COMBI-DISC (THREE-POINT MOUNTED)

- 200 mm ”HE-VA Low draught and Low disturbance points” ensure optimum soil loosening with minimum mixing. This preserves the natural structure of each soil layer.
- 400 mm tine staggering and hydr. depth control from 100 mm above ground for max. working depth of 400 mm – resulting in a perfect oxidation, drainage and soil loosening for the root system of the subsequent crop.
- ”Sabre disc” 510 mm scalloped disc and DSD-system, resulting in an improved cutting and soil mixing for a perfect seedbed.
- Available with 550 mm Square tube roller – made from strong sectional tubes. This roller type reduces lifting requirement and makes a surface consolidation with a good structure. Not recommended for very wet and sticky soils.
- Available with 600 mm U-Profile roller with scraper ensuring a ”soil to soil” packing – with minimized flattening effect.
- Available with 600 mm or 700 mm V-Profile rollers with scrapers – ensuring a perfect consolidation of the soil for seeding or false seedbed - focusing on the fact that the structure in the soil surface is maintained.

MACHINES

Model, m	Work / Transport Width, m	Roller Type	Stone Protection	No. of Tines	No. of Discs	Power Req., HP	Weight, kg	Item Number
3.00	2.75 / 3.00	Square tube roller / 550 mm [1*]	Shear bolt	5	22	160-220	2,800	64512-07
3.00	2.75 / 3.00	Square tube roller / 550 mm [1*]	Hydraulic	5	22	160-220	2,800	64512-01
3.00	2.75 / 3.00	U-Profile roller / 600 mm [1*]	Shear bolt	5	22	180-240	2,710	64512-10
3.00	2.75 / 3.00	U-Profile roller / 600 mm [1*]	Hydraulic	5	22	180-240	2,710	64512-04
3.00	2.75 / 3.00	V-Profile roller / 600 mm [1*]	Shear bolt	5	22	180-240	3,420	64512-08
3.00	2.75 / 3.00	V-Profile roller / 600 mm [1*]	Hydraulic	5	22	180-240	3,420	64512-02
3.00	2.75 / 3.00	V-Profile roller / 700 mm [1*]	Shear bolt	5	22	180-240	3,600	64512-09
3.00	2.75 / 3.00	V-Profile roller / 700 mm [1*]	Hydraulic	5	22	180-240	3,600	64512-03
3.50	3.25 / 3.50	Square tube roller / 550 mm [1*]	Shear bolt	6	26	190-250	3,160	64512-17
3.50	3.25 / 3.50	Square tube roller / 550 mm [1*]	Hydraulic	6	26	190-250	3,160	64512-11
3.50	3.25 / 3.50	U-Profile roller / 600 mm [1*]	Shear bolt	6	26	210-270	3,055	64512-20
3.50	3.25 / 3.50	U-Profile roller / 600 mm [1*]	Hydraulic	6	26	210-270	3,055	64512-14
3.50	3.25 / 3.50	V-Profile roller / 600 mm [1*]	Shear bolt	6	26	210-270	3,870	64512-18
3.50	3.25 / 3.50	V-Profile roller / 600 mm [1*]	Hydraulic	6	26	210-270	3,870	64512-12
3.50	3.25 / 3.50	V-Profile roller / 700 mm [1*]	Shear bolt	6	26	210-270	4,080	64512-19
3.50	3.25 / 3.50	V-Profile roller / 700 mm [1*]	Hydraulic	6	26	210-270	4,080	64512-13
4.00	3.75 / 4.00	Square tube roller / 550 mm [1*]	Shear bolt	7	30	220-280	3,460	64512-27
4.00	3.75 / 4.00	Square tube roller / 550 mm [1*]	Hydraulic	7	30	220-280	3,460	64512-21
4.00	3.75 / 4.00	U-Profile roller / 600 mm [1*]	Shear bolt	7	30	240-300	3,440	64512-30
4.00	3.75 / 4.00	U-Profile roller / 600 mm [1*]	Hydraulic	7	30	240-300	3,440	64512-24
4.00	3.75 / 4.00	V-Profile roller / 600 mm [1*]	Shear bolt	7	30	240-300	4,260	64512-28
4.00	3.75 / 4.00	V-Profile roller / 600 mm [1*]	Hydraulic	7	30	240-300	4,260	64512-22
4.00	3.75 / 4.00	V-Profile roller / 700 mm [1*]	Shear bolt	7	30	240-300	4,500	64512-29
4.00	3.75 / 4.00	V-Profile roller / 700 mm [1*]	Hydraulic	7	30	240-300	4,500	64512-23

