

The effective technology and complex services

Farmet[®]



PRODUCT RANGE

FARMET AGRICULTURAL MACHINERY



2018



eXtra STEEL line[®]
ultra high strength steel technology

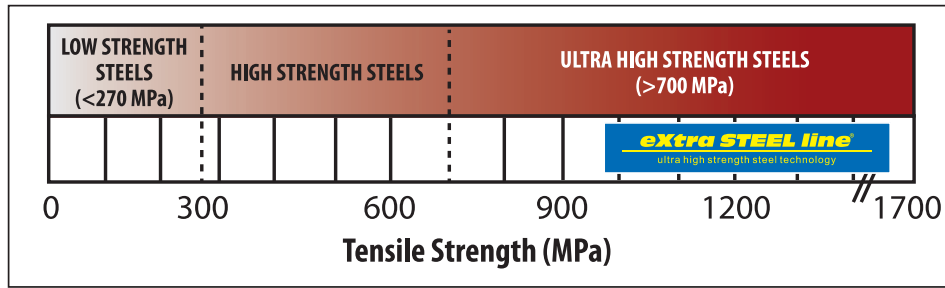


Farmet a. s. is the Czech engineering company with the tradition since 1992. Its production program is divided into two divisions. **Agricultural Machinery Division** specializes in the development and production of agricultural machines for the soil treatment and sowing. **Oil & Feed Tech Division** is the leading global manufacturer and supplier of technologies of processing oilseeds, vegetable oil refining and filtration, and feed extrusion.



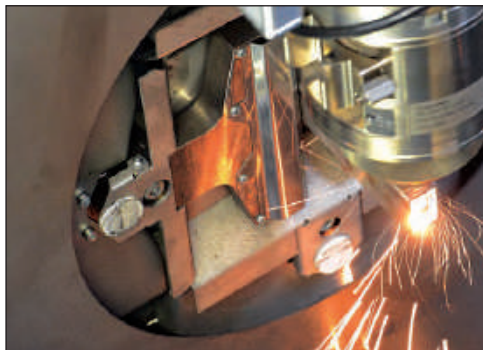
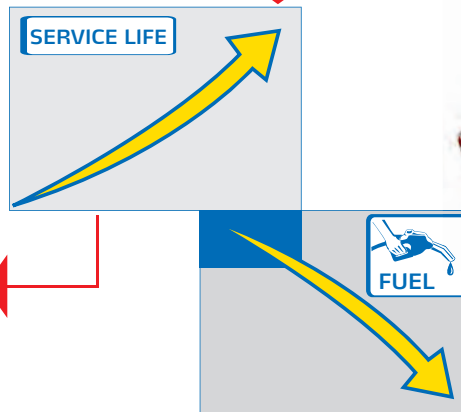
eXtra STEEL line®

ultra high strength steel technology



Frame from high-strength steel

- 3 times higher strength and high flexibility of construction
- Significantly lower weight of machine
- Used on frame, working units and extremely burdened parts
- For extended service life of machine
- Fuel economy




CONTENT

SHALLOW SOIL PROCESSING

 | 4–15 cm




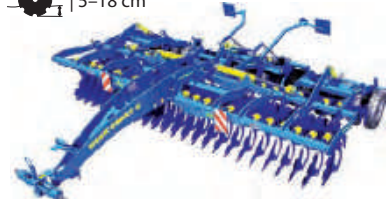
FANTOM | 6

 | 3,5–12 cm




**SOFTER
SOFTER & SYNCULT** | 10

 | 5–18 cm



DISKOMAT | 16




DEEP SOIL PROCESSING

 | 10–35 cm

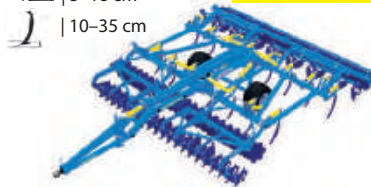
NEW




**TERRIX
TERRIX DUAL** | 20

 | 3,5–12 cm
 | 5–18 cm
 | 10–35 cm

NEW




TRITON | 22

 | 6–35 cm



**TRIOLENT
DUOLENT** | 24

 | 6–35 cm




FERTIS | 30

 | 20–35 cm




STRIP-TILL | 31

 | 25–50 cm




DIGGER | 34

 | 25–50 cm



**DIGGER FERT+
DIGGER FERT+ COMPACT** | 37

 | 30–60 cm




KRTEK | 38

PRESOWING PREPARATION

 | 0–10 cm



KOMPAKTOMAT | 40

 | 0–10 cm



DV | 49



VERSO | 50

SOWING



FALCON PRO | 54



FALCON STRIP | 60



NEW

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OIL & FEED TECH



OIL & FEED TECH | 76

FANTOM

share cultivators



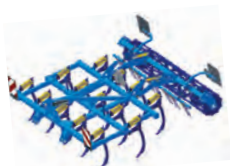
Cultivator Fantom is especially suitable for **full-area post harvest stubble-breaking with intensive mixing effect**. The soil is processed up to the depth of 15 cm. It allows stubble-breaking, loosening and pre-sowing preparations.



40–150 mm (1.6–6 in)

8–12 km/h
5–7 mph

extra STEEL line®
ultra high strength steel technology



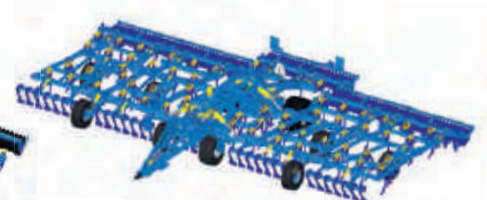
N



NS



CLASSIC



PRO

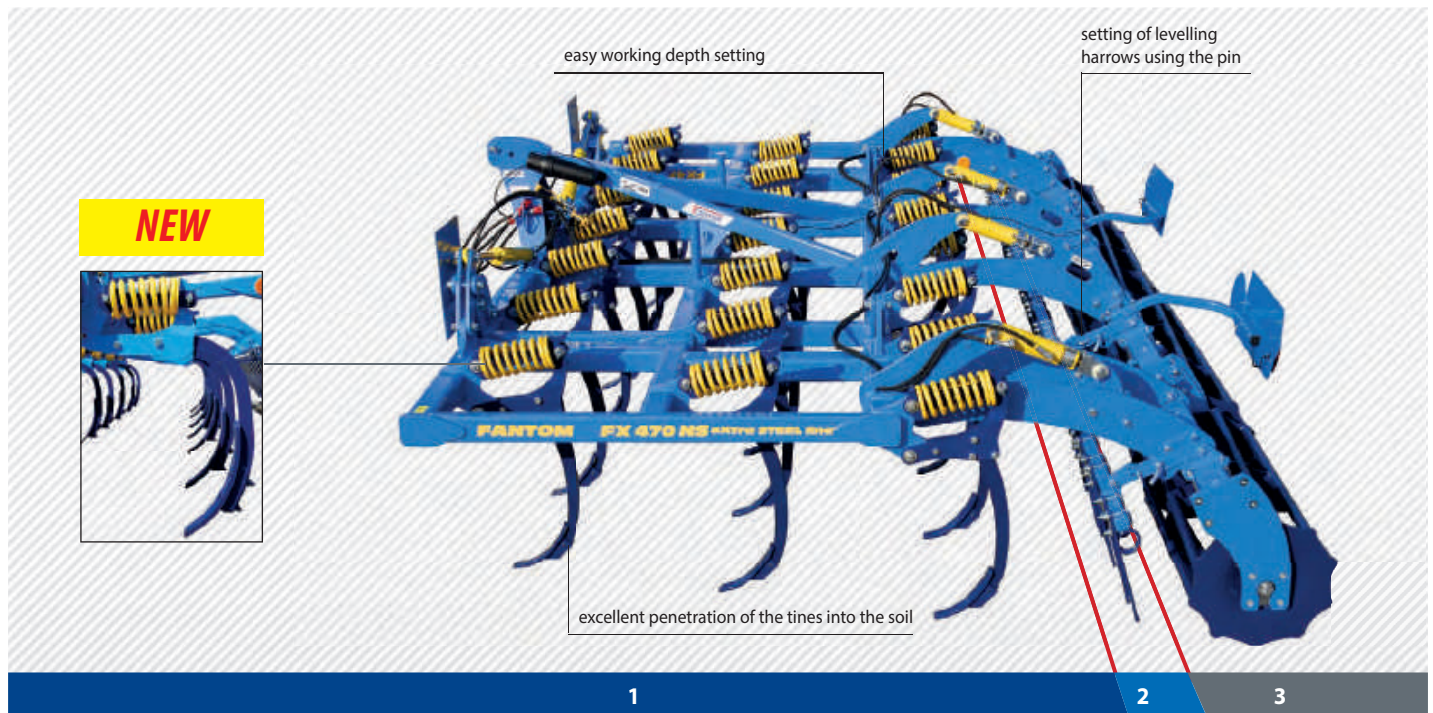
- Due to its design, the Fantom NS cultivator is **very versatile** and can be used for stubble breaking, pre-sowing soil processing or incorporation of manure. Machine's low weight decreases by loading of the rear parts of tractors during transport. Thanks to its simple and massive design, the Fantom cultivator offers an **optimal compromise between the acquisition price and utility value.**

High performance and quality of work

- Low traction resistance** and excellent mixing of the soil due to the optimized design of ploughshares.
- Precise deep guiding** with optimum soil compaction.
- Excellent penetration of the tines into the soil.
- Maintenance-free working units** fitted with plates of cemented carbides for minimal wear.
- The design of the ploughshares ensures **high passability** for plant residues.

Easy operation

- Due to minimum of adjusting and lubricating points the operation and subsequent maintenance are **very easy steps** that anybody can perform. Setting of the working depth or levelling harrows is a **simple mechanical or hydraulically adjustment** of the machine in this case.



- The soil is cultivated by the tines in three rows.
- The rod levelling bar ("RR" and "TR" roller) levels out the surface.
- The soil is compacted by the rear roller (Optional rollers, page 39)

Technical parameters	Units	Fantom 300 N	Fantom 350 N	Fantom 470 NS
Working width	mm / ft	3000 / 9.8	3500 / 11.5	4700 / 15.4
Transport width	mm / ft	3000 / 9.8	3500 / 11.5	3000 / 9.8
Transport height	mm / ft	1330 / 4.4	1380 / 4.5	1930 / 6.3
Total machine length	mm / ft	3330 / 11	3330 / 11	3450 / 11.3
Working depth	mm / in	40–150 / 1.6–6	40–150 / 1.6–6	40–150 / 1.6–6
Number of ploughshares	pcs	14	16	22
Working performance	ha/h (ac/h)	2.4–3.6 (6–8.8)	2.8–4.2 (7–10.4)	3.7–5.5 (9.1–13.6)
Towing vehicle	kW / HP	110–165 / 150–225	120–180 / 160–240	150–225 / 200–300
Machine weight	kg / lb.	1100 / 2425	1350 / 2976	2000 / 4409

More info at www.farmet.eu

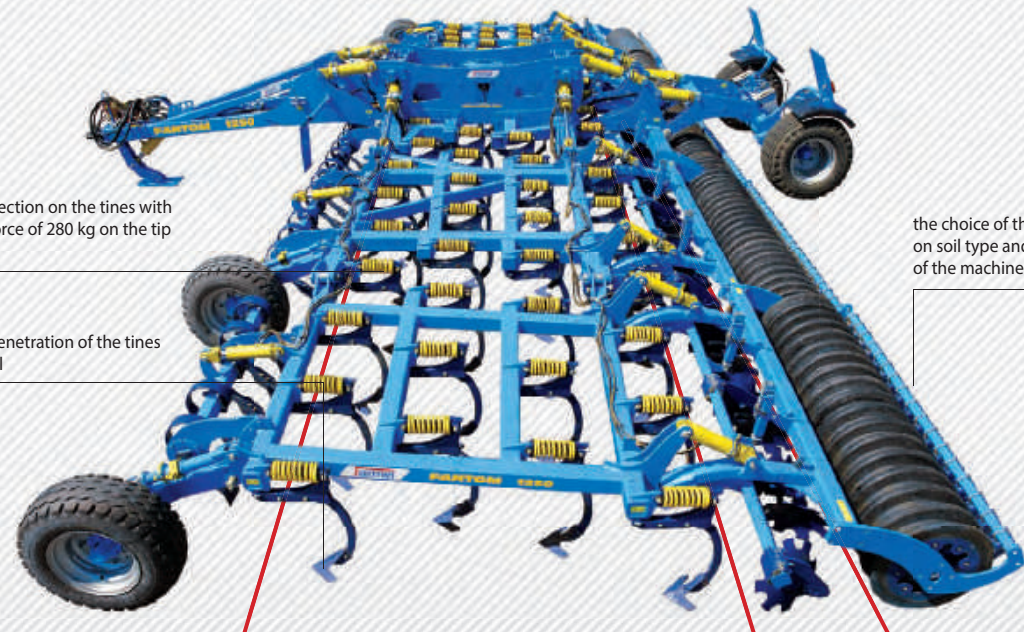


FANTOM CLASSIC

there is a spring protection on the tines with a very high release force of 280 kg on the tip of the ploughshare

excellent penetration of the tines into the soil

the choice of the roller depends on soil type and manner of use of the machine



1 2 3 4

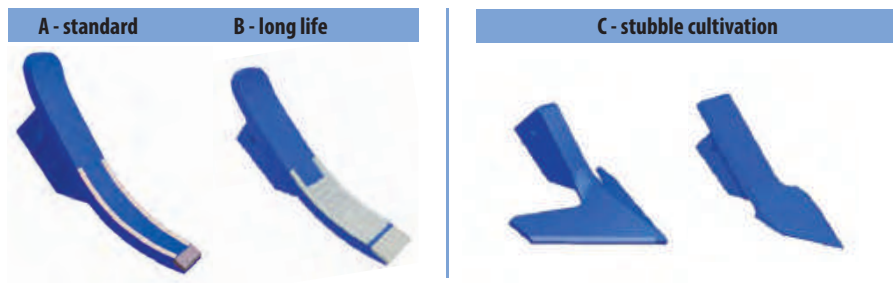
1. Hydraulically controlled front flexi-board leveller for smoothing of the soil surface and crumbling of clods before the whole processing.
2. Optional working bodies in 4 rows **A / B / C**
3. The rear coordination disks located behind the working bodies in front of the row of rollers with the aim to level the soil surface in front of the rollers are easily height-adjustable.
4. Optional rear rollers for various conditions. (page 39)



