 mm axle shaft
- S355 MH fine grain steel frame
- Rigid configuration
- 3 different roller profiles

**i** More info at [knoche-maschinenbau.de](http://knoche-maschinenbau.de) or in the latest **product brochure**.



## ROLLERS

### TECHNICAL DATA

	250	300
Working width	250 cm	300 cm
Transport width	250 cm	300 cm
Attachment type	Rear and front	Rear and front
Attachment type	CAT II	CAT II
Power requirement from	35 BHP	40 BHP
Approx. weight	875 kg	985 kg
Folding	 250	 300

### ROLLER RINGS



510 mm Cambridge ring



500 mm star ring



500 mm crosskill ring

### ACCESSORIES



Stone collector



Lighting



45x10 crossboard



80x10 crossboard

# ROLLER

## FIELDMAX 4.5-9.2 M

KNOCHE rollers offer versatile use, be it breaking soil crusts, compacting soil and closing cavities, rolling down seeds that have been pushed up by ice, creating a finely crumbed soil structure, or airing pastures.









- GGG 40 grey cast ductile iron roller rings
- CroMo S4 50 mm axle shaft
- S355 MH fine grain steel frame
- Single and double articulation
- 3 different roller profiles



**i** More info at [knoche-maschinenbau.de](http://knoche-maschinenbau.de) or in the latest **product brochure**.

## ROLLERS

### TECHNICAL DATA

	450	530	620	780	820	920
Working width	450 cm	530 cm	620 cm	780 cm	820 cm	920 cm
Transport width	240 cm	240 cm	275 cm	260 cm	260 cm	260 cm
Articulation	single/double	single/double	single/double	double	double	doppel
Tyres	10,0 / 75-15 11,5 / 80-15	10,0 / 75-15 11,5 / 80-15	10,0 / 75-15 11,5 / 80-15	11,5 / 80-15 15 / 55-17	11,5 / 80-15 15 / 55-17	11,5 / 80-15 15 / 55-17
Power requirement from	45 BHP	50 BHP	75 BHP	100 BHP	115 BHP	135 BHP
Approx. weight	2,045 kg	2,720 kg	2,990 kg	3,895 kg	4,060 kg	4,450 kg
Folding	 130+190+130	 170+190+170	 215+190+215	 310+160+310	 330+160+330	 380+160+380
Roller elements	3	3	3	5	5	5

### ROLLER RINGS



510 mm Cambridge ring



500 mm star ring



500 mm crosskill ring

### TYRES



10.0 / 75-15



11.5 / 80-15



15 / 55-17

### ACCESSORIES



Individual operating permit documents



TÜV authorisation documents



Lighting



Compressed air brake



Stone collector



Eyelet



Spherical head



45x10 crossboard



80x10 crossboard



# ROLLER

## FIELDMAX 10.2-12.2 M

Rollers with working widths of 10.2 and 12.2 metres come with central and double articulation as standard.





- GGG 40 grey cast ductile iron roller rings
- CroMo S4 50 mm axle shaft
- S355 MH fine grain steel frame
- Double articulation
- 3 different roller profiles

**i** More info at [knoche-maschinenbau.de](http://knoche-maschinenbau.de) or in the latest **product brochure**.



## ROLLERS

### TECHNICAL DATA

	1020	1220
Working width	1020 cm	1220 cm
Transport width	280 cm	280 cm
Articulation	double	double
Tyres	19 / 45-17	19 / 45-17
Power requirement from	155 BHP	175 BHP
Approx. weight	5,540 kg	6,820 kg
Folding	 410+200+410	 510+200+510
Roller elements	5	5

### ROLLER RINGS



510 mm Cambridge ring



500 mm star ring



500 mm crosskill ring

### TYRES



19 / 45-17



500 / 55-20

### ACCESSORIES



Individual operating permit documents



TÜV authorisation documents



Lighting



Compressed air brake



Stone collector



Eyelet



Spherical head



45x10 crossboard



80x10 crossboard

# SEEDBED PREPARATION

## PROMAX SEEDBED COMBINATION

Along with its precision, the KNOCHE PROMAX particularly excels with its low fuel consumption, actively keeping costs down.







- 3–6 m working width
- 6 different working frames available
- 60–100 mm line spacing
- 6 different tine shapes available

**i** More info at [knoche-maschinenbau.de](http://knoche-maschinenbau.de) or in the latest **product brochure**.









### SEEDBED PREPARATION

#### TECHNICAL DATA

	PROMAX 300	PROMAX 450	PROMAX 600	PROMAX 750
Working width	300 cm	450 cm	600 cm	750 cm
Transport width	300 cm	300 cm	300 cm	300 cm
Attachment type	CAT II	CAT III	CAT III	CAT III
Number of working frames	2	3	4	5
Tilth harrow tines line spacing	60 mm	60 mm	60 mm	60 mm
Germinator tines line spacing	60 mm	60 mm	60 mm	60 mm
DK spring tines line spacing	80 mm	80 mm	80 mm	80 mm
PF spring tines line spacing	95 mm	95 mm	95 mm	95 mm
W spring tines line spacing	100 mm	100 mm	100 mm	100 mm
Power requirement from	100 BHP	150 BHP	180 BHP	210 BHP
Approx. weight	810 kg	1,540 kg	1,940 kg	2,950 kg
Folding	 300	 3x150	 4x150	 5x150

