

SUB-TILLER (THREE-POINT MOUNTED)



3.00 m Sub-Tiller rigid with 5 tines, V-profile roller and hydr. auto release system.



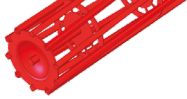
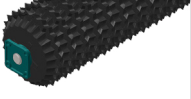
5.00 m Sub-Tiller with V-profile rings and hydraulic automatic stone protection



4.00 m with hydr. fold., 7 tines, V-profile roller and Quick-Push stone protection.

- Strong frame construction, 180x260x8 mm sectional tubes.
- Good clearance with a frame height of 820 mm.
- Safe parking by support of the roller being placed in minimum working depth.
- Hydraulic automatic or "Quick-Push" stone protection.
- Hydraulic depth control via the roller from 0 mm to max 600 mm.
- Infinitely variable tine spacing, depending on the models and number of tines.
- Tine height under the frame 820 mm.
- Max. working depth 600 mm.

MACHINES

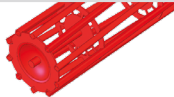
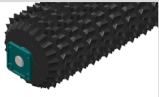
Work Width, m	Type	Stone Protection	No. of Tines	Row Spacing, cm	Power Req., HP	Max HP			
							Square Tube Roller Ø550 mm	V-Profile Roller Ø600 mm	Star Roller Ø450/500 mm
							Item Number	Item Number	Item Number
2.00	Rigid	Quick-Push	^{1*} 2	150	60-80	250	64502-02	64502-14	64504-60
2.00	Rigid	Quick-Push	^{1*} 3	67	90-120	250	64502-06	64502-10	64504-61
2.00	Rigid	Hydr.auto.	^{1*} 2	150	60-80	250	64502-04	64502-16	64504-62
2.00	Rigid	Hydr.auto.	^{1*} 3	67	90-120	250	64502-08	64502-12	64504-63
2.50	Rigid	Quick-Push	^{1*} 2	180	60-80	350	64501-01	64503-01	64504-01
2.50	Rigid	Quick-Push	^{1*} 3	90	90-120	350	64501-02	64503-02	64504-02
2.50	Rigid	Hydr.auto.	^{1*} 2	180	60-80	350	64501-06	64503-06	64504-06
2.50	Rigid	Hydr.auto.	^{1*} 3	90	90-120	350	64501-07	64503-07	64504-07
3.00	Rigid	Quick-Push	^{1*} 2	200	60-80	350	64501-11	64503-11	64504-11
3.00	Rigid	Quick-Push	^{1*} 3	100	90-120	350	64501-12	64503-12	64504-12
3.00	Rigid	Quick-Push	^{1*} 5	60	135-200	350	64501-13	64503-13	64504-13
3.00	Rigid	Hydr.auto.	^{1*} 2	200	60-80	350	64501-16	64503-16	64504-16
3.00	Rigid	Hydr.auto.	^{1*} 3	100	90-120	350	64501-17	64503-17	64504-17
3.00	Rigid	Hydr.auto.	^{1*} 5	60	135-200	350	64501-18	64503-18	64504-18
3.50	Rigid	Quick-Push	^{1*} 5	65	140-200	350	64501-20	64503-20	64504-20
3.50	Rigid	Quick-Push	^{1*} 7	50	190-280	350	64501-21	64503-21	64504-21
3.50	Rigid	Hydr.auto.	^{1*} 5	65	140-200	350	64501-26	64503-26	64504-26
3.50	Rigid	Hydr.auto.	^{1*} 7	50	190-280	350	64501-27	64503-27	64504-27
4.00	Rigid	Quick-Push	^{1*} 7	57	200-280	350	64501-30	64503-30	64504-30
4.00	Rigid	Hydr.auto.	^{1*} 7	57	200-280	350	64501-36	64503-36	64504-36
4.00	Hydr.	Quick-Push	^{2*} 7	57	200-280	450	64501-40	64503-40	64504-40
4.00	Hydr.	Hydr.auto.	^{2*} 7	57	200-280	450	64501-46	64503-46	64504-46
5.00	Hydr.	Quick-Push	^{2*} 9	55.5	260-360	450	64501-51	64503-51	64504-51
5.00	Hydr.	Hydr.auto.	^{2*} 9	55.5	260-360	450	64501-57	64503-57	64504-57

^{1*}Requires 1 double-acting oil outlet

^{2*}Requires 2 double-acting oil outlets

IMPORTANT: If a change of stated row spacing is wanted, please inform when placing an order.