[1]Requires 2 double-acting oil outlets and 1 single-acting oil outlet.*

Ø550 mm Square Tube Roller

Ø600 mm V-Profile Roller

STANDARD EQUIPMENT

- Stone protection of tines: Hydraulic automatic release system.
- Hydraulic adjustment of the working depth for both tines and disc.
- Stone protection of disc via rubber suspended disc-arms.
- Edge equipment with disc for retain soil on right side.
- Scraper between the rings for U and V-Profile roller.
- 200 mm wide wearing point mounted on 25 mm wide tine.
- Three-point linkage: Cat. 3/4.
- Transport width: identical with the model designation.

EXTRA EQUIPMENT

Description	Weight, kg	Item Number
Set of reflective warning boards (2 pieces)	-	67055-74
LED lights complete with wire and socket	3	64512-70
Electrical depth stop	4	64512-71
Trail kit for 3.00, 3.50 and 4.00 m. Wheel: 400/60x15.5	560	64512-72
Points with 120 mm wing shares (Price reduction per tine)	-	645000043A
Points 120 mm with hard metal plate (Additional price per tine)	-	645000043TA
Points with 350 mm wing shares (Additional price per tine)	-	645000063A
Points 200 mm with hard metal plate (Additional price per tine)	-	645000044TA
Easy-Draft kit. 15 mm tine w/120 mm wear point. ED with hard metal plate. Max working depth: 250 mm. (Additional price per tine)	-	64509-24
Easy-Draft kit. 15 mm tine w/120 mm wear point. ED with hard metal plate. Max working depth: 250 mm. (Retro mounting per tine)	-	64509-37
120 mm wear point for Easy-Draft, with hard metal plate in center + wings (Additional price per tine)	-	645000056TA
200 mm wear point for Easy-Draft, with hard metal plate in center (Additional price per tine)	-	645000054A
200 mm wear point for Easy-Draft, with hard metal plate in center + wings (Additional price per tine)	-	645000054TA
Tine reinforcement, hard metal 60x15x15 mm incl. factory-mounting on new tine. (Additional price per tine)	-	645000083

Work Width, m	Description	Weight, kg	Item Number
3.00	Material damper guard	60	64512-80
3.50	Material damper guard	70	64512-81
4.00	Material damper guard	80	64512-82
3.00	Longfinger afterharrow for mounting behind roller. Spindle adjustment of working depth with possibility of weight transfer.	-	64512-73
3.50	Longfinger afterharrow for mounting behind roller. Spindle adjustment of working depth with possibility of weight transfer.	-	64512-74
4.00	Longfinger afterharrow for mounting behind roller. Spindle adjustment of working depth with possibility of weight transfer.	-	64512-75

MOUNTING SET FOR MULTI-SEEDER INCL. MOUNTING ON NEW COMBI-DISC - MAX. 300 KG LOAD IN FINE SEED HOPPER. PRICES AND INFO ON MULTI-SEEDER		
Work Width, m	Item Number - 8 Outlets	Item Number - 12 Outlets
3.00	64512-90	-
3.50	64512-91	-
4.00	64512-92	64512-93

Combi-Disc with the tines lifted free from the soil, meaning that only the Disc-Roller's function is in work.

Combi-Disc with the tines in max. working depth, ensuring a soil loosening, cultivation and a consolidation.

Tine design in Combi-Tiller MKII and Combi-Disc.

