

TIP-ROLLER



10,20 m w/620 mm/24", w/Spring-Board & Interlocking system.

- The connecting link between the middle section and the wing sections make the wing sections centre pivoting and totally independent of the middle section.
- **HE-VA SAT-System** (Spring Activated Transfer-system) transfers weight from the middle section to centre of the wing sections, to compensate for the additional weight on the middle section from the drawbar, cylinders and wheels.
- Lubrication in all movable links and bearings - ensures a long life.
- The wing-sect. on 8.20m & all 3 sect. on 9.50m & 10.20m are mounted w/support bearings.

PRICES & SPECIFICATIONS

Transport width of max. 2.45 m.

Work. width	Ring Type	Spokes	Rings	Weight	Pow.Req.HP	Item No.	
*4.50 m	450 mm/18" Cambridge	3	87	2,010	60-80	63053-45	
	510 mm/21" Cambridge	3	87	2,160	60-80	63053-51	
	510 mm/21" Cambridge	8	87	2,260	60-80	63053-46	
	560 mm/22.5" Cambridge	9	87	2,540	70-90	63053-54	
	620 mm/24" Cambridge	10	87	2,810	70-90	63053-62	
	450/500 mm Star ring	◆	90	2,160	60-80	63053-56	
	550/600 mm Star ring	◆	90	2,570	70-90	63053-57	
	550 mm/22" Cam		30	1,510	60-80	63053-55	
	485-530 mm Crosskill		45	1,980	60-80	63053-53	
	550-600 mm Crosskill		45	2,460	70-90	63053-63	
	500 mm 2D -Corrugated	8	57	1,990	60-80	63053-50	
	550 mm 2D -Corrugated	9	57	2,230	70-90	63053-59	
	600 mm 2D -Corrugated	10	57	2,380	70-90	63053-60	
*5.40 m	450 mm/18" Cambridge	3	105	2,320	70-90	63054-45	
	510 mm/21" Cambridge	3	105	2,560	70-90	63054-51	
	510 mm/21" Cambridge	8	105	2,690	70-90	63054-46	
	560 mm/22.5" Cambridge	9	105	3,100	80-100	63054-54	
	620 mm/24" Cambridge	10	105	3,240	80-100	63054-62	
	450/500 mm Star ring	◆	108	2,610	70-90	63054-56	
	550/600 mm Star ring	◆	108	3,140	80-100	63054-57	
	550 mm/22" Cam		36	1,880	70-90	63054-55	
	485-530 mm Crosskill		54	2,450	70-90	63054-53	
	550-600 mm Crosskill		54	3,010	80-100	63054-63	
	500 mm 2D -Corrugated	8	69	2,430	70-90	63054-50	
	550 mm 2D -Corrugated	9	69	2,730	80-100	63054-59	
	600 mm 2D -Corrugated	10	69	2,970	80-100	63054-60	
*6.30 m	450 mm/18" Cambridge	3	123	2,740	80-100	63055-45	
	510 mm/21" Cambridge	3	123	2,950	80-100	63055-51	
	510 mm/21" Cambridge	8	123	3,140	80-100	63055-46	
	560mm/22.5" Cambridge HD	9	123	3,710	100-120	63055-54	
	620 mm/24" Cambridge HD	10	123	4,190	100-120	63080-62	
	450/500 mm Star ring	◆	126	3,010	80-100	63055-56	
	550/600 mm Star ring HD	◆	126	3,870	100-120	63055-57	
	550 mm/22" Cam		42	2,110	80-100	63055-55	
	485-530 mm Crosskill		63	2,780	80-100	63055-53	
	550-600 mm Crosskill HD		63	3,490	100-120	63055-63	
	500 mm 2D -Corrugated	8	78	2,840	80-100	63055-50	
	550 mm 2D -Corrugated HD	9	78	3,250	90-110	63055-59	