Technical parameters	Units	Fantom 1250 CLASSIC
Working width	mm / ft	12500 / 41.1
Transport width	mm / ft	3000 / 9.8
Working depth	mm / in	40–150 / 1.6–6
Number of ploughshares	pcs	73
Working performance	ha/h (ac/h)	10.0–15.0 (24.7–37)
Towing vehicle	kW / HP	330–440 / 450–675
Machine weight	kg / lb.	11220 / 24736

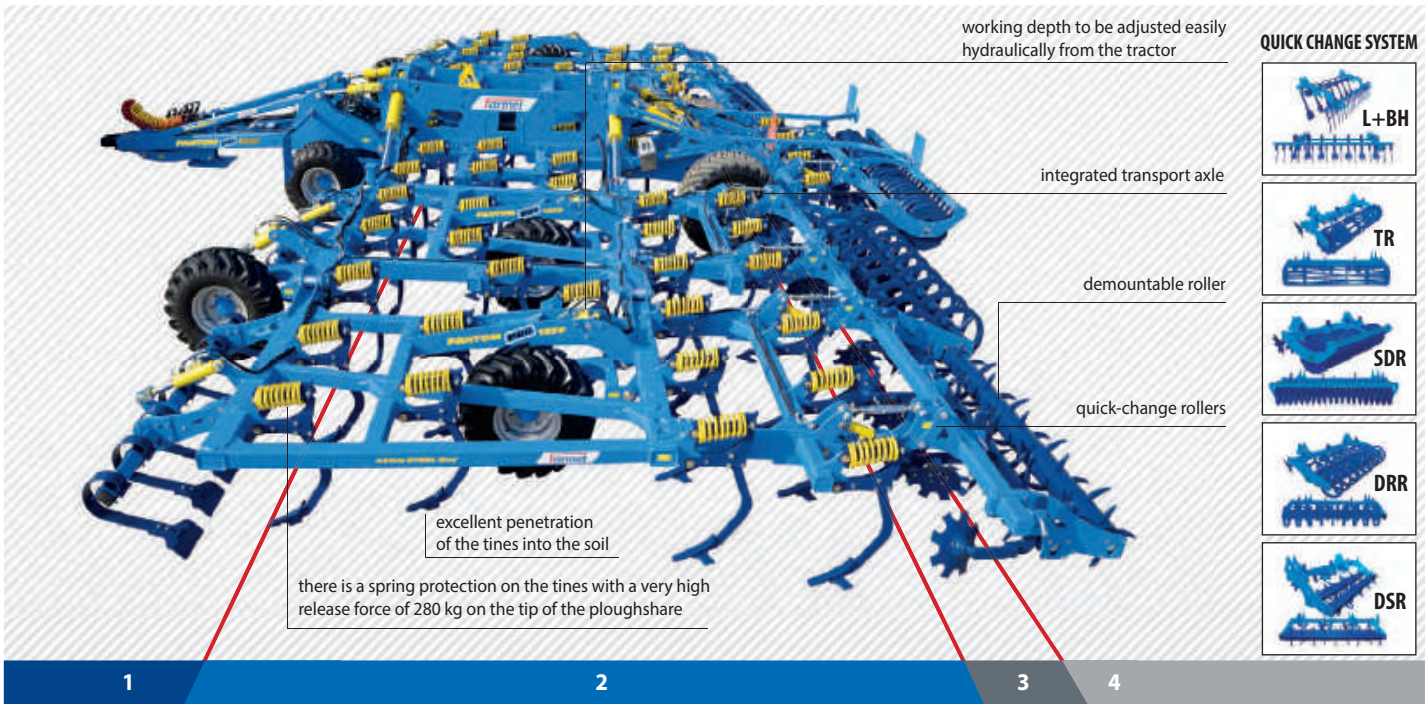
More info at www.farmet.eu

Quick-change share system



reinforced carbide shares





1. Hydraulically controlled front flexi-board leveller for smoothing of the soil surface and crumbling of clods before the whole processing.
2. Optional working bodies in 5 rows **A / B / C**
3. The rear coordination disks located behind the working bodies in front of the row of rollers with the aim to level the soil surface in front of the rollers are easily height-adjustable.
4. Optional rear rollers for various conditions. (page 39). **Option of working without the optional rollers and guiding disks.**



The semi-mounted 5-row modular Fantom PRO cultivator with a low tractive resistance and a variable soil cultivation depth is suitable for spring, summer and autumn works and its modularity provides for early spring works as the machine also manages to work with moister soil.

NEW 6.2018

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Technical parameters	Units	Fantom 650 PRO	Fantom 800 PRO	Fantom 850 PRO	Fantom 1050 PRO	Fantom 1250 PRO
Working width	mm / ft	6500 / 21.3	8000	8500 / 27.9	10500 / 34.5	12500 / 41.1
Transport width	mm / ft	3000 / 9.8 (3060 / 10)*	3000 / 9.8 (3060 / 10)*	3000 / 9.8 (3060 / 10)*	3000 / 9.8 (3060 / 10)*	3000 / 9.8 (3060 / 10)*
Working depth	mm / in	40-150 (180)* / 1.6-6 (7)*	40-150 (180)* / 1.6-6 (7)*	40-150 (180)* / 1.6-6 (7)*	40-150 (180)* / 1.6-6 (7)*	40-150 (180)* / 1.6-6 (7)*
Number of ploughshares	pcs	33	43	43	53	65
Working performance	ha/h (ac/h)	4.8-7.2 (11.8-17.8)	6.4-9.6 (15.8-23.8)	6.4-9.6 (15.8-23.8)	8.0-12.0 (20-30)	10.0-15.0 (24.7-37)
Towing vehicle	kW / HP	200-300 / 270-405	230-350/310-475	245-370 / 330-495	295-400 / 400-550	330-440 / 450-675
Machine weight	kg / lb.	5022 / 11074	8950 / 19736	8928 / 19686	11160 / 24608	14480 / 31929

* by using special thin chisels. More info at www.farmet.eu



SOFTER

disk plough-harrows

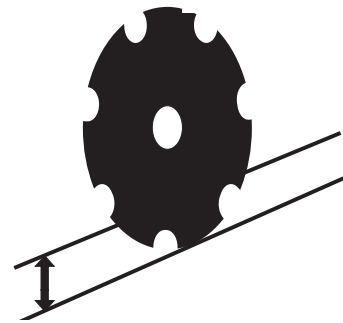




Disk plough-harrow Softer is especially suitable for **shallow stubble-breaking with perfect undercut and intensively mixed plant residues**. It incorporates organic fertilizer, catch crops or difficult vegetation. **Intensively prepares the sowing bed** after stubble-breaking or ploughing with optimum recompaction of the soil.

Ø 510 mm (20 in)

Ø 560 mm (22 in)



35–120 mm (1,5–4,5 in)

10–15 km/h
6–9 mph



N



NS



PS



PS

eXtra STEEL line®
ultra high strength steel technology

SOFTER N/NS

- The main advantage of disk plough-harrow Softer is a **universal usage from the first stubble-breaking to subsequent pre-sowing preparation of the soil** after the stubble-breaking or ploughing.
- **Simple design with increased resistance.** When used with a tractor of sufficient traction power, Softer enables preparation of soil with **speeds up to 15 km/h**. It guarantees easy incorporation of plant residues into the top-soil after harvest. Softer is characterized with **simple design with increased resistance, compactness and versatility** with a minimum of adjusting and lubricating points. High pressure to each disk together with dentate circumference ensures optimum penetration even to heavy and over-dried soil.
- Very short structure of the machine results in **precise deep guiding, excellent stability at work and effective quick turning at headlands.**

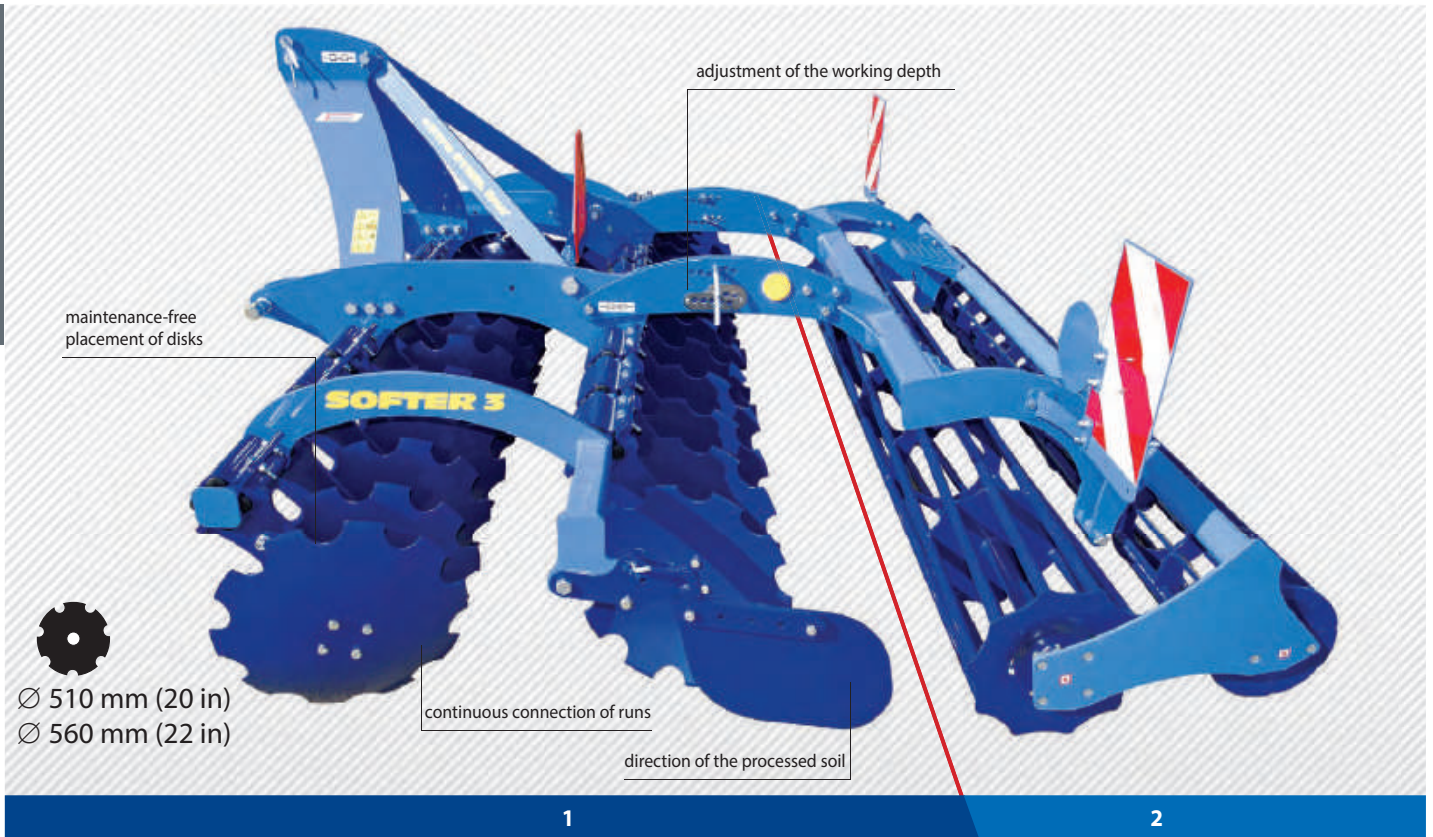
High performance and quality of work

- High working speed **up to 15 km/h**.
- Gear disks for trouble-free penetration into the soil and intensive mixing.
- Working angle of disks and pressure to each disk ensure **uncompromising penetration even to heavy and over-dried soils** and perfect undercut of the processed profile.
- High quality rubber mounting for **optimal working angles of the disks**.
- **Precise deep guiding** with optimum soil compaction.
- Disks with the diameter of 510 / 560 mm are located in two rows. For the case of contact with some obstacle, each disk is **separately effectively protected** by means of rubber mounting.

Robust design

- **High-strength refined materials** in connection with **eXtra STEEL line** technology guarantee long service life of our machines even in the most difficult conditions.
- **High-strength refined materials** used for crucial nodes to ensure long service life. Strongly dimensioned frame of high-strength steel.
- **Maintenance-free placement of disks** ensuring operation of the machine with no need of additional lubrication.
- Resistant and **maintenance-free rubber mounting** for adaptation to terrain with protection against overload.





1. Disks with the diameter of 510 mm / 560 mm located in two rows will undercut the soil. Working depth is 3,5–12 cm.
2. Clods are crumbled by the rear roller. (Optional rollers, page 39)



Technical parameters	Units	Softer 3 N	Softer 3,5 N	Softer 4,5 NS* Softer 4,5 NS Syncult	Softer 6 NS* Softer 6 NS Syncult
Working width	mm / ft	2900 / 9.5	3500 / 11.5	4500 / 14.8	6000 / 19.7
Transport width	mm / ft	3000 / 9.8	3500 / 11.5	3000 / 9.8	3000 / 9.8
Transport height	mm / ft	1370 / 4.5	1370 / 4.5	2500 / 8.2	3300 / 10.8
Total machine length	mm / ft	2500 / 8.2	2500 / 8.2	2700 / 8.9	2700 / 8.9
Working depth	mm / in	35–120 / 1.5–4.5	35–120 / 1.5–4.5	35–120 / 1.5–4.5	35–120 / 1.5–4.5
Number of ploughshares	pcs	24	28	38	50
Working performance	ha/h (ac/h)	3–4.5 (7–11)	3.5–5.3 (9–13)	4.5–7 (11–17)	6–9 (15–22)
Towing vehicle	kW / HP	80–120 / 110–165	90–140 / 120–190	120–180 / 160–240	150–225 / 200–300
Machine weight	kg / lb.	1540 / 3400	1950 / 4300	2950 / 6505	3650 / 8050



More info at www.farmet.eu



SOFTER PS

- The main advantage of disk plough-harrow Softer is an **universal usage from the first stubble-breaking to subsequent pre-sowing preparation of the soil** after the stubble-breaking or ploughing.
- Softer is characterized with **simple design with increased resistance, compactness and versatility** with a minimum of adjusting and lubricating points. When used with a tractor of sufficient traction power, Softer enables preparation of soil **with speeds up to 15 km/h**. It guarantees easy incorporation of plant residues into the top-soil after harvest. High pressure to each disk together with dentate circumference ensures optimum penetration even to heavy and over-dried soil.
- **Excellent stability and precise deep guiding**. Very short structure of the machine results in precise deep guiding, excellent stability at work and effective quick turning at headlands.