MACHINES (CONTINUED)

									
							Square Tube Roller Ø550 mm	V-Profile Roller Ø600 mm	Star Roller Ø450/500 mm
Work Width, m	Type	Stone Protection	No. of Tines	Total Tine Spacing between Outer Tines, cm	Transport Width, m	Weight, kg			
2.00	Rigid	Quick-Push 1*	2	145	2.00	815	1,165	1,255	
2.00	Rigid	Quick-Push 1*	3	145	2.00	900	1,250	1,340	
2.00	Rigid	Hydr.auto. 1*	2	145	2.00	885	1,235	1,325	
2.00	Rigid	Hydr.auto. 1*	3	145	2.00	1,005	1,355	1,445	
2.50	Rigid	Quick-Push 1*	2	195	2.50	900	1,415	1,470	
2.50	Rigid	Quick-Push 1*	3	195	2.50	985	1,500	1,555	
2.50	Rigid	Hydr.auto. 1*	2	195	2.50	970	1,485	2,055	
2.50	Rigid	Hydr.auto. 1*	3	195	2.50	1,090	1,605	1,660	
3.00	Rigid	Quick-Push 1*	2	245	3.00	975	1,595	1,685	
3.00	Rigid	Quick-Push 1*	3	245	3.00	1,060	1,680	1,770	
3.00	Rigid	Quick-Push 1*	5	245	3.00	1,230	1,850	1,940	
3.00	Rigid	Hydr.auto. 1*	2	245	3.00	1,050	1,665	1,760	
3.00	Rigid	Hydr.auto. 1*	3	245	3.00	1,170	1,785	1,880	
3.00	Rigid	Hydr.auto. 1*	5	245	3.00	1,410	2,025	2,120	
3.50	Rigid	Quick-Push 1*	5	295	3.50	1,310	2,030	2,150	
3.50	Rigid	Quick-Push 1*	7	295	3.50	1,480	2,200	2,320	
3.50	Rigid	Hydr.auto. 1*	5	295	3.50	1,490	2,210	2,330	
3.50	Rigid	Hydr.auto. 1*	7	295	3.50	1,720	2,440	2,560	
4.00	Rigid	Quick-Push 1*	7	345	4.00	1,560	2,380	2,530	
4.00	Rigid	Hydr.auto. 1*	7	345	4.00	1,640	2,620	2,610	
4.00	Hydr.	Quick-Push 2*	7	345	2.43	1,910	2,730	2,880	
4.00	Hydr.	Hydr.auto. 2*	7	345	2.43	1,990	2,970	2,960	
5.00	Hydr.	Quick-Push 2*	9	445	2.43	2,240	3,260	3,470	
5.00	Hydr.	Hydr.auto. 2*	9	445	2.43	2,390	3,690	3,620	

1*Requires 1 double-acting oil outlet
2*Requires 2 double-acting oil outlets

IMPORTANT: If a change of stated row spacing is wanted, please inform when placing an order.

STANDARD EQUIPMENT

- For Quick-Push stone protection: 8 steps per bolt.
- Hydr. depth control via the roller
- Points w/200mm wing shares, mounted on 25mm tine.
- Scraper between the V-Profile rings.
- Cat. 3/4 pins, locking pins.