Work. width	Ring Type	Spokes	Rings	Weight	Pow.Req.HP	Item No.
*6.30 m	600 mm 2D-Corrugated HD	10	78	3,390	90-110	63055-60
	▲610mm Plain Roller HD	2240 kg / 3.860kg w/o / w/water			90-110	63032-61
*7.30m	450 mm/18" Cambridge	3	143	3,320	100-120	63058-45
	510 mm/21" Cambridge	3	143	3,630	100-120	63058-51
	510 mm/21" Cambridge	8	143	3,840	100-120	63058-46
	560 mm/22.5" Cambridge	9	143	4,430	120-140	63058-54
	620 mm/24" Cambridge	10	143	4,580	120-140	63082-62
	450/500 mm Star ring	◆	146	3,760	100-120	63058-56
	550/600 mm Star ring	◆	146	4,680	120-140	63058-57
	550 mm/22" Cam		48	2,710	100-120	63058-55
	485-530 mm Crosskill		73	3,460	100-120	63058-53
	550-600 mm Crosskill		73	4,380	120-140	63058-63
	500 mm 2D-Corrugated	8	90	3,520	100-120	63058-50
	550 mm 2D-Corrugated	9	90	3,860	110-130	63058-59
	600 mm 2D-Corrugated	10	90	4,010	110-130	63058-60
*8.20m	450 mm/18" Cambridge	3	157	3,760	120-140	63056-45
	510 mm/21" Cambridge	3	157	4,050	120-140	63056-51
	510 mm/21" Cambridge	8	157	4,190	120-140	63056-46
	560 mm/22.5" Cambridge	9	157	4,700	130-160	63056-54
	620 mm/24" Cambridge	10	157	5,200	130-160	63081-62
	450/500 mm Star ring	◆	162	4,180	120-140	63056-56
	550/600 mm Star ring	◆	162	5,120	130-160	63056-57
	550 mm/22" Cam		55	3,010	120-140	63056-55
	485-530 mm Crosskill		81	3,880	120-140	63056-53
	550-600 mm Crosskill		81	4,900	130-160	63056-63
	500 mm 2D-Corrugated	8	102	3,840	120-140	63056-50
	550 mm 2D-Corrugated	9	102	4,100	120-150	63056-59
	600 mm 2D-Corrugated	10	102	4,350	120-150	63056-60
**9.50m	510 mm/21" Cambridge	3	180	4,830	130-160	63059-51
	510 mm/21" Cambridge	8	180	5,180	130-160	63059-46
	560 mm/22.5" Cambridge	9	180	5,770	140-170	63059-54
	620 mm/24" Cambridge	10	180	6,350	140-170	63083-62
	450/500 mm Star ring	◆	186	5,230	130-160	63059-56
	550/600 mm Star ring	◆	186	6,200	140-170	63059-57
	550 mm/22" Cam		63	3,870	130-160	63059-55
	480-530 mm Crosskill		95	4,820	130-160	63059-53
	550-600 mm Crosskill		95	6,020	140-170	63059-63
	500 mm 2D-Corrugated	8	118	4,740	130-160	63059-50
	550 mm 2D-Corrugated	9	118	5,030	140-160	63059-59
	600 mm 2D-Corrugated	10	118	5,320	140-160	63059-60
		▲ 610 mm Plain Roller	3.400kg / 5.840kg w/o w/ water			140-160
**10.20m	510 mm/21" Cambridge	3	196	5,310	150-200	63051-51
	510 mm/21" Cambridge	8	196	5,690	150-200	63051-46
	560 mm/22.5" Cambridge	9	196	6,220	160-220	63051-54
	620 mm/24" Cambridge	10	196	6,850	160-220	63084-62
	450/500 mm Star ring	◆	202	5,590	150-200	63051-56
	550/600 mm Star ring	◆	202	6,640	160-220	63051-57
	485-530 mm Crosskill		101	5,120	150-200	63051-53
	550-600 mm Crosskill		101	6,390	160-220	63051-63
	500 mm 2D-Corrugated	8	126	5,020	150-200	63051-50
	550 mm 2D-Corrugated	9	126	5,310	150-210	63051-59
	600 mm 2D-Corrugated	10	126	5,650	150-210	63051-60

* Requires 2 double-acting oil outlets.

** Requires 3 double-acting oil outlets.

◆ Cast steel ring.

▲ Standard with scraper on the roller.