#### WORKING FRAME

5-row Line spacing 60	5-row Line spacing 60	4-row Line spacing 80	4-row Line spacing 95	5-row Line spacing 100	4-row Strichabstand 100
					
Spring tines G Height 270 Tine width 25	Spring tines GM Height 280 narrow share 32	Spring tines DK Height 380 narrow share 35	Spring tines PF Height 350 narrow share 35	Spring tines W Height 390 without share	Spring tines W Height 390 without share

#### ROLLERS



#### ACCESSORIES



PROMAX 900 on request



# SEEDBED PREPARATION

## TERRA SEED BED COMBINATION

The KNOCHE TERRA is the versatile professional machine for your seedbed. The roller-tine-roller system makes multiple traverses a thing of the past.









- 3–9 m working width
- Roller-tine-roller system
- Forcibly actuated tine frame
- Selection of various rollers

**i** More info at [knoche-maschinenbau.de](http://knoche-maschinenbau.de) or in the latest **product brochure**.



### SEEDBED PREPARATION

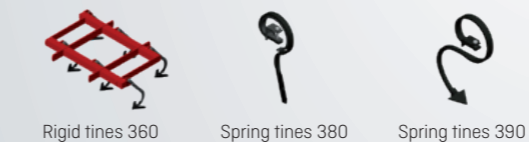
#### TECHNICAL DATA

	TERRA 300	TERRA 400	TERRA 450	TERRA 600	TERRA 800	TERRA 900
Working width	300 cm	400 cm	450 cm	600 cm	800 cm	900 cm
Transport width	300 cm	295 cm	295 cm	305 cm	330 cm	330 cm
Attachment	Lower link CAT III	Lower link CAT III	Lower link CAT III	Lower link CAT III	Lower link CAT III	Lower link CAT III
Number of frames	2	3	3	4	6	6
Number of spring tines	38	49	57	76	98	114
Line spacing	80 mm	80 mm	80 mm	80 mm	80 mm	80 mm
Power requirement from	85 BHP	100 BHP	110 BHP	150 BHP	250 BHP	285 BHP
Approx. weight	2,200 kg	3,950 kg	4,250 kg	5,400 kg	8,300 kg	8,500 kg
Folding	 300	 125+150+125	 150+150+150	 4 x 150	 250+300+250	 300+300+300

#### ROLLERS



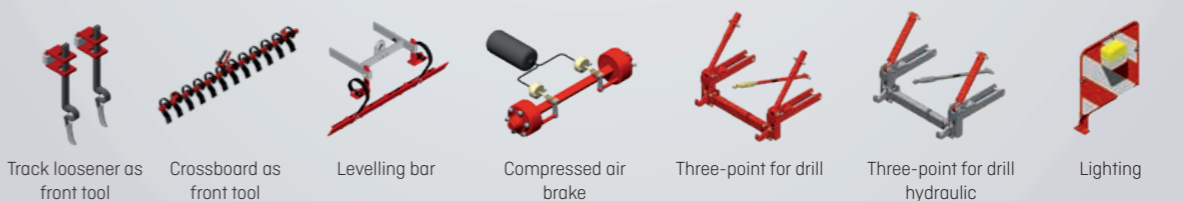
#### TINES



#### TYRES



#### ACCESSORIES





# SEEDBED PREPARATION


## HARROW-HARROW

The KNOCHE harrow-harrow combination consists of two working frames in series. That combination guarantees an optimum structure for seed whilst also protecting against erosion.



- Two harrow frames in series
- Frame 1 - Line spacing 55 mm
- Frame 2 - Line spacing 48 mm
- Specially tempered conical harrow tines



 More info at [knoche-maschinenbau.de](http://knoche-maschinenbau.de)

### SEEDBED PREPARATION

#### TECHNICAL DATA

	HARROW-HARROW 560	HARROW-HARROW 720	HARROW-HARROW 840
Working width	560 cm	720 cm	840 cm
Transport width	300 cm	300 cm	300 cm
Attachment	CAT III	CAT III	CAT III
Number of frames	8	12	12
Number of tines	480	720	720
Line spacing 5-row	55 mm	55 mm	55 mm
Line spacing 7-row	48 mm	48 mm	48 mm
Power requirement from	100 BHP	130 BHP	150 BHP
Approx. weight	1,200 kg	1,850 kg	1,990 kg

#### Folding



4x140



2x140+4x110

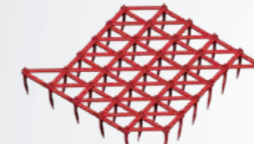


6x140

#### TINE FRAMES



5-row



7-row

#### ACCESSORIES



Depth wheels



Lighting





**KNOCHE MASCHINENBAU GMBH**

Rotrehre 23

D-31542 Bad Nenndorf

Tel.: +49 57 23 / 94 76 70

Fax: +49 57 23 / 94 76 86

provided by:

Technical data and images approximate and non-binding. Subject to change.