EXTRA EQUIPMENT (CONTINUED)

Description	Weight, kg	Item Number
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. Quick-Push stone protection (Additional price per tine)	-	64509-12
Easy-Draft kit. 15 mm tine w/120 mm wear point. ED with hard metal plate. Max working depth: 250 mm. Quick-Push stone protection (Retro mounting per tine)	90	64509-16
Easy-Draft kit. 15 mm tine w/120 mm wear point. ED with hard metal plate. Max working depth: 250 mm. Hydraulic auto release (Additional price per tine)	-	64509-09
Easy-Draft kit. 15 mm tine w/120 mm wear point. ED with hard metal plate. Max working depth: 250 mm. Hydraulic auto release (Retro mounting per tine)	125	64509-17
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
Cat.II pins for three point mounting (Additional price)	-	64509-08
Set of reflective warning boards (2 pieces)	-	67055-74
LED lights complete w/wire and socket, mounted on rigid models	3	64509-01
LED lights complete w/wire and socket, mounted on hydraulic models (for machines without a mounting set for Multi-Seeder)	3	64509-03
LED lights complete w/wire and socket, for hydraulic models with mounting set for Multi-Seeder (provided that the machine is mounted with a mounting set for Multi-Seeder)	3	64509-02
Tine for retro mounting cpl., Quick-Push stone protection, left	85	64509-10
Tine for retro mounting cpl., Quick-Push stone protection, right+centre	85	64509-11
Tine for retro mounting complete, hydr. stone protection, left	121	64509-14
Tine for retro mounting complete, hydr. stone protection, right+centre	121	64509-15
Disc Ø470mm in front of tine, stone protected via rubber suspension, bearings without maintenance, not possible for foldable models. (not for retro mounting) (Price per tine)	23	64509-31
Frame for discs for 3.0 m. models (excl. Ø470 mm discs).	67	64509-85
Frame for discs for 3.5 m. models (excl. Ø470 mm discs).	67	64509-87
Frame for discs for 4.0 m. models - not for foldable models (excl. Ø470 mm discs) (Not possible on 4.00 and 5.00 m foldable).	67	64509-89

¹Sub-Tiller is extended 550 mm, to make space for disc in front of tine and thus bigger lifting requirement.

RECOMMENDED FOR EXTREME CONDITIONS

Description	Weight, kg	Item Number
Tine reinforcement, hard metal 60x15x15 mm incl. factory-mounting on new tine. (Additional price per tine)	-	645000083
Tine reinforcement, hard metal 60x25x15 mm incl. factory fitting on new tine. Recommended when tilling > 350 mm. (Additional price per tine)	-	645000085
Reinforcement of the main frame. Recommended for extreme conditions (stones and cliffs). Cannot be used in combination with discs. Not possible for foldable models.	58	64509-32
Extra accumulation tank (Standard 2 pcs. included)	9	64509-04
Return circuit from release system. Recommended for difficult, rocky, extreme conditions. (Price per tine)	-	64509-54



Frame for roller coulters with roller coulters Ø470 mm.



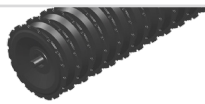
Sub-Tiller with Multi-Seeder 1,150 L

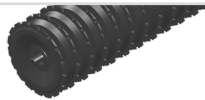
SUB-TILLER (TRAILED)



- Optimal clearance with a frame height of 820 mm.
- Strong frame construction, 180x260x8 mm sectional tubes.
- Hydr. depth control via the roller from 0 mm to max 600 mm
- Hydraulic automatic or "Quick-Push" stone protection.
- Infinitely variable tine spacing, depending on the models and number of tines.
- Tine height under the frame 820 mm.
- Max. working depth 600 mm.

MACHINES

									
							V-Profile Roller Ø600 mm	V-Profile Roller Ø700 mm	
Work Width, m	Type	Stone Protection	No. of Tines	Row Spacing, cm	Power Req., HP	Max HP	Item Number	Item Number	
4.00	Hydr.	Quick-Push	1*	7	57	220-320	600	64500-00	64500-03
4.00	Hydr.	Hydr. auto.	1*	7	57	220-320	600	64500-02	64500-04
5.00	Hydr.	Quick-Push	1*	9	55.5	260-360	650	64500-07	64500-09
5.00	Hydr.	Hydr. auto.	1*	9	55.5	260-360	650	64500-08	64500-10
6.00	Hydr.	Quick-Push	1*	11	54.5	300-500	650	64500-12	64500-14
6.00	Hydr.	Hydr. auto.	1*	11	54.5	300-500	650	64500-13	64500-15
7.00	Hydr.	Quick-Push	1*	13	53.8	400-600	650	64500-16	64500-18
7.00	Hydr.	Hydr. auto.	1*	13	53.8	400-600	650	64500-17	64500-19