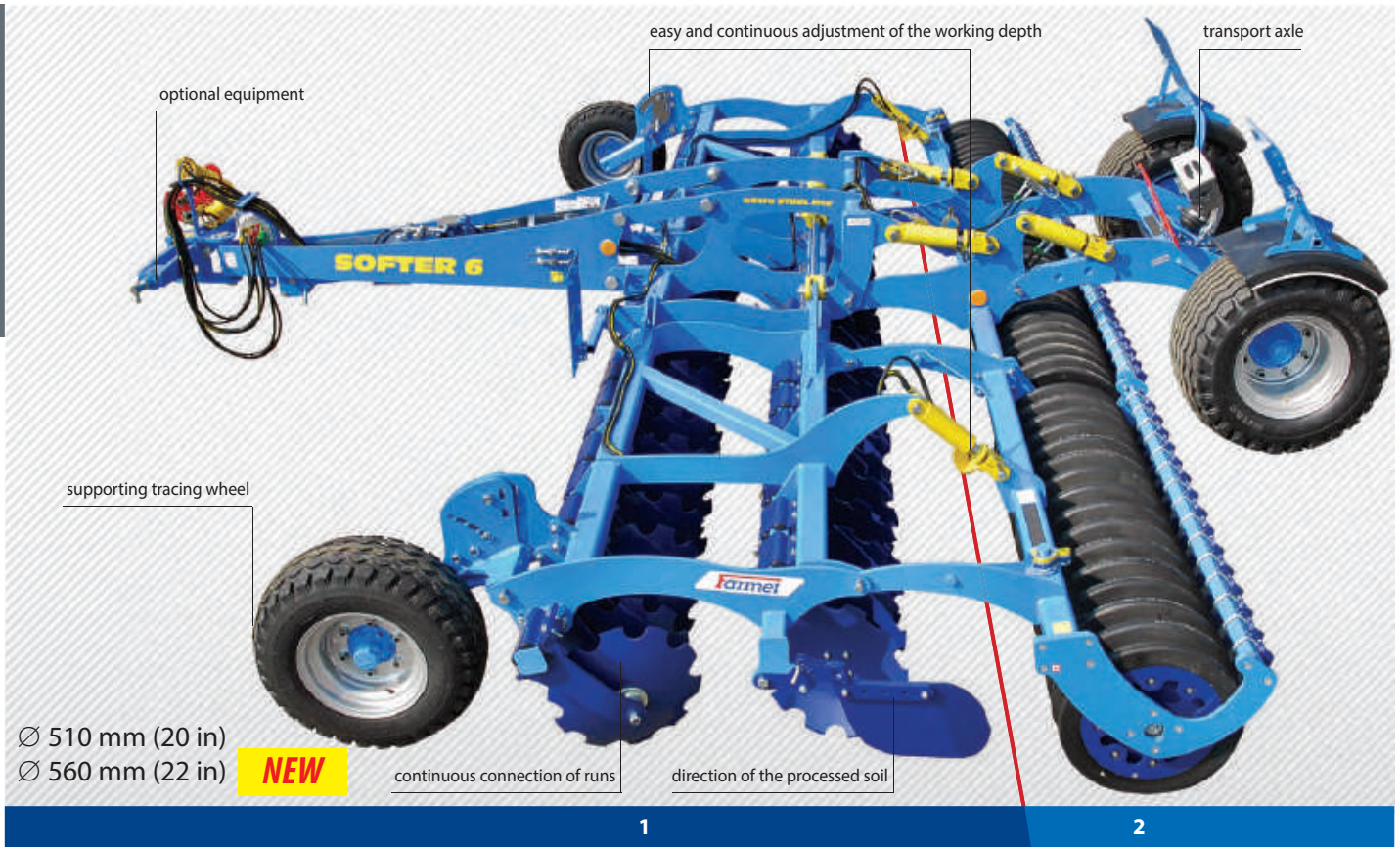
High performance and quality of work

- High working speed **up to 15 km/h**.
- Working angle of the disks and pressure to each disk ensure **uncompromising penetration even to heavy and over-dried soils** and perfect undercut of the processed profile.
- High quality rubber mounting for **optimal working angles** of the disk.
- **Precise deep guiding** with optimum soil compaction.
- Disks with the diameter of 510 / 560 mm are located in two rows. For the case of contact with an obstacle, each disk is **separately effectively protected** by means of rubber mounting.

Robust design

- **High-strength refined materials** in connection with **eXtra STEEL line** technology guarantee long service life of our machines even in the most difficult conditions.
- **High-strength refined materials** used for crucial nodes to ensure long service life. Strongly dimensioned frame from high-strength steels.
- **Maintenance-free placement** of the disks ensuring operation of the machine with no need of additional lubrication.
- Resistant and **maintenance-free rubber mounting** for adaptation to terrain with protection against overload.





1. Disks with the diameter of 510 mm / 560 mm located in two rows undercut the soil. Working depth is 5–12 cm.
2. Clods are crumbled by the rear roller. (Optional rollers, page 39).

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6.2018

NEW
6.2018


Technical parameters	Units	Softer 4 FIX PS	Softer 4,5 PS	Softer 5 PS	Softer 6 PS	Softer 8 PS	Softer 11 PS
Working width	mm / ft	4100 / 13.5	4600 / 15.1	5080 / 16.7	6000 / 19.7	7650 / 25.1	10880 / 35.7
Transport width	mm / ft	4330 / 14.2	3000 / 9.8	3000 / 9.8	3000 / 9.8	3000 / 9.8	3000 / 9.8
Transport height	mm / ft	1600 / 5.3	2540 / 8.3	2900 / 9.5	3270 / 10.7	4000 / 13.1	4000 / 13.1
Total machine length	mm / ft	6675 / 21.9	5740 / 18.8	6675 / 21.9	5740 / 18.8	5960 / 19.6	5960 / 19.6
Working depth	mm / in	35–120 / 1.5–4.5	35–120 / 1.5–4.5	35–120 / 1.5–4.5	35–120 / 1.5–4.5	35–120 / 1.5–4.5	35–120 / 1.5–4.5
Number of ploughshares	pcs	34	38	42	50	62	90
Working performance	ha/h (ac/h)	4.0–6.0 (10–15)	3.6–7 (9–17)	5.0–7.5 (12–19)	6–9 (15–22)	8–12 (20–30)	11–17 (27–42)
Towing vehicle	kW / HP	110–160 / 150–215	120–180 / 160–240	130–190 / 175–255	150–225 / 200–300	200–300 / 270–405	245–370 / 330–495
Machine weight	kg / lb.	3600 / 7940	3600 / 7940	4350 / 9590	4500 / 9930	6300 / 13903	8860 / 19540

 More info at www.farmet.eu

SOFTER & MICRO DRILL (page 39)

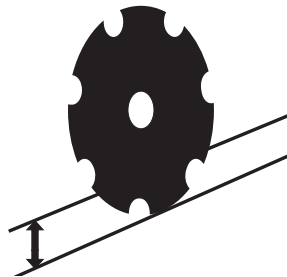
DISKOMAT

disk plough-harrows



Disk plough-harrow Diskomat is especially suitable for stubble-breaking with intensively mixed stubble and cultivation up to the depth of 18 cm. It incorporates large quantities of organic matter, e.g. corn, organic fertilizer, catch crops or high weed infestation. Intensively prepares the sowing bed with optimum soil compaction. Perfectly undercuts the processed soil profile.

Ø 620 mm (24 in)



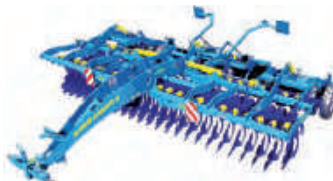
50–180 mm (2–7 in)

10–15 km/h
6–9 mph

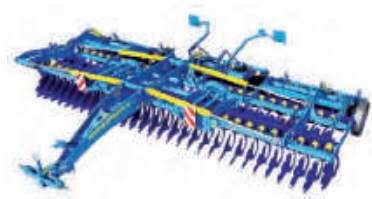
eXtra STEEL line
ultra high strength steel technology



N



PS



PS

- A great advantage of the conception of the machine is the generally known levelling effect so the disk plough-harrow is also suitable for **pre-sowing soil processing** when emphasis is put on **good levelling of the land** and quality soil processing.
- Disk plough-harrow Diskomat is unique in **the overall construction and design** as well as in the solution of the individual technical nodes and the use of special material technologies. That provides the machine with very **compact dimensions** (mainly for transport on the road network), **very low weight** and its favourable distribution onto the working bodies and particularly **very low maintenance requirements**.
- There are **several types of rear rollers** depending on the soil conditions. The integrated transport axle with braked wheels is a part of the double rubber-tyred roller.
- Great emphasis is put on the overall design and ergonomics of the machine. All adjusting nodes are easily accessible to the operator and meet strict safety requirements. Most controlling elements are solved by hydraulics and can be comfortably regulated directly from the operator's position in the tractor during work.

High performance and quality of work

- **Work without clogging** due to high framework clearance.
- **Perfect undercut** due to optimized tilt of the disks.
- Gear disks for safe penetration into the soil and intensive mixing.
- **Maintenance-free spring protection** for optimal working angles of the disk.
- **Precise deep guiding** with optimum soil compaction due to support and compaction rollers.

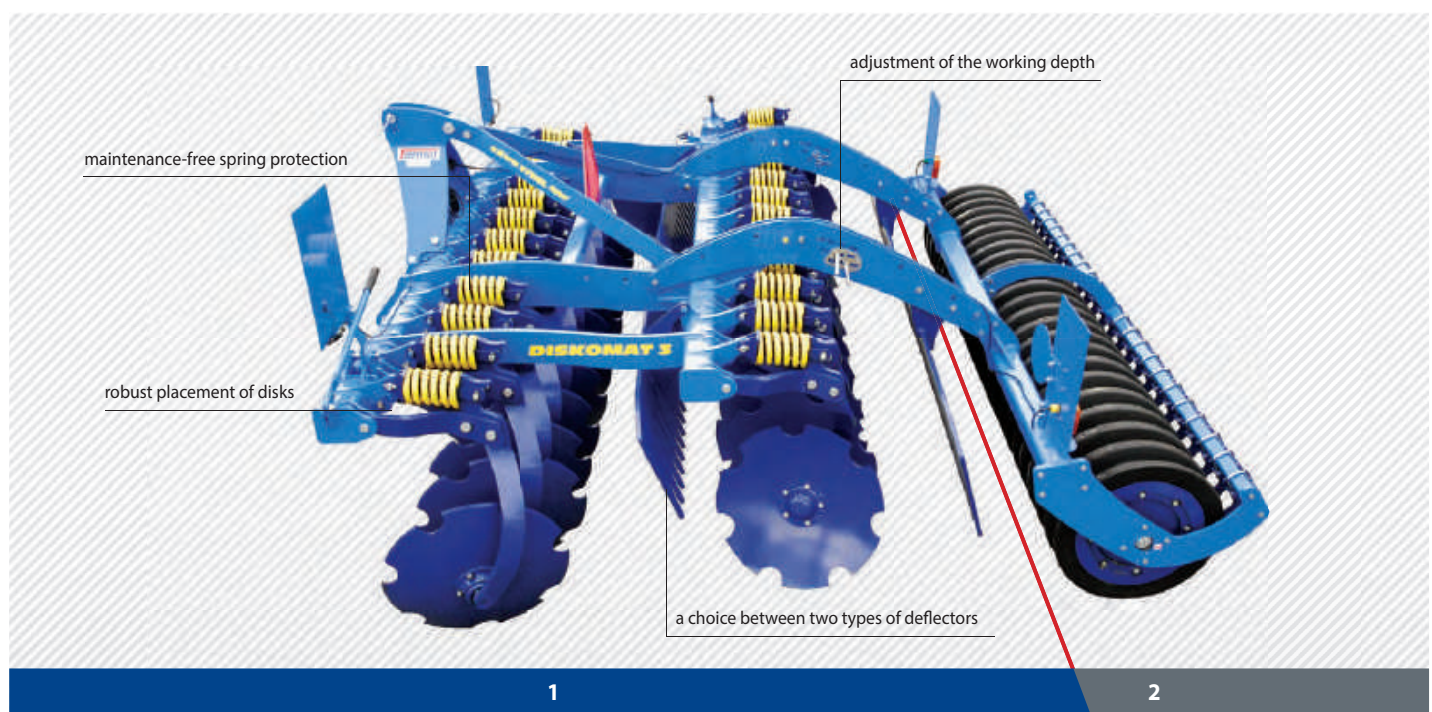


Robust design

- Each of the disks is separately protected thereby is ensure perfect protection of working units and **high passability for plant residues**.
- Robust placement of the disks ensuring operation of the machine in the most demanding conditions.
- Wide placement of the working units ensuring stability. Resistant and maintenance-free spring protection with high release force.
- **The mounting of working units using replaceable high-strength cases extends the service life of the machine** **NEW**