STANDARD EQUIPMENT FOR TIP-ROLLER

- Two stone trays.
- 60 mm axles, special quality and double-sealed ball bearings.
- Pivotal towing eye, secured by bolts:
 - 4.50 – 8.20 m, item no. 630757028, see page 111
 - 9.50 – 10.20 m, item no. 630757017, see page 111.
- Supporting leg:
 - 4.50 – 8.20 m, adjustable supporting leg.
 - 9.50 – 10.20 m, hydraulic adjustable supporting leg.
- Wheels:
 - 4.50 m up to 5.40 m: 10.0/75 x 15.3,- 10 PLY
 - 6.30 m, 7.30 m and 8.20 m: 11.5/80 x 15.3 - 14 PLY
 - 9.50 m and 10.20 m: 400/60 x 15.5 - 14 PLY

EXTRA EQUIPMENT




Designation	Weight	Item no.	
LED lights cpl. with wire and socket, mounted on 4.50 up to 8.20 m	3 kg	63055-01	
LED lights cpl. with wire and socket, mounted on 9.50 + 10.20 m	3 kg	63059-01	
* Hydraulic supporting leg for 4.5 – 8.20 m Additional price	15 kg	63053-40	
Mechanical double change-over valve, mounted on drawbar, for tractors requiring another double-acting oil outlet	5 kg	690207102	
HPV-Controller: El-hydr. operation of 4 functions, see page 113.	9 kg	3409420	
Drawbar extension, 500 mm for 4.50 / 5.40 / 6.30 m	42 kg	630779000	
Drawbar extension, 500 mm for 6.30 HD models / 7.30 / 8.20m	42 kg	630779020	
Drawbar extension, 500 mm for 9.50 m and 10.20 m	59 kg	630801003	
Air brakes, factory-mounted	18 kg	63098-07	
Hydraulic brakes, factory-mounted	7 kg	63098-08	
Stone box set (additional 2 pieces) for 4.5 / 5.4 / 6.3 m	32	630555000	
Stone box set (add. 2 pcs) f/ 6.3 HD models / 7.3 / 8.2 / 9.5 / 10.2m	32	630555008	
Wheel 11,5/80 x 15,3, 14 PLY Add. price per set	-	63080-11	
Wheels 400/60 x 15.5 – 14 PLY, only for Tip-Roller 6.30 m HD models , 7.30 m and 8.20m (all ring types). NB:Transport width: 2.56 m. Additional price per set	-	63080-09	
Cast steel rings**			
510mm/21" Cambridge / 500 mm 2D Corrugated rings in cast-steel quality w/8 spokes. Is recommended in a non-ploughed syst. & in extreme conditions. Add. price per m	+8 kg per m	690150078	
560mm/22.5" Cambridge / 550 mm 2D Corrugated rings in cast-steel quality w/9 spokes. Is recommended in a non-ploughed syst. & in extreme conditions. Add. price per m	+10 kg per m	690150077	
620mm/24" Cambridge / 600 mm 2D Corrugated rings in cast-steel quality w/10 spokes. Is recommended in a non-ploughed syst. & in extreme conditions. Add. price per m	+10 kg per m	690150118	
Rubber sealed/non-lubricant ball bearings (4,50-7,30m) Add. price/machine	-	63055-73	
Rubber sealed/non-lubricant ball bearings (8,20 m) Add. price/machine	-	63056-73	
Rubber sealed/non-lubricant ball bearings (9,50-10,20m) Add. price/machine	-	63059-73	

* Requires 1 double-acting oil outlet ** 8-year breakage warranty on cast steel rings

Mounting set f/Multi-Seeder. Max. load in the fine seed hopper: 200 kg. Prices & info, see page 98..						
Working Width	Multi-Seeder Model	Weight	8 outlets		16 outlets	Price DKK
4.50 m	* without Auto-Controller / EC	78 kg	63053-21			
	with Auto-Controller / EC		63053-31			
5.40 m	* without Auto-Controller / EC	80 kg	63054-21		63054-22	
	with Auto-Controller / EC		63054-31		63054-32	
6.30 m	* without Auto-Controller / EC	83 kg	63055-21		63055-22	
	with Auto-Controller / EC		63055-31		63055-32	
6.30 m HD models	* without Auto-Controller / EC	87 kg	63080-21		63080-22	
	with Auto-Controller / EC		63080-26		63080-27	
7.30 m	* without Auto-Controller / EC	90 kg			63058-22	
	with Auto-Controller / EC				63058-32	