COMBI-DISC (TRAILED)

- 200 mm ”HE-VA Low draught and Low disturbance points” ensure optimum soil loosening with minimum mixing. This preserves the natural structure of each soil layer the natural structure of each soil layer.
- 400 mm tine staggering and hydr. depth control from 100 mm above ground for max. working depth of 400 mm – resulting in a perfect oxidation, drainage and soil loosening for the root system of the subsequent crop.
- ”Sabre disc” 510 mm scalloped disc and DSD-system, resulting in an improved cutting and soil mixing for a perfect seedbed.
- Available with 600 mm U-Profile roller with scraper ensuring a ”soil to soil” packing – with minimized flattening effect.
- Available with 600 mm or 700 mm V-Profile rollers with scrapers – ensuring a perfect consolidation of the soil for seeding or false seedbed - focusing on the fact that the structure in the soil surface is maintained.
- Available with 600 mm twin U-Profile roller, a maintenance-free solution. Each roller kept free from debris without the need for scrapers. The twin U-Profile roller fills with soil in the groove to ensure a “soil-to-soil” packing with minimized flattening effect. The soil is efficiently packed with a rough surface structure.
- Available with 600 mm twin V-Profile roller, a maintenance-free solution. Each roller kept free from debris without the need for scrapers. The twin V-Profile roller leaves the soil with a slightly corrugate-shaped surface, draining moisture more easily for faster heating and drying of the soil.

MACHINES

1-SECTION MODEL WITHOUT HYDRAULIC FOLDING
MAX. 350 HP

Model, m	Work / Transport Width, m	Roller Type	Stone Protection	No. of Tines	No. of Discs	Power Req., HP	Weight, kg	Item Number
3.00	2.75 / 3.00	U-Profile roller / 600 mm [1*]	Shear bolt	5	22	180-240	4,525	64513-29
3.00	2.75 / 3.00	U-Profile roller / 600 mm [1*]	Hydraulic	5	22	180-240	4,525	64512-36
3.00	2.75 / 3.00	V-Profile roller / 600 mm [1*]	Shear bolt	5	22	180-240	4,620	64513-25
3.00	2.75 / 3.00	V-Profile roller / 600 mm [1*]	Hydraulic	5	22	180-240	4,620	64512-32
3.00	2.75 / 3.00	V-Profile roller / 700 mm [1*]	Shear bolt	5	22	180-240	4,800	64513-26
3.00	2.75 / 3.00	V-Profile roller / 700 mm [1*]	Hydraulic	5	22	180-240	4,800	64512-33
3.00	2.75 / 3.00	Twin U-Profile 600-600 mm [1*]	Shear bolt	5	22	180-240	4,600	64513-28
3.00	2.75 / 3.00	Twin U-Profile 600-600 mm [1*]	Hydraulic	5	22	180-240	4,600	64512-35
3.00	2.75 / 3.00	Twin V-Profile 600-600 mm [1*]	Shear bolt	5	22	180-240	4,790	64513-27
3.00	2.75 / 3.00	Twin V-Profile 600-600 mm [1*]	Hydraulic	5	22	180-240	4,790	64512-34
3.50	3.25 / 3.50	U-Profile roller / 600 mm [1*]	Shear bolt	6	26	210-270	4,958	64513-34
3.50	3.25 / 3.50	U-Profile roller / 600 mm [1*]	Hydraulic	6	26	210-270	4,958	64512-46
3.50	3.25 / 3.50	V-Profile roller / 600 mm [1*]	Shear bolt	6	26	210-270	5,070	64513-30
3.50	3.25 / 3.50	V-Profile roller / 600 mm [1*]	Hydraulic	6	26	210-270	5,070	64512-42
3.50	3.25 / 3.50	V-Profile roller / 700 mm [1*]	Shear bolt	6	26	210-270	5,280	64513-31
3.50	3.25 / 3.50	V-Profile roller / 700 mm [1*]	Hydraulic	6	26	210-270	5,280	64512-43
3.50	3.25 / 3.50	Twin U-Profile 600-600 mm [1*]	Shear bolt	6	26	210-270	5,046	64513-33
3.50	3.25 / 3.50	Twin U-Profile 600-600 mm [1*]	Hydraulic	6	26	210-270	5,046	64512-45
3.50	3.25 / 3.50	Twin V-Profile 600-600 mm [1*]	Shear bolt	6	26	210-270	5,270	64513-32
3.50	3.25 / 3.50	Twin V-Profile 600-600 mm [1*]	Hydraulic	6	26	210-270	5,270	64512-44
4.00	3.75 / 4.00	U-Profile roller / 600 mm [1*]	Shear bolt	7	30	240-300	5,330	64513-39
4.00	3.75 / 4.00	U-Profile roller / 600 mm [1*]	Hydraulic	7	30	240-300	5,330	64512-49
4.00	3.75 / 4.00	V-Profile roller / 600 mm [1*]	Shear bolt	7	30	240-300	5,460	64513-35
4.00	3.75 / 4.00	V-Profile roller / 600 mm [1*]	Hydraulic	7	30	240-300	5,460	64512-52
4.00	3.75 / 4.00	V-Profile roller / 700 mm [1*]	Shear bolt	7	30	240-300	5,700	64513-36
4.00	3.75 / 4.00	V-Profile roller / 700 mm [1*]	Hydraulic	7	30	240-300	5,700	64512-53
4.00	3.75 / 4.00	Twin U-Profile 600-600 mm [1*]	Shear bolt	7	30	240-300	5,430	64513-38
4.00	3.75 / 4.00	Twin U-Profile 600-600 mm [1*]	Hydraulic	7	30	240-300	5,430	64512-50
4.00	3.75 / 4.00	Twin V-Profile 600-600 mm [1*]	Shear bolt	7	30	240-300	5,690	64513-37
4.00	3.75 / 4.00	Twin V-Profile 600-600 mm [1*]	Hydraulic	7	30	240-300	5,690	64512-54