DISKOMAT N

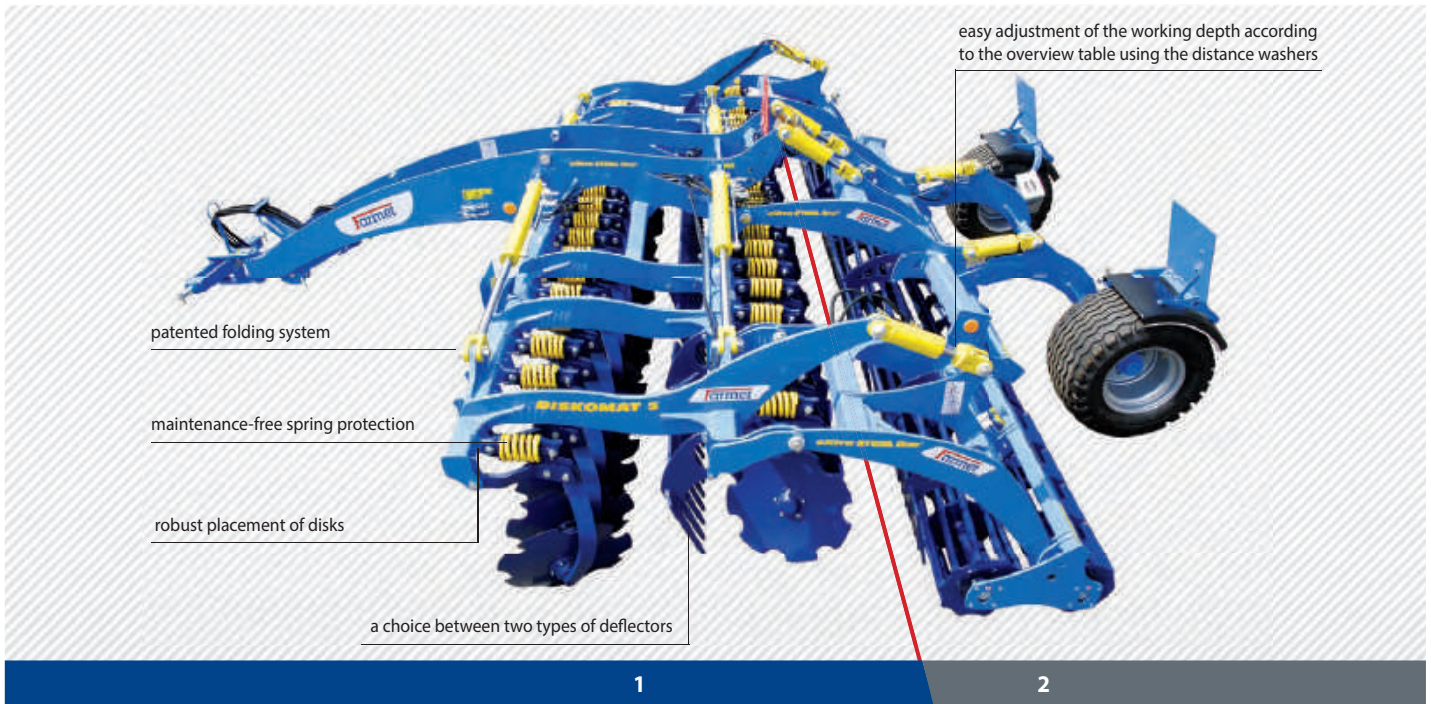


1. Disks with diameter of 620 mm located in two rows will undercut the soil. Working depth is 5–18 cm. Behind each row of disks is a deflector striking down flying clods.
2. Clods are crumbled by the rear roller. (Optional rollers, page 39).

Technical parameters	Units	Diskomat 3 N	Diskomat 3,5 N
Working width	mm / ft	3000 / 9.8	3500 / 11.5
Transport width	mm / ft	3000 / 9.8	3500 / 11.5
Transport height	mm / ft	1600 / 5.3	1600 / 5.3
Total machine length	mm / ft	3300 / 10.8	3300 / 10.8
Working depth	mm / in	50–180 / 2–7	50–180 / 2–7
Number of ploughshares	pcs	12 / 12	14 / 14
Working performance	ha/h (ac/h)	3.0–4.5 (8–11)	2.35–5.25 (6–13)
Towing vehicle	kW / HP	105–158 / 140–165	120–180 / 160–240
Machine weight	kg / lb.	2400 / 5300	2600 / 5750

More info at www.farmet.eu





1. Disks with the diameter of 620 mm located in two rows undercut the soil. Working depth is 5–18 cm. Behind each row of disks is a deflector striking down flying clods.
2. Clods are crumbled by the rear roller. (Optional rollers, page 39).



Technical parameters	Jednotky	Diskomat 5 PS	Diskomat 6 PS	Diskomat 8 PS
Working width	mm / ft	5000 / 16.4	6000 / 19.7	7800 / 25.6
Transport width	mm / ft	3000 / 9.8	3000 / 9.8	3000 / 9.8
Transport height	mm / ft	3300 / 10.8	3650 / 12	4000 / 13.1
Total machine length	mm / ft	6600 / 21.7	6600 / 21.7	6600 / 21.7
Working depth	mm / in	50–180 / 2–7	50–180 / 2–7	50–180 / 2–7
Number of ploughshares	pcs	20 / 20	24 / 24	30 / 30
Working performance	ha/h (ac/h)	5.0–8.0 (12–20)	6.0–9.0 (15–22)	8.0–12.0 (20–30)
Towing vehicle	kW / HP	150–220 / 205–300	180–260 / 245–355	240–300 / 325–410
Machine weight	kg / lb.	6200 / 13700	6950 / 15330	8660 / 19100

More info at www.farmet.eu



NEW

TERRIX TERRIX DUAL

chisel cultivators

DEEP SOIL PROCESSING



- A four-row tined cultivator with a wide range of application from shallow stubble cultivation to deep soil loosening of up to 35 cm. Overall loosening of the cultivated surface with intense mixing of crop residue. Highly versatile and suitable for all types of soil.
- The **Terrix** chisel cultivator is equipped with four rows of working tines with a spacing of 84 cm in each row and an overall tine spacing of 21 cm. This allows intense overall loosening and cultivation, with the entire soil profile being processed. The release force of each tine is 450 kg, allowing a consistent working depth at the sub surface levels of up to 35 cm. The chisels can be equipped with wings for better lifting during shallow stubble cultivation work. Levelling disks after each row of tines, combined with the rear packer help achieve a level and consolidated surface.

The four-row TERRIX tined cultivators ensure high soil and crop residue mixing, with excellent incorporation and levelling effect. While TERRIX offers excellent soil cultivation, TERRIX DUAL offers gradual deep loosening through the soil layers, achieving an even greater incorporation of trash and soil mixing.



100–350 mm
(3.9–13.8 in)



extra STEEL line
ultra high strength steel technology

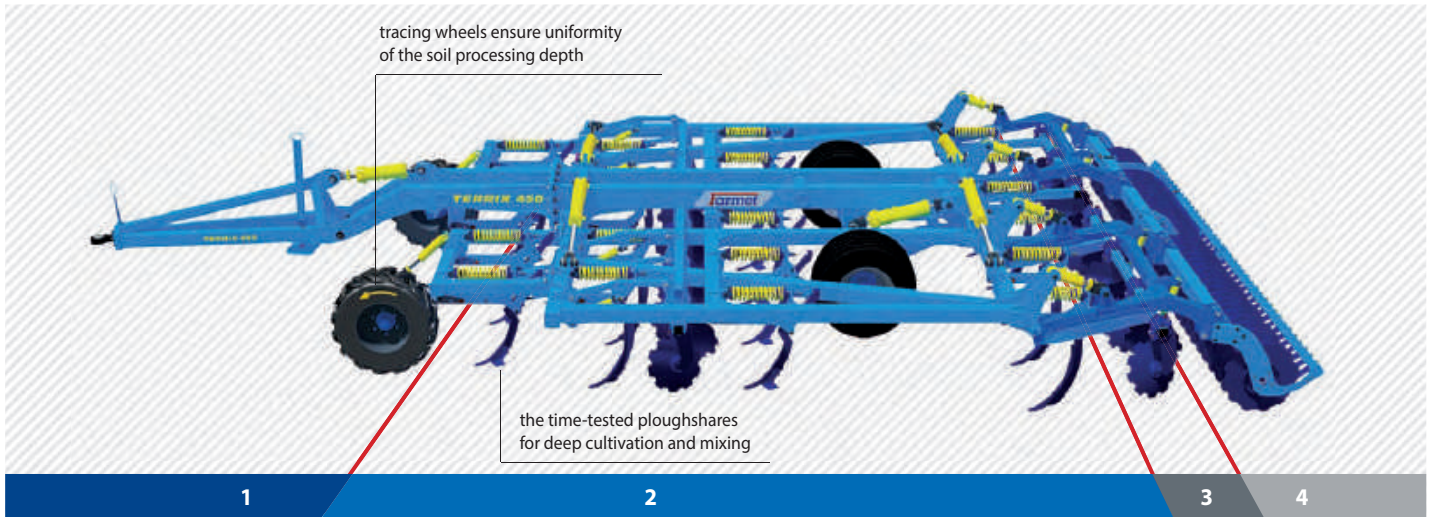
8–12 km/h
5–7 mph

TERRIX



TERRIX DUAL





1. Supporting tracing wheels for uniform processing of the soil.
2. Four rows of massive ploughshares for stubble-breaking and deep cultivation up to the depth of 35 cm. (Opt. ploughshares, page 33).
3. Coordination disks for fine structure of the soil on surface.
4. Rear double tyre-packer compacts the soil. It includes transport axle. (Optional rollers, page 39).

Technical parameters	Units	TERRIX 600 PS	TERRIX DUAL 600 PS
Working width	mm / ft	6000 / 19.7	6000 / 19.7
Transport width	mm / ft	3000 / 9.8	3000 / 9.8
Transport height	mm / ft	4000 / 13.1	4000 / 13.1
Total machine length	mm / ft	10000 / 32.8	10000 / 32.8
Working depth	mm / in	100–350 / 3.9–13.8	100–350 / 3.9–13.8
Number of ploughshares	pcs	30	30
Working performance	ha/h (ac/h)	4.8–7.2 / 12–17.8	4.8–7.2 / 12–17.8
Towing vehicle	kW / HP	245–370 / 330–500	245–370 / 330–500
Machine weight	kg / lb.	8000 / 17640	8000 / 17640

More info at www.farmet.eu

- The four-row **TERRIX DUAL** tined cultivator operates on the principle of gradual soil cultivation up to a working depth of 35 cm. This gives a significantly better quality of loosening and a very high, two-level effect of crop residue incorporation. The soil surface is processed both along the entire area and by deeper loosening in a single pass.
- The **Terrix Dual** chisel cultivator is equipped with four rows of working tines with a spacing of 84 cm in each row. Unlike Terrix, the tines are configured in tandem so there is gradual deepening during loosening. This significantly improves the quality of work and reduces the draft requirement. Levelling discs are mounted behind the second and fourth row of tines. The Terrix Dual layout significantly increases the effect of crop residue incorporation when compared with conventional cultivators and can be an alternative to conventional tillage methods. It works especially well in heavier soils with a large quantity of crop residue.

High performance and quality of work

- **Great solution for all types of soils** but especially good for heavy soils.
- **High permeability** of soil and crop residue.
- High level of crop residue mixing and incorporation.
- **Deep overall (Terrix) or progressive (Terrix Dual)** loosening with minimal clod information.

Robust design

- **High-strength materials** are used on key elements of the frame for durability
- **Durable and maintenance-free protection** of loosening tines, combined with a high release force of 450kg
- Time-tested share design using an **extremely high-strength and abrasion-resistant steels with added carbide tips**



NEW

TRITON

combined cultivators

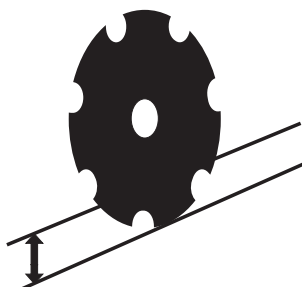
DEEP SOIL PROCESSING



- The combined disk-and- tine cultivator is ideal for working through heavier soils with a large quantity of crop residue. Trash is evenly mixed into the overall processed soil layer while the soil is loosened and worked by the different working elements.
- The Triton combination cultivator is equipped with two rows of disks of 510 mm or 620 mm diameter with maintenance-free overload protection. The discs have a working depth of 12–15 cm and have excellent crop residue mixing properties. The following two rows of heavy duty tines have a wide spacing of 42 cm and loosen the soil up to 35cm depth, while allowing excellent water penetration through to the subsurface. The final row of levelling disks combined with the rear packer help to achieve a level and consolidated surface

The TRITON combination cultivator provides the advantages of a disc stubble cultivator and chisel tined cultivator in a single pass. The result is efficient cutting and mixing of crop residue into processed soil with deeper aeration providing excellent water penetration through the soil.