Working Width	Multi-Seeder Model	Weight	8 outlets	16 outlets
8.20 m	* <i>without</i> Auto-Controller / EC	95 kg		63056-22
	<i>with</i> Auto-Controller / EC			63056-32
9.50 m	* <i>without</i> Auto-Controller / EC	110 kg		63059-22
	<i>with</i> Auto-Controller / EC			63059-32
10.20 m	* <i>without</i> Auto-Controller / EC	112 kg		63051-22
	<i>with</i> Auto-Controller / EC			63051-32
Platform with railing and ladder for mounting set				63099-55

*Standard with hydraulic lifting of driving wheel – therefore this equipment requires 1 additional double acting oil outlet.


				Spring-Board								
				w/strong 10x80 mm tines			ø16 mm tines					
<p>Spring-Board - three types:</p> <ul style="list-style-type: none"> All models with mechanical adjustment of the tine section's height. All models w/hydr. adjustment of the preparation degree/working depth, which is also used for lifting on the headland. 				 <p>150 mm flat wearing points</p>			 <p>Slicing plates with two tines</p>			 <p>250 mm distance</p>		
				Work. Width		No. of Tines	Pow. Req. HP	Weight kg	*SPRING-BOARD		*SPRING-BOARD w/Slicing Plates	
				Item No.		Item No.		Item No.				
4.50 m	18	+20	420	63303-00		63603-00		63703-00				
5.40 m	22	+25	485	63304-00		63604-00		63704-00				
6.30 m	24	+30	550	63305-00		63605-00		63705-00				
6.30m HD models				63505-00		63805-00		63905-00				
7.30 m	28	+35	630	63507-00		63807-00		63907-00				
8.20 m	32	+40	695	63506-00		63806-00		63906-00				
9.50 m	38	+45	845	63509-00		63809-00		63909-00				
10.20 m	40	+50	880	63510-00		63810-00		63910-00				


* The equipment requires 1 additional double-acting oil outlet.

Spring-Board - three types: <ul style="list-style-type: none"> All models with mechanical adjustment of the tine section's height. All models w/hydr. adjustment of the preparation degree/working depth, which is also used for lifting on the headland. 				2-row Spring-Board					
				w/strong 10x80 mm tines			ø16 mm tines		
				*150MM SPRING-BOARD		HARROW-SPRING-BOARD		*SPRING-BOARD m/Long finger tines	
Work. Width	No. of tines	Power req. HK	Weight kg	Item no.	Item no.	Item no.	Item no.		
6,30 m HD models				63505-02	63805-02	63905-02			
7,30 m	28	+35		63507-02	63807-02	63907-02			
8,20 m	32	+40		63506-02	63806-02	63906-02			
9,50 m	38	+45		63509-02	63809-02	63909-02			

Add. Price for mounting slicing plates Add. Price per row	Model 6,30 m		Model 7,30 m		Model 8,20 m		Model 9,50 m	
	Item no.		Item no.		Item no.		Item no.	
	63505-03		63507-03		63506-03		63509-03	

Type	Item no.
Edge equipment for Spring-Board tines, weight 5 kg	63301-00
TRANSVERSE LOCKING SYSTEM – connects the Spring-Board tines.	
4,50 m, complete set for Spring-Board per row	55 kg 63403-00
5,40 m, complete set for Spring-Board per row	64 kg 63404-00
6,30 m, complete set for Spring-Board per row	74 kg 63405-00
7,30 m, complete set for Spring-Board per row	86 kg 63407-00
8,20 m, complete set for Spring-Board per row	97 kg 63406-00
9,50 m, complete set for Spring-Board per row	112 kg 63409-00
10,20 m, complete set for Spring-Board per row	120 kg 63410-00

	"Easy Change" quick change system of wearing points incl one set of flat wearing points and one set of slicing plate points with 3 tines.	Add. Price per tine in relation to standard Spring-Board.	63302-00	
		Price per tine for retro mounting.	63302-01	

	Wheel track eradicator set	3 m. threepoint mounted, 6 tines	67701-00	
		4 m. threepoint mounted, 8 tines	67702-00	