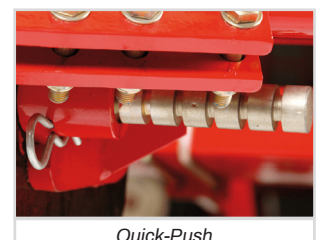
								
						V-Profile Roller Ø600 mm	V-Profile Roller Ø700 mm	
Work Width, m	Type	Stone Protection	No. of Tines	Row Spacing, cm	Transport Width, m	Weight, kg	Weight, kg	
4.00	Hydr.	Quick-Push	1*	7	57	2.43	5,200	5,600
4.00	Hydr.	Hydr. auto.	1*	7	57	2.43	5,200	6,000
5.00	Hydr.	Quick-Push	1*	9	55.5	2.43	5,700	5,900
5.00	Hydr.	Hydr. auto.	1*	9	55.5	2.43	5,860	6,060
6.00	Hydr.	Quick-Push	1*	11	54.5	2.43	6,200	6,500
6.00	Hydr.	Hydr. auto.	1*	11	54.5	2.43	6,400	6,700
7.00	Hydr.	Quick-Push	1*	13	53.8	2.43	6,800	7,150
7.00	Hydr.	Hydr. auto.	1*	13	53.8	2.43	7,030	7,380

*Requires 3 double-acting oil outlets.

IMPORTANT: If a change of stated row spacing is wanted, please inform when placing an order.

STANDARD EQUIPMENT

- Wheels: 560/45 R 22.5 - 152D.
- Hydr. support wheel 300x65/12 8 PLY, in front (not mounted on trailed Sub-Tiller with discs)
- Ball joint towing eye, cat. 4 / Ø51 mm, item no.. 630757112
- Hydr. depth control via the roller and support wheel.
- For Quick-push stone protection: 8 steps per bolt.
- Scraper between the rings.
- Points with 200 mm wing shares, mounted on 25 mm wide tine.



Quick-Push

EXTRA EQUIPMENT (CONTINUED)

Description	Weight, kg	Item Number
LED lights cpl. with wire and socket, mounted	-	64500-05
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. Quick-Push stone protection (Additional price per tine)	-	64509-12
Easy-Draft kit. 15 mm tine w/120 mm wear point. ED with hard metal plate. Max working depth: 250 mm. Quick-Push stone protection (Retro mounting per tine)	90	64509-16
Easy-Draft kit. 15 mm tine w/120 mm wear point. ED with hard metal plate. Max working depth: 250 mm. Hydraulic auto release (Additional price per tine)	-	64509-09
Easy-Draft kit. 15 mm tine w/120 mm wear point. ED with hard metal plate. Max working depth: 250 mm. Hydraulic auto release (Retro mounting per tine)	125	64509-17
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 for retro mounting complete, Quick-Push stone protection, left	85	64509-10
Tine for retro mounting complete, Quick-Push stone protection, right + center	85	64509-11
Tine for retro mounting complete, Hydraulic stone protection, left	121	64509-18
Tine for retro mounting complete, Hydraulic stone protection, right + center	121	64509-19
Air brakes, factory-mounted	18	64509-34
Hydraulic brakes, factory-mounted	7	64509-33
Discs for 4.00 m. - with Ø470 mm discs in front of tine, turnable and protected from stones via rubber suspension, maintenance free bearings (not for retro mounting)	180	64509-95
Discs for 5.00 m. - with Ø470 mm discs in front of tine, turnable and protected from stones via rubber suspension, maintenance free bearings (not for retro mounting)	235	64509-96
Discs for 6.00 m. - with Ø470 mm discs in front of tine, turnable and protected from stones via rubber suspension, maintenance free bearings (not for retro mounting)	285	64509-97
Discs for 7.00 m. - with Ø470 mm discs in front of tine, turnable and protected from stones via rubber suspension, maintenance free bearings (not for retro mounting)	340	64509-98
Extra discs	52	64509-99