8–12 km/h
5–7 mph



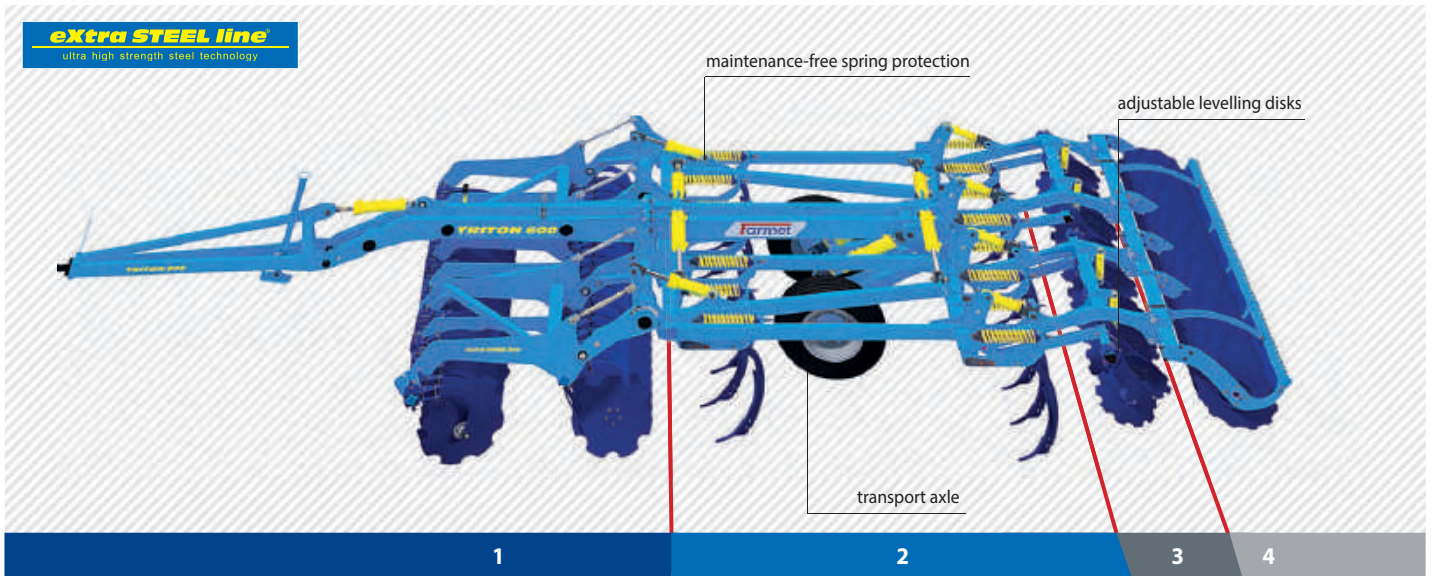
Ø 510 mm (20 in) 35–120 mm (1.4–4.8 in)
Ø 620 mm (24 in) 50–150 mm (2–6 in)



100–350 mm
(3.9–13.8 in)



extra STEEL line
ultra high strength steel technology



1. Disks with the diameter of 510 / 620 mm located in two rows undercut the soil.
2. Massive ploughshares situated in 2 rows ensure quality loosening of the soil and incorporation of plant residues. (Optional ploughshares, page 33).
3. Coordination disks for fine structure of the soil on surface.
4. Back roller provides good recompaction of the soil, crumbling of clods and levelling of the area surface. (Optional rollers, page 39).

Technical parameters	Units	Triton 450 PS	Triton 600 PS
Working width	mm / ft	4500 / 14.8	6000 / 19.7
Transport width	mm / ft	3000 / 9.8	3000 / 9.8
Transport height	mm / ft	4000 / 13.1	4000 / 13.1
Total machine length	mm / ft	10000 / 32.8	10000 / 32.8
Working depth	mm / in	100–350 / 3.9–13.8	100–350 / 3.9–13.8
Number of ploughshares / disks	pcs	11 / 37	15 / 42
Working performance	ha/h (ac/h)	3.6–5.4 / 8.9–13.4	4.8–7.2 / 12–17.8
Towing vehicle	kW / HP	225–275 / 300–375	300–370 / 400–500
Machine weight	kg / lb.	7300 / 16097	8800 / 19404

More info at www.farmet.eu

High performance and quality of work

- Excellent solution for heavy soils.
- **Low draft resistance** in work.
- **High performance** mixing of soil and crop residue.
- **Efficient cutting** and even mixing of crop residue into the processed soil layers.
- Deep soil loosening with minimal clod formation.

Robust design

- **High-strength materials** are used on key elements of the frame for durability.
- Durable and maintenance-free protection of the cultivating disks.
- Durable and maintenance-free protection of loosening tines, combined with a high release force of 450 kg.
- Time-tested share design using an **extremely high-strength and abrasion-resistant steels** with added carbide tips.



TRIOLENT DUOLENT

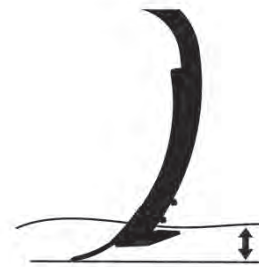
chisel cultivators

DEEP SOIL PROCESSING





Chisel cultivators Triolent / Duolent are especially suitable for full-area stubble-breaking with intensive mixing effect. The soil is processed **up to the depth of 35 cm** and thus can replace ploughing. Excellently incorporates plant residues into the soil.



60–350 mm (2,4–13,8 in)

8–12 km/h
5–7 mph



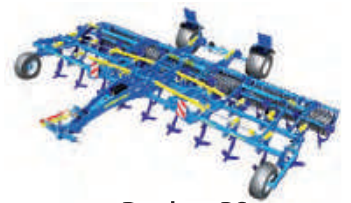
Triolent NS



Triolent PS



Duolent NS



Duolent PS

eXtra STEEL line®
ultra high strength steel technology

TRIOLENT/DUOLENT N/NS

- Chisel cultivator is suitable for both common stubble breaking and cultivation, and for deepening to the depth greater than usual depth of ploughing.
- Chisel cultivator is equipped with three rows (Triolent), two rows (Duolent) of working units with the ploughshare pitch of 290 mm (420 mm), which ensures quality loosening of the soil and incorporation of plant residues with relatively low traction resistance. The ploughshares are equipped with spring protection with release force of 450 kg and enable to work to the depth of 35 cm. For work to the depth of 20 cm ploughshares can be equipped with winglets for full-area undercut. For greater depths it works better without winglets since the traction resistance is significantly reduced. The quality of processing is not deteriorated.

High performance and quality of work

- **Low traction resistance and excellent mixing of the soil** due to the optimized design of ploughshares.
- **Excellent permeability** for plant residues.
- The spiral shape of the upper part of ploughshares for controlled flow of the soil.
- **Maintenance-free working members** fitted with plates of cemented carbides for minimal wear.
- Chisels with winglets for full-area undercut up to the depth of 20 cm. **Ideal for incorporation of a large quantity of plant residues.**

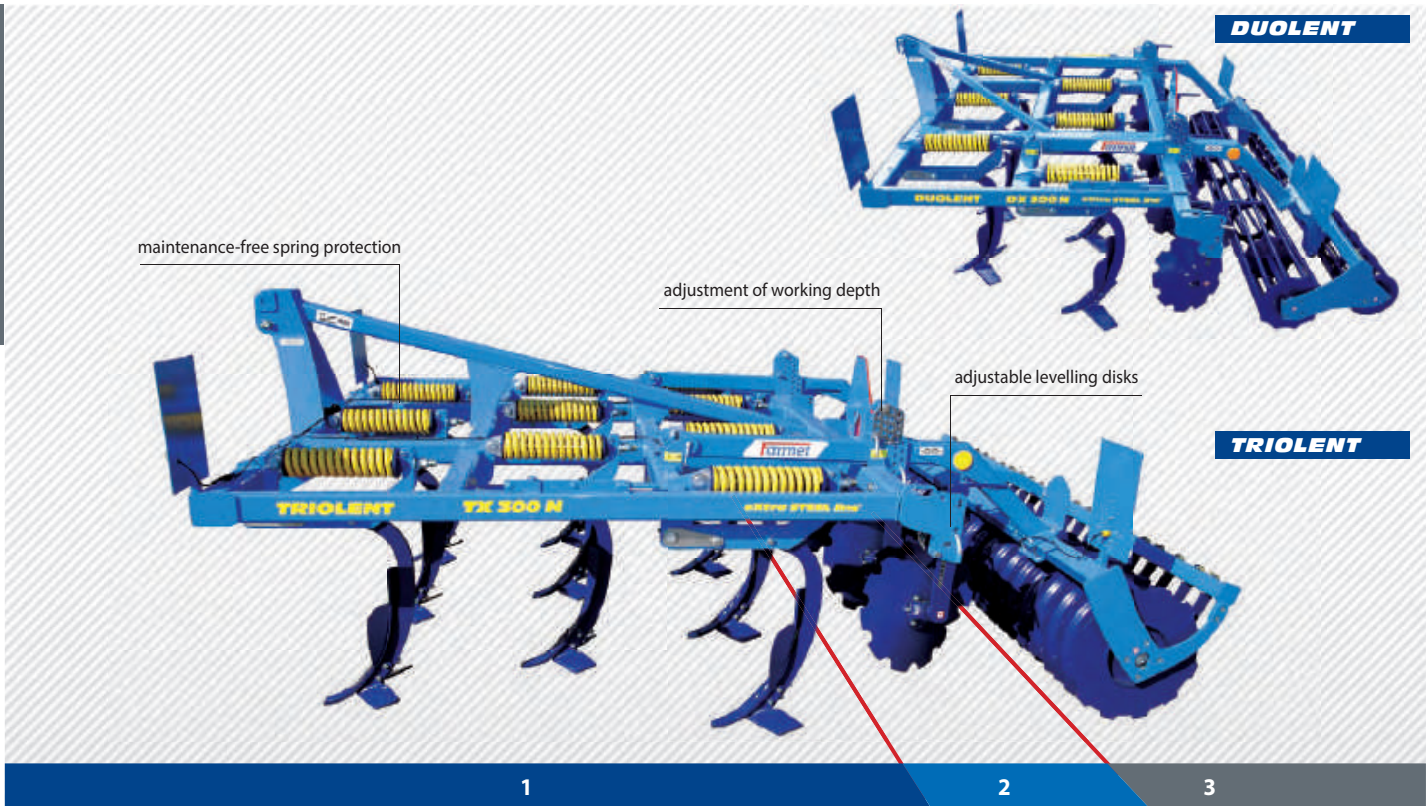
Robust design

- **High-strength refined materials** used for crucial nodes to ensure long service life.
- Resistant and maintenance-free spring protection with high release force of 450 kg.
- The time-tested ploughshares are made of high-strength abrasion resistant steels.



DUOLENT





1. Massive ploughshares situated in 3 rows (Triolent), 2 rows (Duolent) ensure quality loosening of the soil and incorporation of plant residues. (Optional ploughshares, page 33).
2. Coordination disks for fine structure of the soil on surface.
3. Back roller provides good recompaction of the soil, crumbling of clods and levelling of the area surface. (Optional rollers, page 39).

Technical parameters	Units	Triolent TX 300 N	Triolent TX 350 N	Triolent TX 380 NS	Triolent TX 470 NS
Working width	mm / ft	3000 / 9.8	3500 / 11.5	3800 / 12.5	4700 / 15.4
Transport width	mm / ft	3000 / 9.8	3500 / 11.5	2300 / 7.6	3000 / 9.8
Transport height	mm / ft	1400 / 4.6	1400 / 4.6	2500 / 8.2	2500 / 8.2
Total machine length	mm / ft	4060 / 13.3	4060 / 13.3	4050 / 13.3	4050 / 13.3
Working depth	mm / in	60–350 / 2.4–13.8	60–350 / 2.4–13.8	60–350 / 2.4–13.8	60–350 / 2.4–13.8
Number of ploughshares	pcs	10	13	13	16
Working performance	ha/h (ac/h)	2.4–3.6 (6–8.4)	2.8–4.2 (7–10.4)	3.1–4.5 (7.7–11)	3.7–5.6 (9–13.9)
Towing vehicle	kW / HP	110–165 / 150–225	120–175 / 160–240	125–190 / 170–255	150–220 / 200–300
Machine weight	kg / lb.	1680 / 3704	1920 / 4233	2655 / 5853	3010 / 6636

More info at www.farmet.eu



Technical parameters	Units	Duolent DX 210 N	Duolent DX 300 N	Duolent DX 350 N	Duolent DX 380 NS	Duolent DX 460 NS	Duolent DX 550 NS
Working width	mm / ft	2100 / 6.9	3000 / 9.8	3500 / 11.5	3800 / 12.5	4600 / 15	5500 / 18
Transport width	mm / ft	2230 / 7.3	3000 / 9.8	3500 / 11.5	2200 / 7.2	3000 / 9.8	3000 / 9.8
Transport height	mm / ft	1400 / 5	1400 / 5	1400 / 5	2500 / 8.2	2500 / 8.2	2500 / 8.2
Total machine length	mm / ft	3350 / 11	3350 / 11	3350 / 11	3350 / 11	3350 / 11	3350 / 11
Working depth	mm / in	60–350 / 2.4–13.8	60–350 / 2.4–13.8	60–350 / 2.4–13.8	60–350 / 2.4–13.8	60–350 / 2.4–13.8	60–350 / 2.4–13.8
Number of ploughshares	pcs	5	7	9	9	11	13
Working performance	ha/h (ac/h)	1.7–2.5 (4.2–6.2)	2.4–3.6 (6–8.9)	2.8–4.2 (7–10.4)	3.1–4.5 (7.7–11)	3.7–5.5 (9–13.6)	4.4–6.6 (10.9–16.3)
Towing vehicle	kW / HP	65–110 / 90–135	90–135 / 120–180	105–160 / 140–210	120–180 / 160–240	150–225 / 200–300	180–270 / 240–360
Machine weight	kg / lb.	1060 / 2337	1375 / 3031	1585 / 3494	2220 / 4894	2515 / 5545	2870 / 6327

More info at www.farmet.eu



TRIOLENT/DUOLENT PS

- Chisel cultivator is suitable for both common stubble breaking and cultivation, and for deepening to the depth greater than usual depth of ploughing.
- Chisel cultivator is equipped with three rows (Triolent), two rows (Duolent) of working members with the ploughshare pitch of 290 mm (420 mm), which ensures quality loosening of the soil and incorporation of plant residues with relatively **low traction resistance**. The ploughshares are equipped with spring protection with release force of 450 kg and enable to work to the depth of 35 cm. For work to the depth of 20 cm ploughshares can be equipped with winglets for **full-area undercut**. For greater depths it works better without winglets since the traction resistance is significantly reduced. The quality of processing is not deteriorated.