[1]Requires 2 double-acting oil outlets and 1 single-acting oil outlet.*

MACHINES (CONTINUED)

2-SECTION MODELS WITH HYDRAULIC FOLDING MAX. 500 HP									
Model, m	Work Width, m	Transport Width, m	Roller Type	Stone Protection	No. of Tines	No. of Discs	Power Req., HP	Weight, kg	Item Number
4.50	4.25	2.61	U-Profile roller / 600 mm [1*]	Quick-Push	7	34	300-400	5,375	64513-09
4.50	4.25	2.61	U-Profile roller / 600 mm [1*]	Hydraulic	7	34	300-400	5,525	64513-10
4.50	4.25	2.61	V-Profile roller / 600 mm [1*]	Quick-Push	7	34	300-400	5,540	64513-01
4.50	4.25	2.61	V-Profile roller / 600 mm [1*]	Hydraulic	7	34	300-400	5,690	64513-05
4.50	4.25	2.61	V-Profile roller / 700 mm [1*]	Quick-Push	7	34	300-400	5,810	64513-02
4.50	4.25	2.61	V-Profile roller / 700 mm [1*]	Hydraulic	7	34	300-400	5,960	64513-06
4.50	4.25	2.61	Twin U-Profile 600-600 mm [1*]	Quick-Push	7	34	300-400	5,520	64513-04
4.50	4.25	2.61	Twin U-Profile 600-600 mm [1*]	Hydraulic	7	34	300-400	5,670	64513-08
4.50	4.25	2.61	Twin V-Profile 600-600 mm [1*]	Quick-Push	7	34	300-400	5,850	64513-03
4.50	4.25	2.61	Twin V-Profile 600-600 mm [1*]	Hydraulic	7	34	300-400	6,000	64513-07
5.50	5.25	2.61	U-Profile roller / 600 mm [1*]	Quick-Push	9	42	350-450	6,315	64513-19
5.50	5.25	2.61	U-Profile roller / 600 mm [1*]	Hydraulic	9	42	350-450	6,465	64513-20
5.50	5.25	2.61	V-Profile roller / 600 mm [1*]	Quick-Push	9	42	350-450	6,490	64513-11
5.50	5.25	2.61	V-Profile roller / 600 mm [1*]	Hydraulic	9	42	350-450	6,640	64513-15
5.50	5.25	2.61	V-Profile roller / 700 mm [1*]	Quick-Push	9	42	350-450	6,820	64513-12
5.50	5.25	2.61	V-Profile roller / 700 mm [1*]	Hydraulic	9	42	350-450	6,970	64513-16
5.50	5.25	2.61	Twin U-Profile 600-600 mm [1*]	Quick-Push	9	42	350-450	6,460	64513-13
5.50	5.25	2.61	Twin U-Profile 600-600 mm [1*]	Hydraulic	9	42	350-450	6,610	64513-17
5.50	5.25	2.61	Twin V-Profile 600-600 mm [1*]	Quick-Push	9	42	350-450	6,810	64513-14
5.50	5.25	2.61	Twin V-Profile 600-600 mm [1*]	Hydraulic	9	42	350-450	6,960	64513-18