RECOMMENDED FOR EXTREME CONDITIONS

Description	Weight, kg	Item Number
Tine reinforcement, hard metal 60x15x15mm incl. factory-mounting on new tine (Additional price per tine)	-	645000083
Tine reinforcement, tungsten 60x25x15mm including factory mounting on a new tine. Is Recommended for soil loosening >350 mm. (Additional price per tine)	-	645000085
Extra accumulator tank (Standard 4 pcs. included) Recommended in extreme conditions (stones and rocks)	9	64509-06
Return circuit from release system. Recommended for difficult, rocky, extreme conditions. (Price per tine)	-	64509-54

SUB-TILLER COMBI



- Intended as front tool / tool carrier for maize seed drills.
- Loosens the soil down to 40 cm. depth in front of each crop row.
- Net weight of approx. 10 tons ensures extremely stabile depth control.
- Standard fitted with 4-ton double-acting lift at the rear.
- Various possibilities for the composition of the machine

Work Width, m	No. of Tines	Row Spacing
6.00 m	8	75
6.00 m	12	45

TILL SEEDING



RAPE EQUIPMENT - SUB-TILLER

Mounting set for Multi-Seeder, incl. mounting on a new Sub-Tiller.

One special dosing roll for rape/fertilizer is included in the price.

One of the following seeding methods is to be chosen as well as one of the Multi-Seeder models.

When sowing with disc coulters, a parallelogram-suspended Hatzenbichler disc coulters with double disc is used. The disc has a diameter of Ø350 and a thickness of 3 mm, while the pressure roller has a diameter of Ø330 and is either 75 or 50 mm wide.



Band seeding
before the
packer roller

Seeding with disc
coulters with 75
mm wide depth/
press wheel. 1 row
placed in centre
line of the tine,
after packer roller.

Seeding with disc
coulters
(12 cm. btw./coulters)
with 75 mm wide
depth/press wheel.
Placed in 2 rows
around centre line of
the tine, after packer
roller.

Work Width, m	Type	Description	No. of Tines	Item Number	Item Number	Item Number
THREE-POINT MOUNTED						
3.00	Rigid	Multi-Seeder without Auto-Controller	5	64507-12	64508-12	64510-12
3.00	Rigid	Multi-Seeder with Auto-Controller	1*	5	64507-13	64508-13
3.50	Rigid	Multi-Seeder without Auto-Controller	7	64507-14	64508-14	64510-14
3.50	Rigid	Multi-Seeder with Auto-Controller	1*	7	64507-15	64508-15
4.00	Rigid	Multi-Seeder without Auto-Controller	7	64507-16	64508-16	64510-16
4.00	Rigid	Multi-Seeder with Auto-Controller	1*	7	64507-17	64508-17
4.00	Hydraulic	Multi-Seeder with Auto-Controller	1*	7	64507-19	64508-22
5.00	Hydraulic	Multi-Seeder with Auto-Controller	1*	9	64507-21	64508-23
TRAILED						
4.00	Hydraulic	Multi-Seeder with Auto-Controller	1*	7	64507-25	64508-27
5.00	Hydraulic	Multi-Seeder with Auto-Controller	1*	9	64507-22	64508-24
6.00	Hydraulic	Multi-Seeder with Auto-Controller	1*	11	64507-23	64508-25
7.00	Hydraulic	Multi-Seeder with Auto-Controller	1*	13	64507-24	64508-26
3.00 - 4.00	Rigid	Platform w/steps. Recommended 2, when mounting fertilizer tank. (Price per unit)	-	64509-50	64509-50	64509-50
4.00 - 7.00	Hydraulic	Platform with steps	-	63099-50	63099-50	63099-50
50 mm narrow depth-press wheel, suitable for clay soil and sticky soil types (not suitable for lighter soil types).			2*	-	0516898	0516898

*If multiple Multi-Seeders are mounted with Auto-Controller, up to 3 Multi-Seeders are operated from the same monitor in the cabin (not Front-Tank).

*Same price but item number must be used.