High performance and quality of work

- **Low traction resistance** and excellent mixing of the soil due to the optimized design of ploughshares.
- **Excellent permeability** for plant residues.
- The spiral shape of the upper part of ploughshares for controlled flow of the soil.
- **Maintenance-free working members** fitted with plates of cemented carbides for minimal wear.
- Chisels with winglets for full-area undercut up to the depth of 20 cm. **Ideal for incorporation of a large quantity of plant residues.**

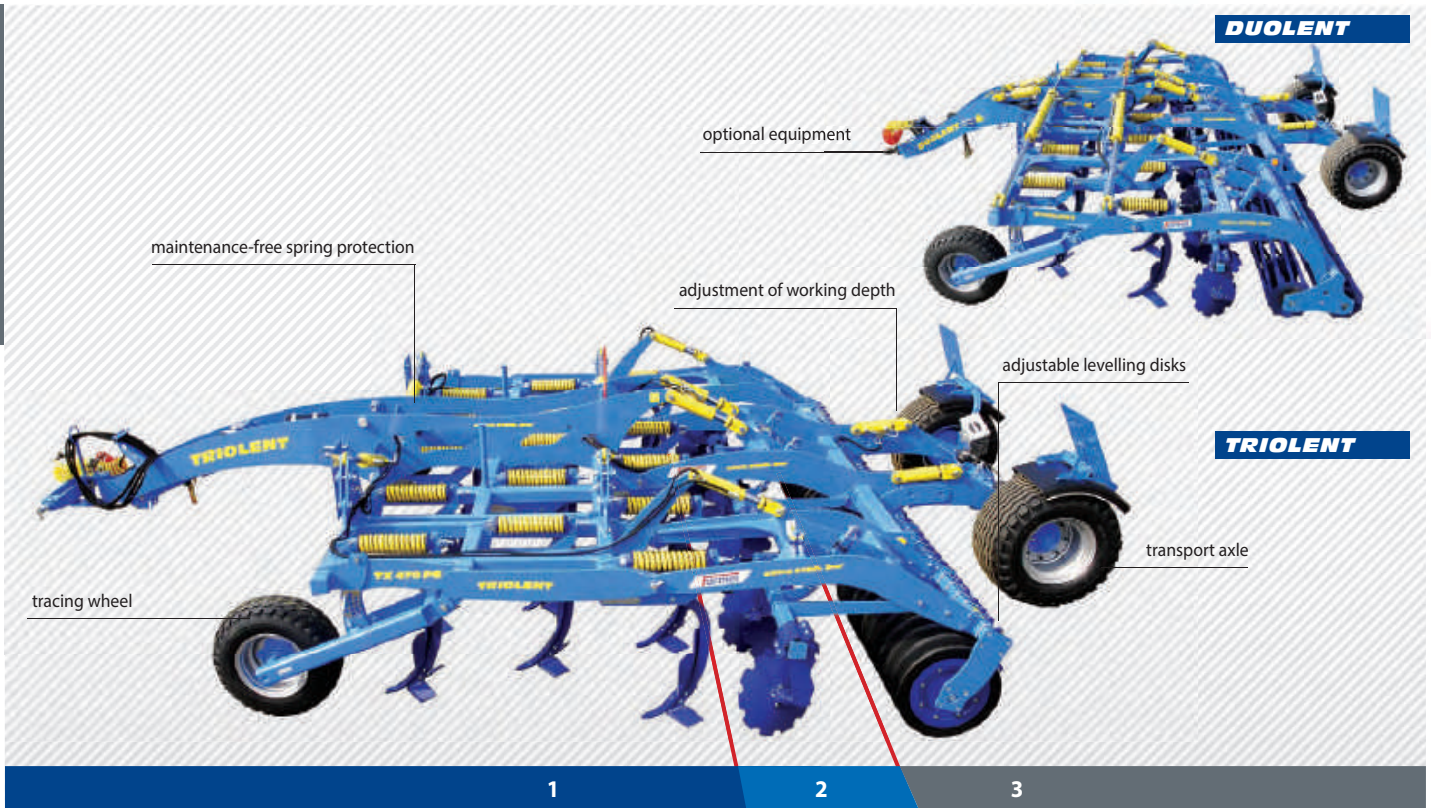
Robust design

- **High-strength refined materials** used for crucial nodes to ensure long service life.
- Resistant and maintenance-free spring protection with high release force of 450 kg.
- The time-tested ploughshares are made of high-strength abrasion resistant steels.



TRIOLENT





1. Massive ploughshares situated in 3 rows (Triolent), 2 rows (Duolent) ensure quality loosening of the soil and incorporation of plant residues. (Optional ploughshares, page 33).
2. Coordination disks for fine structure of the soil on surface.
3. Back roller provides good recompaction of the soil, crumbling of clods and levelling of the area surface. (Optional rollers, page 39).



Technical parameters	Units	Triolent TX 470 PS	Triolent TX 600 PS	Triolent TX 800 PS	Duolent DX 600 PS	Duolent DX 800 PS
Working width	mm / ft	4700 / 15.4	6200 / 20.3	7900 / 26	6200 / 20.3	7900 / 26
Transport width	mm / ft	3000 / 9.8	3000 / 9.8	3000 / 9.8	3000 / 9.8	3000 / 9.8
Transport height	mm / ft		3300 / 10.8	4000 / 13	3300 / 10.8	4000 / 13
Total machine length	mm / ft	7495 / 24.6	7495 / 24.6	7495 / 24.6	6762 / 25.5	6762 / 25.5
Working depth	mm / in	60–300 / 2.4–11.8	60–300 / 2.4–11.8	60–300 / 2.4–11.8	60–300 / 2.4–11.8	60–300 / 2.4–11.8
Number of ploughshares	ks	16	19	25	15	19
Working performance	ha/h (ac/h)		4.8–7.2 (11.8–17.8)	6.4–9.6 (15.8–23.7)	4.8–7.2 (11.8–17.8)	6.4–9.6 (15.8–23.7)
Towing vehicle	kW / HP	150–220 / 200–300	245–370 / 330–500	295–440 / 400–600	220–330 / 300–450	265–400 / 360–540
Machine weight	kg / lb.	4620 / 10185	6750 / 14881	7550 / 16645	6050 / 13338	6795 / 14980



More info at www.farmet.eu



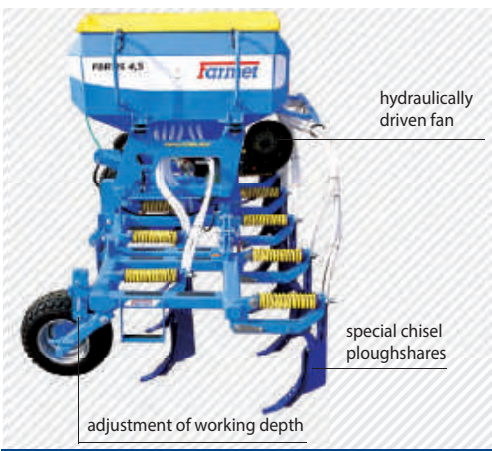
FERTIS

cultivators and fertilizer applicators

DEEP SOIL PROCESSING



Cultivator and fertilizer applicator Fertis is especially suitable for **deep row cultivation and aeration of soils – strip till technology up to the depth of 35 cm.** It also ensures targeted applications of supply fertilization in two depths (to the seeds and to the roots) – due to which it is possible to decrease the applied amount of fertilizers while maintaining the required yields.



1. Chisel ploughshares for additional fertilization and cultivation in two rows. (Optional ploughshares, page 31).



Technical parameters	Units	Fertis 4,5
Working width	mm / ft	4500 / 14.8
Transport width	mm / ft	3000 / 9.8
Transport height	mm / ft	2800 / 9
Total machine length	mm / ft	3000 / 9.8
Working depth	mm / in	100–350 / 4–13.8
Number of ploughshares	pcs	13
Working performance	ha/h (ac/h)	2.0–4.5 (5–11)
Towing vehicle	kW / HP	180–270 / 240–360
Machine weight	kg / lb.	2860 / 6305

8–12 km/h
5–7 mph

extra STEEL line
ultra high strength steel technology

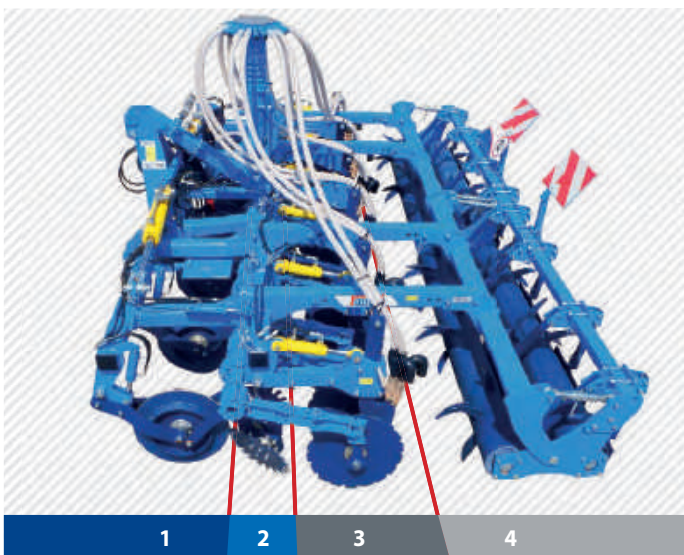
STRIP-TILL

track cultivators



8–12 km/h
5–7 mph

DEEP SOIL PROCESSING



1. The front disc with a vertical setting angle cuts through the crop residue layer.
2. The spreading disk spreads crop residue into the inter-row.
3. The massive shares loosen soil in the strip up to the depth of 35 cm.
4. The rear double spiked roller crushes clods and compacts the top layer of the loosened row.

The Strip-Till track cultivator is suitable for soil tillage where soil is processed in strips with the spacing of 75 cm and depth of up to 35 cm with the option to apply fertiliser at two depth levels. The strip till method is most suitable for wide-row crops as it prevents the loss of moisture from soil and has an anti-erosion effect.

Ploughshare width	150 mm (5.9 in)
Towing vehicle	22–33 kW/ploughshare 30–45 HP/ploughshare

Ploughshare width	50 mm (2 in)
Towing vehicle	15–22 kW/ploughshare 20–30 HP/ploughshare



Technical parameters	Units	Strip-Till 3	Strip-Till 4,5	Strip-Till 6
Working width	mm / ft	3000 / 9.8	4500 / 14.8	6000 / 19,7
Transport width	mm / ft	3000 / 9.8	3000 / 9.8	3000 / 9.8
Transport height	mm / ft	1800 / 5.9	2600 / 8.5	3350 / 11
Total machine length	mm / ft	3000 / 9.8	3050 / 10	3050 / 10
Working depth	mm / in	200–350 / 8–13.8	200–350 / 8–13.8	200–350 / 8–13.8
Number of ploughshares	pcs	4	6	8
Ploughshare spacing	mm / in	750 (700) / 29.5 (27.5)	750 (700) / 29.5 (27.5)	750 (700) / 29.5 (27.5)
Working performance	ha/h (ac/h)	2,4–3,6 / 5.9–8.9	3,6–5,4 / 8.9–13.3	4,8–7,2 / 11.9–17.8
Machine weight	kg / lb.	1650 / 3638	2300 / 5071	2750 / 6064

extra STEEL line
ultra high strength steel technology

More info at www.farmet.eu

STRENGTHENED CARBIDE PLOUGHSHARES

SLIM

SLIM 75 MULTI CARBIDE PRO

New massive forged shares with an extended service life and efficient protection against wear and tear thanks to the strong carbide plates.

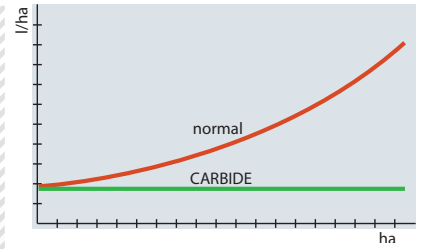
min. 4x delší životnost

Reinforced share body

NEW

massive forged share

strong carbide plates



TERRIX



TERRIX DUAL



TRITON



TRIOLENT



DUOLENT



FERTIS



Possibility to combine various shares in a single machine.

CARBIDE



+ 100–200 %



- 15 %

MULTI CARBIDE

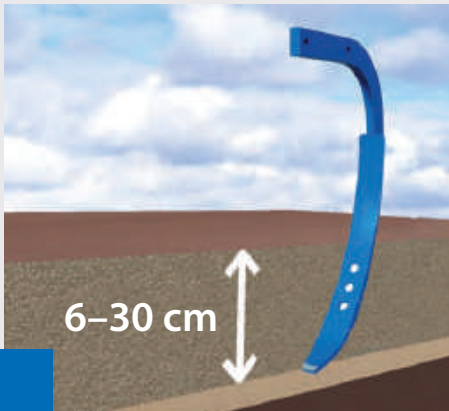


+ 150–400 %



- 15 %

Effective working depth 6–30 cm



Catalog No.	4005271
Share width	75 mm
Share thickness	15 mm
Share body hardness	up to 55 HRC
Widia plate hardness	up to 92 HRA



extra STEEL line
with high strength steel technology

SLIM 75 CARBIDE

Catalog No.	4017627
Share width	75 mm
Share body hardness	up to 58 HRC
Widia plate hardness	up to 92 HRA

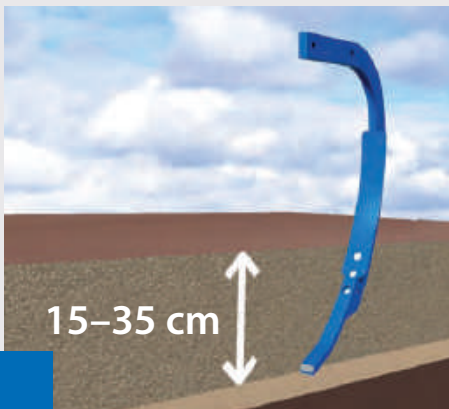


Long Life
Massive forged share

NEW

SLIM 75 MULTI CARBIDE PRO

Effective working depth 15–35 cm



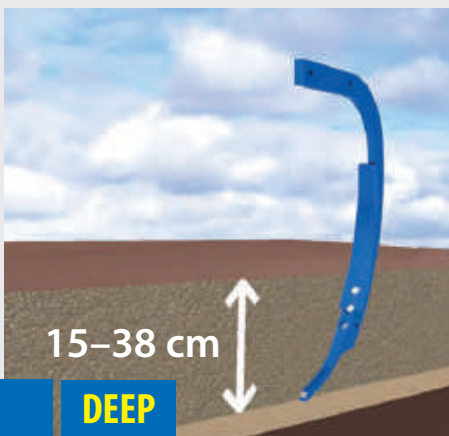
SLIM 40 MULTI CARBIDE narrowed shares (40 mm) to reduce tractive resistance and efficient protection against wear and tear thanks to carbide plates.