[1]Requires 3 double-acting oil outlets and 1 single-acting oil outlet.*

Ø600 mm U-Profile Roller Twin

Ø600 mm V-Profile Roller Twin

STANDARD EQUIPMENT

- Stone protection of tines: Hydraulic automatic release system or Quick-Push stone protection with 8 steps per bolt.
- For models w/2 sections: 1 set of support wheels, spindle adjustable: 2 pcs. 300/65x12 - 8 PLY (however, not in combination with disc in front of the tine).
- Hydraulic adjustment of the working depth for both tines and disc.
- Stone protection of disc via rubber suspended disc-arms.
- Edge equipment with disc for retain soil on right side.
- Scraper between the rings on the single U and V-Profile roller.
- 200 mm wide wearing point.

- Ball joint towing eye :
  - 3.00 - 4.00 m: Cat 3 Ø39 mm, item no.: 630757111
  - 4.50 - 5.50 m: Cat 4 Ø51 mm, item no.: 630757112

- Wheels
  - 3.00 - 4.00 m. 1-section: 400/60x15.5 - 16 PLY
  - 4.50 and 5.50 m. 2-section: 500/50x17.0 - 18 PLY

- Transport width
  - 1-section models are identical to model designation
  - 2-section models are 2.61 m.

EXTRA EQUIPMENT

DISC Ø470 MM - IN FRONT OF TINE STONE PROTECTION VIA RUBBER SUSPENSION. MAINTENANCE FREE BEARINGS.			
Work Width, m	No. of Tines	Weight, kg	Item Number
3.00	5	280	64512-61
3.50	6	332	64512-62
4.00	7	384	64512-63
4.50	7	436	64512-65
5.50	9	488	64512-66

EXTRA EQUIPMENT (CONTINUED)