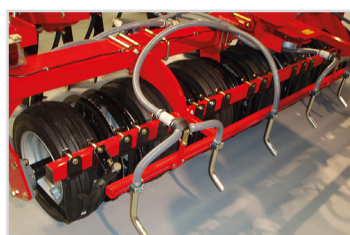
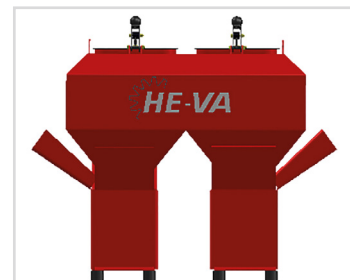


SLUG POISON EQUIPMENT - SUB-TILLER

Mounting set for Multi-Seeder, model TWIN or an extra Multi-Seeder, incl. mounting on a new Sub-Tiller.

One special dosing roll for slug poison is included in the price.

One of the following solutions is to be chosen as well as one of the Multi-Seeder models.



PLACEMENT OF SLUG POISON IN BANDS AFTER THE ROLLER OR DEPTH WHEEL.

Work Width, m	Type	No. of Tines	Item Number
THREE-POINT MOUNTED			
3.00	Rigid	5	64509-62
3.50	Rigid	7	64509-66
4.00	Rigid	7	64509-70
4.00	Hydraulic	7	64509-74
5.00	Hydraulic	9	64509-78
TRAILED			
4.00	Hydraulic	7	64509-75
5.00	Hydraulic	9	64509-79
6.00	Hydraulic	11	64509-80
7.00	Hydraulic	13	64509-81

**If multiple Multi-Seeders are mounted with Auto-Controller, up to 3 Multi-Seeders are operated from the same monitor in the cabin (not Front-Tank).*

FERTILIZER EQUIPMENT - SUB-TILLER

Mounting set for Multi-Seeder and Front-Tank, incl. mounting on a new Sub-Tiller.

Please choose one of the following solutions alongside a Multi-Seeder model or Front-Tank.



Multi-Seeder



Front-Tank

FERTILIZER EQUIPMENT PLACES THE FERTILIZER JUST AFTER THE TINE FOR MIXING IN 2-10 CM

Work Width, m	Type	Description	No. of Tines	Item Number
THREE-POINT MOUNTED				
3.00	Rigid	HE-VA Front-Tank	5	64506-05
3.00	Rigid	Multi-Seeder without Auto-Controller	2*	64506-12
3.00	Rigid	Multi-Seeder with Auto-Controller	1*/2*	64506-13
3.50	Rigid	HE-VA Front-Tank	7	64506-06
3.50	Rigid	Multi-Seeder without Auto-Controller	2*	64506-14
3.50	Rigid	Multi-Seeder with Auto-Controller	1*/2*	64506-15
4.00	Rigid	HE-VA Front-Tank	7	64506-07
4.00	Rigid	Multi-Seeder with Auto-Controller	1*/2*	64506-17
4.00	Hydr.	HE-VA Front-Tank	7	64506-08
5.00	Hydr.	HE-VA Front-Tank	9	64506-09
TRAILED				
4.00	Hydr.	HE-VA Front-Tank	7	64506-19
4.00	Hydr.	HE-VA Front-Tank mounted on Sub-Tiller	7	64506-39
4.00	Hydr.	HE-VA Front-Tank mounted on Sub-Tiller with discs	7	64506-40
5.00	Hydr.	HE-VA Front-Tank	9	64506-10
5.00	Hydr.	HE-VA Front-Tank mounted on Sub-Tiller	9	64506-30
5.00	Hydr.	HE-VA Front-Tank mounted on Sub-Tiller with discs	9	64506-41
6.00	Hydr.	HE-VA Front-Tank	11	64506-11
6.00	Hydr.	HE-VA Front-Tank mounted on Sub-Tiller	11	64506-33
6.00	Hydr.	HE-VA Front-Tank mounted on Sub-Tiller with discs	11	64506-42
7.00	Hydr.	HE-VA Front-Tank	13	64506-18
7.00	Hydr.	HE-VA Front-Tank mounted on Sub-Tiller	13	64506-36
7.00	Hydr.	HE-VA Front-Tank mounted on Sub-Tiller with discs	13	64506-43

**1If multiple Multi-Seeders are mounted with Auto-Controller, up to 3 Multi-Seeders are operated from the same monitor in the cabin (not Front-Tank).*

**2The hydraulic fan is equipped with air distributor with 2 or 3 outlets and will also supply the Multi-Seeders with air.*