extra STEEL line
with high strength steel technology

Catalog No.	4010983
Share width	40 mm
Share thickness	20 mm
Share body hardness	up to 55 HRC
Widia plate hardness	up to 92 HRA

SLIM 40 MULTI CARBIDE

Effective working depth 15–38 cm



ULTRA SLIM 20 DEEP MULTI CARBIDE narrow and elongated shares (20 mm) to reduce tractive resistance and to increase the depth of soil cultivation up to 38 cm with efficient protection against wear and tear thanks to carbide plates.

extra STEEL line
with high strength steel technology

Catalog No.	4010984
Share width	20 mm
Share thickness	20 mm
Share body hardness	up to 55 HRC
Widia plate hardness	up to 92 HRA

ULTRA SLIM 20 DEEP MULTI CARBIDE

DEEP

DIGGER

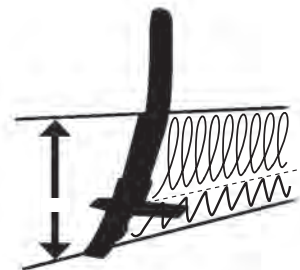
deep cultivators

DEEP SOIL PROCESSING



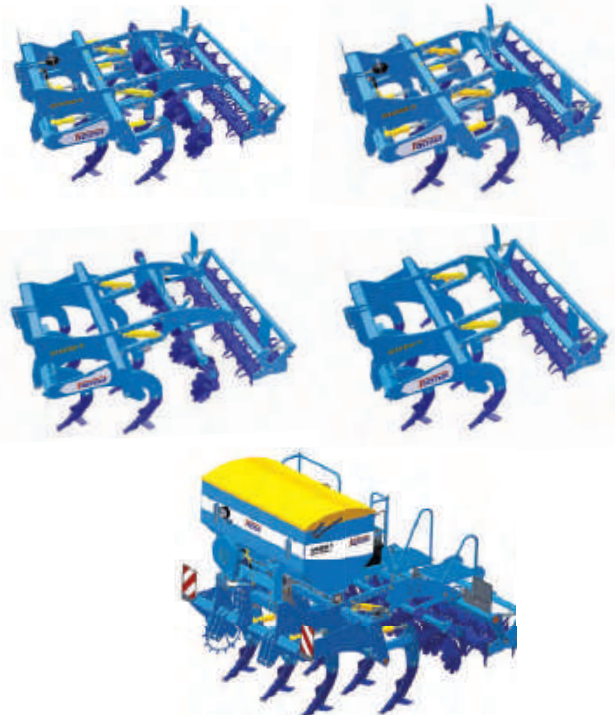


Digger is suitable especially as equivalent to standard ploughing at higher capacity and lower operating costs. It is also suitable for deep cultivation of impermeable layer of soil, levelling and fine processing of clods. It significantly improves absorption of compacted and wet soils and revitalizes headlands after harvest. It is also used for loosening of subsoil layer without risk of mixing with the biologically inactive soil.



250–500 mm (10–20 in)

8–12 km/h
5–7 mph



eXtra STEEL line®

ultra high strength steel technology

DIGGER

- Performs deep loosening of impermeable subsoil layer, cultivation of topsoil with incorporation of plant residues and levelling together with fine processing of clods as well. The soil is ready for sowing, e.g. with sowing combination, without other operations. The processing quality **substitutes ploughing at higher performance and lower costs.**
- **Massive construction of the frame** and working units is determined for processing of soil **up to the depth of 50 cm.** The soil processing is performed differentially according to the processing depth. Compacted subsoil layer is disintegrated and loosened without mixing with upper layers and water regime is restored. A special ploughshare with reinforced standard and adjustable height of winglets separating the depth by processing the production layer of soil with mixing from the lower part with cultivation only.
- Each farmer appreciates independent **hydraulic control of working depth** for each row of the ploughs directly from the tractor. It is a very practical solution. In adverse weather conditions, e.g. in a wet part of the field, the operator can work only with one row. In case of congestion, the machine is simply cleared by lifting one row up.

High performance and quality of work

- The new ploughshare design has a **very low traction resistance** and enables a high **working speed up to 12 km/h.**
- Ploughshares smoothly penetrate the soil and **the soil is cultivated without mixing it with subsoil layer**, so-called biologically inactive soil.
- Possibility of **lifting one row of the ploughshares under heavy conditions** such as marshes, headlands or when ploughing roads after harvest.
- Two rows of ploughshares provide a very good stability of the machine and **precise depth guiding** without the need to use tracing wheels. The high frame clearance of 750 mm provides **excellent passability.**
- The ploughshares with winglets incorporate plant residues very well and the levelling disks together with the double spiked roller perfectly level furrows.

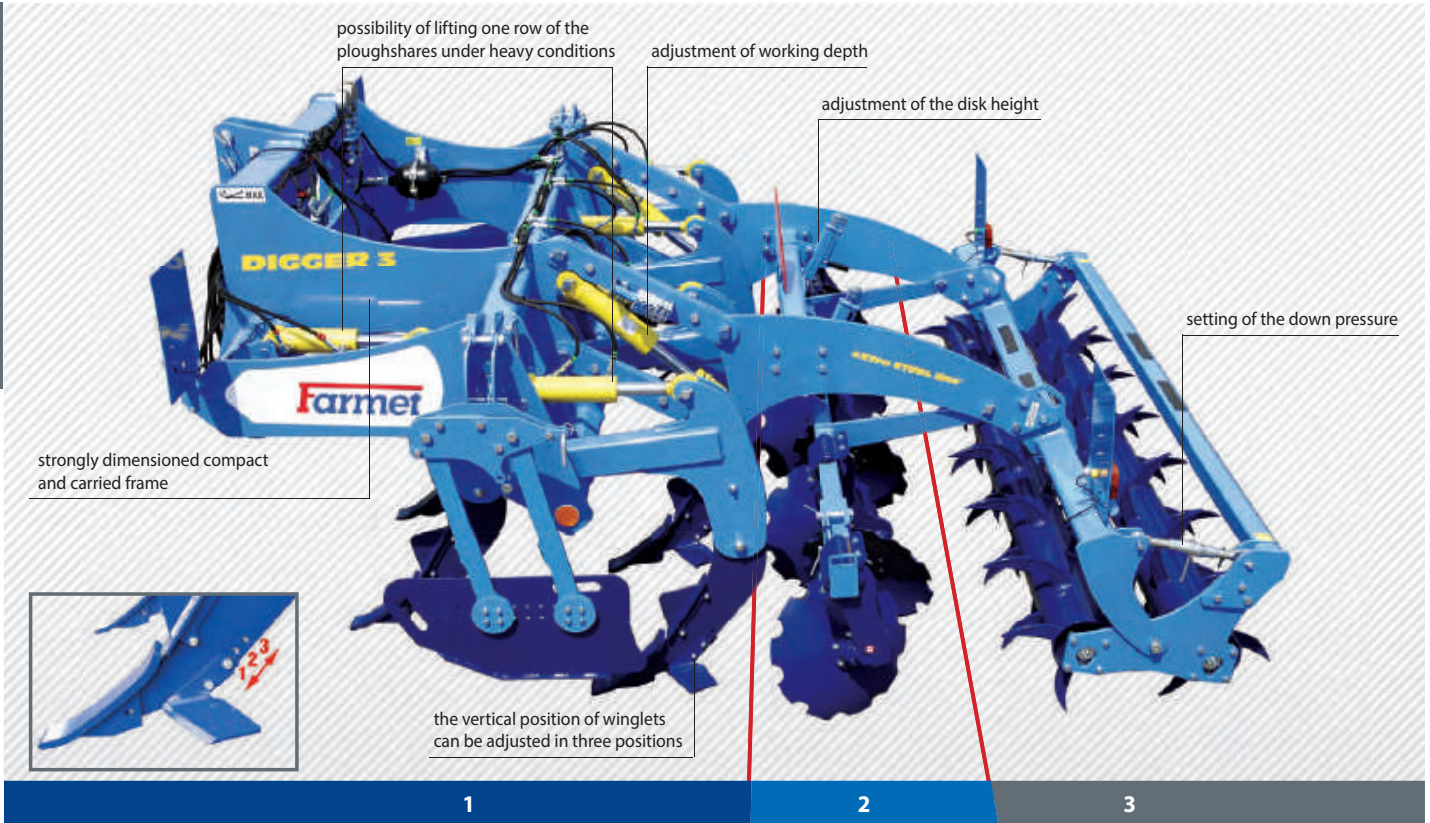
Robust design

- **High-strength refined materials** used for crucial nodes to ensure long service life.
- The tips of ploughshares are fitted with plates of **cemented carbides** for long service life, low wear and to maintain optimum geometry.
- The ploughshares are hydraulically protected by a release force at the tip of 1100 kg or you can choose the variant with mechanical protection.



Possibility of working in a single row under demanding conditions.





1. Massive ploughshares situated in 2 rows for deep cultivation 25–50 cm.
2. The levelling disks for striking down flying clods and partial cutting of clods on the surface.
3. The rear double spiked roller for crumbling of clods (Page 39).

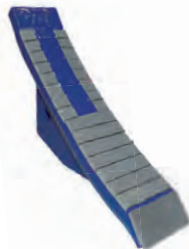
Technical parameters	Units	Digger 3 / Digger 3 Fert+	Digger 4 / Digger 4 Fert+	Digger 3 Fert+ Compact	Digger 4 Fert+ Compact
Working width	mm / ft	2900 / 9.5	3900 / 12.8	2900 / 9.5	3900 / 12.8
Transport width	mm / ft	2990 / 9.8	3900 / 12.8	2990 / 9.8	3900 / 12.8
Transport height	mm / ft	1790 / 5.9	1790 / 5.9	3500 / 11.4	3500 / 11.4
Total machine length	mm / ft	4000 / 13	4000 / 13	4125 / 13.5	4125 / 13.5
Working depth	mm / in	250–500/10–20	250–500/10–20	250–500/10–20	250–500/10–20
Number of ploughshares	pcs	7	9	7	9
Working performance	ha/h	2.4–3.6	3.1–4.7	2.4–3.6	3.1–4.7
	ac/h	6–9	7.7–11.4	6–9	7.7–11.4
Towing vehicle	kW	180–270	240–360	220–330	290–435
	HP	240–360	330–450	290–435	400–540
Machine weight	kg	2800 / 2860	3700 / 3760	3460	4600
	lb.	6180 / 6310	8160 / 8290	7630	10140

More info at www.farmet.eu

DIGGER 75 MULTI CARBIDE PRO

New massive forged shares with an extended service life and efficient protection against wear and tear thanks to the strong carbide plates.

NEW



DIGGER FERT+ COMPACT

DIGGER FERT+ & MONSUN MF



up to 2000 l



MONSUN MF
up to 1700 l

Application of fertiliser at two levels.

KRTEK

deep cultivators



Krtek is especially suitable for deep cultivation of compacted and impermeable layer of soil. It significantly improves absorption of compacted and wet soil. Loosening of subsoil layer is performed without risk of mixing of biologically inactive soil with topsoil.

8–12 km/h
5–7 mph

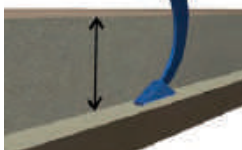
eXtra STEEL line
ultra high strength steel technology



1

1. Ploughshares in one row for deep cultivation up to the depth of 60 cm.

300–600 mm
12–24 in



- The deep cultivator is designed for work in all soil conditions which is enabled by hydraulic automatic protection.
- The time-tested ploughshares with possibility of powerful automatic hydraulic protection or alternatively with maintenance-free fixed pull rods.
- Supporting tracing wheels for more precise deep guiding of the machine.



NEW

Technical parameters	Units	Krtek DG 3	Krtek DG 5	Krtek DG 7
Working width	mm / ft	2690 / 8.8	2990 / 9.8	4400 / 14.4
Transport width	mm / ft	2700 / 8.8	3000 / 9.8	4450 / 14.6
Transport height	mm / ft	1980 / 6.5	1980 / 6.5	1980 / 6.5
Total machine length	mm / ft	1330 / 4.4	1380 / 4.5	1380 / 4.5
Working depth	mm / in	300–600 / 12–24	300–600 / 12–24	300–600 / 12–24
Nr. of ploughshares	pcs	3	5	7
Working performance	ha/h (ac/h)	0.8–1.0 (2–2.5)	1.0–1.4 (2.5–3.5)	2.8–4.2 (6.9–10.4)
Towing vehicle	kW / HP	110–165 / 150–225	180–270 / 245–360	250–380 / 335–510
Machine weight	kg / lb.	880 / 1940	1170 / 2579	1750 / 3859

More info at www.farmet.eu



1 TR

	mm	510
	kg/m	90

2 DR

	mm	400/350 (PS) 400/300 (NS)
	kg/m	120

3 RR

	mm	520
	kg/m	160

4 DRR

	mm	540/540
	kg/m	195

5 LTX

	mm	586
	kg/m	200

6 SDR

	mm	580
	kg/m	220

7 DP

	mm	820/520
	kg/m	190

8 DSR

	mm	570
	kg/m	175

9 CR

	mm	400
	kg/m	180

10 VR

	mm	580
	kg/m	175

11 MICRO DRILL



	1	2	3	4	5	6	7	8	9	10	11
Fantom NS	×	×	×			×				×	×
Fantom CLASSIC	×				×	×					
Fantom PRO	×			×		×		×			
Terrix / Terrix Dual PS		×	×	×	×	×				×	×
Triton PS		×	×	×	×	×				×	×
Triolent NS	×	×	×		×	×			×	×	×
Triolent PS		×	×	×	×	×				×	×
Duolent NS	×	×	×		×	×			×	×	×
Duolent PS		×	×	×	×	×				×	×
Digger								×			
Krtek						×					
Softer NS	×	×	×		×	×				×	×
Softer PS	×	×	×	×	11PS	×				×	11PS
Diskomat NS	×	×	×		×	×				×	×
Diskomat PS		×	×	×		×	×			×	×

KOMPAKTOMAT

presowing combinator





Presowing combinator Kompaktomat are time-tested machines designed for **presowing preparation of the soil after ploughing**. During one run the soil is perfectly processed to the state required for sowing of crops.