Work Width, m	Type	Description	Weight, kg	Item Number
	1-sect.	LED lights w/wire and socket, trailed models		64513-70
	2-sect.	LED lights w/wire and socket, trailed models		64513-71
-	1-sect. rigid	1 set of support wheels, adjustable by spindles,2 pcs 200/60x 14.5 10 PLY N.B.: Not in combination with disc in front of the tine.	-	64519-30
-	-	HPV-Controller: El-hydr. operation of 4 functions	7	3409430
3.00 - 4.00	-	Electrical depth stop	4	63091-85
4.50 - 5.50	-	Electrical depth stop	4	63092-85
3.50 - 4.00	-	Wheel 500/50x17-18 PLY (Additional price per set)		3409750
3.00 - 5.50	-	Air brakes	18	63093-96
3.00 - 5.50	-	Hydraulic brakes	7	63093-94
-	-	Points with 120 mm wing shares (Price reduction per tine)	-	645000043A
-	-	Points 120 mm with hard metal plate (Additional price per tine)	-	645000043TA
-	-	Points with 350 mm wing shares (Additional price per tine)	-	645000063A
-	-	Points 200 mm with hard metal plate (Additional price per tine)	-	645000044TA
-	1-sect. rigid	Easy-Draft kit. 15 mm tine w/120 mm wear point. ED with hard metal plate. Max working depth: 250 mm. (Additional price per tine)	-	64509-24
-	1-sect. rigid	Easy-Draft kit. 15 mm tine w/120 mm wear point. ED with hard metal plate. Max working depth: 250 mm. (Retro mounting per tine)	-	64509-37
-	2-sect. hydr.	Easy-Draft kit. 15 mm tine w/120 mm wear point. ED with hard metal plate. Max working depth: 250 mm. Quick-Push (Additional price per tine)	-	64512-06
-	2-sect. hydr.	Easy-Draft kit. 15 mm tine w/120 mm wear point. ED with hard metal plate. Max working depth: 250 mm. Quick-Push (Retro mounting per tine)	-	64512-05
-	2-sect. hydr.	Easy-Draft kit. 15 mm tine w/120 mm wear point. ED with hard metal plate. Max working depth: 250 mm. Hydraulic auto. (Additional price per tine)	-	64512-16
-	2-sect. hydr.	Easy-Draft kit. 15 mm tine w/120 mm wear point. ED with hard metal plate. Max working depth: 250 mm. Hydraulic auto. (Retro mounting per tine)	-	64512-15
-	-	120 mm wear point for Easy-Draft, with hard metal plate in center + wings (Additional price per tine)	-	645000056TA
-	-	200 mm wear point for Easy-Draft, with hard metal plate in center (Additional price per tine)	-	645000054A
-	-	200 mm wear point for Easy-Draft, with hard metal plate in center + wings (Additional price per tine)	-	645000054TA
-	-	Tine reinforcement, hard metal 60x15x15 mm incl. factory-mounting on new tine. (Additional price per tine)	-	645000083
3.00	1-sect. rigid	Material damper guard	60	64512-80
3.50	1-sect. rigid	Material damper guard	70	64512-81
4.00	1-sect. rigid	Material damper guard	80	64512-82
4.50	2-sect. hydr.	Material damper guard	105	63092-97
5.50	2-sect. hydr.	Material damper guard	120	63093-97

LONGFINGER AFTERHARROW AFTER ROLLER.
SPINDLE ADJUSTMENT OF WORKING DEPTH W/POSSIBILITY OF WEIGHT TRANSFER.

Work Width, m	Description	Item Number
2.50	For three-point mounted model	63090-50
3.00	For three-point mounted model	63094-50
3.50	For three-point mounted model	63095-50
4.00	For three-point mounted model	63096-50
2.50	For trailed model - mounted behind transport wheels	63093-51
3.00	For trailed model - mounted behind transport wheels	63091-51
3.50	For trailed model - mounted behind transport wheels	63096-51
4.00	For trailed model - mounted behind transport wheels	63092-51
4.50	For trailed model - mounted behind transport wheels	64513-73
5.50	For trailed model - mounted behind transport wheels	64513-74

MOUNTING SET FOR MULTI-SEEDER - MAX. 300 KG LOAD IN THE FINE SEED HOPPER.
PRICES AND INFO ON MULTI-SEEDER

Work Width, m	Description	Item Number 8 Outlets	Item Number 12 Outlets	Item Number 16 Outlets
3.00	without Auto-Controller / EC [1*]	63091-17	-	-
3.00	with Auto-Controller / EC	63091-18	-	-
3.50	without Auto-Controller / EC [1*]	63096-16	-	-
3.50	with Auto-Controller / EC	63096-17	-	-
4.00	without Auto-Controller / EC [1*]	63092-15	-	-
4.00	with Auto-Controller / EC	63092-23	-	-
4.50	without Auto-Controller / EC [1*]	63092-17	63092-24	63092-20
4.50	with Auto-Controller / EC	63092-21	63092-25	63092-22
5.50	without Auto-Controller / EC [1*]	63093-15	63093-23	63093-20
5.50	with Auto-Controller / EC	63093-21	63093-24	63093-22

[1]Standard with hydraulic lifting of seed wheel - requires 1 additional double-acting oil outlet*