The advantage of the machine is **excellent levelling of the surface**, fine crumbling of clods and **formation of well-compacted sowing bed**. The land is perfectly levelled also due to smoothing harrows that can level and spread even high unevenness.



0–100 mm (0–4 in)

10–14 km/h
6–8 mph



N



P



PS



PS



MAX

extra STEEL line
ultra high strength steel technology

KOMPAKTOMAT N/NS

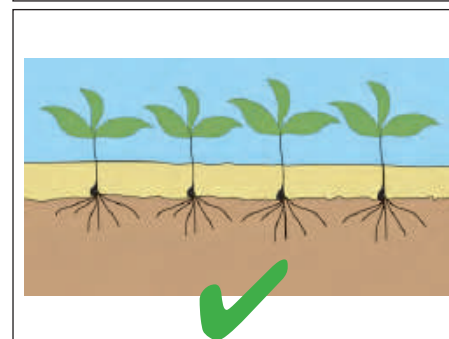
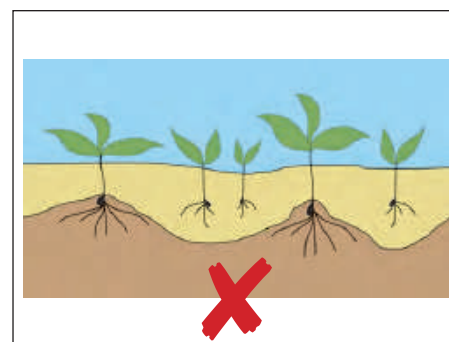
- Due to **high working speed**, **high working performance** can be achieved even with lower working span of the Kompaktomat machine. A key consideration is that due to its well-considered design and favourable weight Kompaktomat can prepare the soil after ploughing during one run, whereas the soil is processed not only on the surface, but in the whole horizon.
- During the run Kompaktomat performs **several working operations**, during which the surface of the soil is levelled and compacted to the depth. In the cultivated soil capillarity is restored and in the required depth the sowing bed is formed. The clods are finely crumbled. To achieve an ideal level, Kompaktomat is equipped with three smoothing harrows. The front leveller is located in front of the roller so that the machine can **level and spread even high unevenness**.
- Optionally, the combinator can be equipped with **hydraulic adjustment of depth of the share section and hydraulic adjustment of the front leveller**.

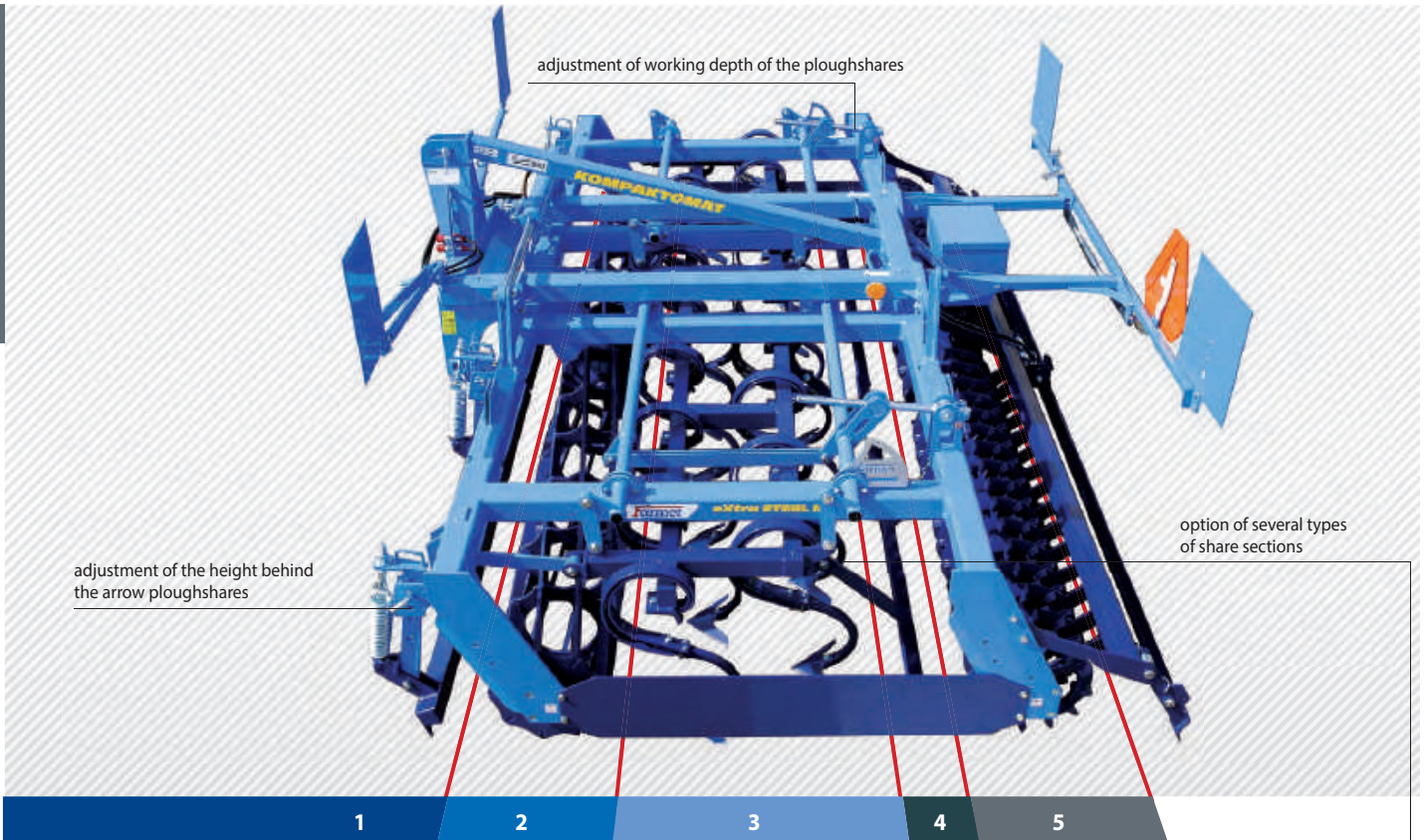
High performance and quality of work

- **7 operations performed during one run.**
- High working **speed up to 14 km/h.**
- **Excellent recompaction and restoration of soil capillarity** ensuring equal introduction.
- Precise adjustment of the depth of the ploughshare ensures **precise preparation of the sowing bed for each crop.**
- Automatic protection of ploughshares ensures trouble-free operation.
- Excellent levelling effect of field unevenness.

Robust design

- **High-strength refined materials** used for crucial nodes to ensure long service life. Heavily designed frame.
- The robust front smoothing harrow ensuring removal of upper layers of topsoil.
- Automatically unprotected ploughshares.
- The control elements of the presowing combinator are designed in order to achieve maximum safety of workers. Simple but quality construction with **minimum maintenance requirements.**





1. Front smoothing harrow for coarse levelling of the surface.
2. Front roller for rough crumbling of clods.
3. Share working section undercuts and cultivates the soil.
4. Central smoothing harrow levels the cultivated soil and the soil is directed below the rear roller.
5. The rear roller for fine soil processing
6. The rear smoothing harrow levels the surface.

Technical parameters	Units	Kompaktomat K 250 N	Kompaktomat K 300 N	Kompaktomat K 400 NS	Kompaktomat K 500 NS	Kompaktomat K 600 NS
Working width	mm / ft	2580 / 8.5	3000 / 9.8	4000 / 13	5000 / 16.4	6000 / 19.7
Transport width	mm / ft	2580 / 8.5	3000 / 9.8	3000 / 9.8	3000 / 9.8	3000 / 9.8
Total machine length	mm / ft	2640 / 8.6	2640 / 8.6	2930 / 9.6	3200 / 10.5	3200 / 10.5
Working depth	mm / in	0-100 / 0-4	0-100 / 0-4	0-100 / 0-4	0-100 / 0-4	0-100 / 0-4
Number of ploughshares AL/CF/AP	pcs	11 / 26 / 11	13 / 30 / 12	18 / 39 / 16	23 / 49 / 23	27 / 59 / 24
Working performance	ha/h (ac/h)	2.0-3.0 (5-7.5)	2.2-3.2 (5.5-8)	3.0-4.0 (7.4-10)	5.0-6.0 (12.4-14.8)	6.0-7.2 (14.8-17.8)
Towing vehicle	kW / HP	55 / 75	70 / 95	90 / 125	120 / 165	130 / 180
Machine weight	kg / lb.	1155 / 2546	1510 / 3329	2670 / 5886	3150 / 6946	3500 / 7718

More info at www.farmet.eu



AL



CF



AP



KOMPAKTOMAT P/PS

- Half-carried machines are offered with the working span from 3 m to 9.85 m. Wide range of working spans covers both small farmers with small tractors and large agricultural holdings equipped with powerful tractors.
- During the run Kompaktomat performs **several working operations**, during which the surface of the soil is levelled and compacted to the depth. In the cultivated soil capillarity is restored and in the required depth the sowing bed is formed.
- Optionally the combinator can be equipped with **hydraulic adjustment of depth of the share section and hydraulic adjustment of the front leveller**.
- Half-carried machines can also be equipped with the rear three-point linkage of category 2, where **additional crumbling crosskill rollers can be aggregated**. These rollers are suitable especially for summer when hard dry clods must be intensively crumbled. Aggregation of the sowing machine and formation of productive sowing combination is another possibility. (Page 49 and 71).

High performance and quality of work

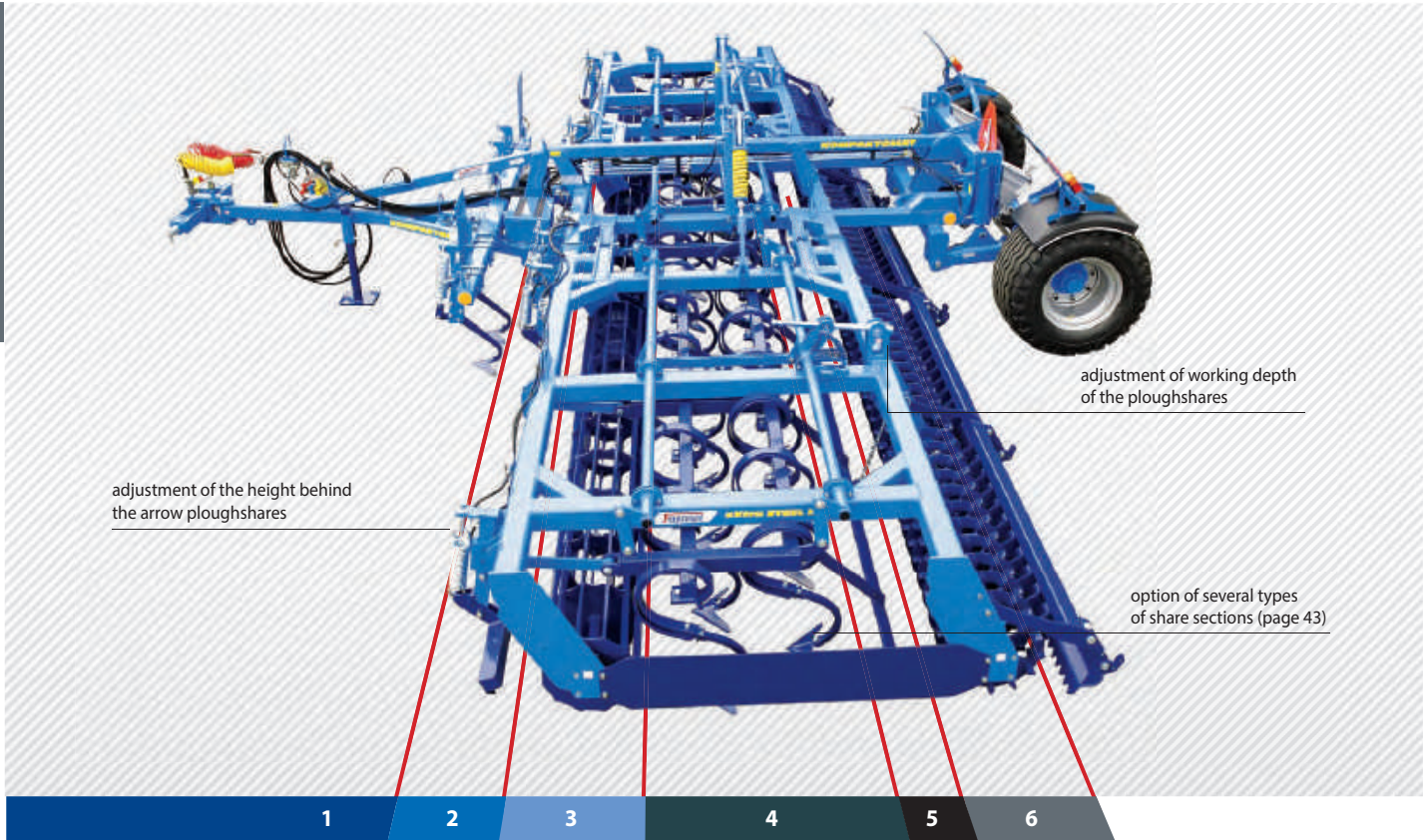
- **7 operations performed during one run.**
- High working **speed up to 14 km/h.**
- **Excellent recompaction and restoration of soil capillarity** ensuring equal introduction.
- Precise adjustment of the depth of the ploughshare ensures **precise preparation of the sowing bed for each crop.**
- Automatic protection of ploughshares ensures trouble-free operation.
- Excellent levelling effect of field unevenness.

Robust design

- **High-strength refined materials** used for crucial nodes to ensure long service life. Heavily designed frame.
- The robust front smoothing harrow ensuring removal of upper layers of topsoil.
- Automatically unprotected ploughshares.
- The control elements of the presowing combinator are designed in order to achieve maximum safety of workers. Simple but quality construction with **minimum maintenance requirements.**

KOMPAKTOMAT & MONSUN





adjustment of the height behind the arrow ploughshares

adjustment of working depth of the ploughshares

option of several types of share sections (page 43)

1 2 3 4 5 6

1. Tractor trail cultivators for lifting of the compacted soil.
2. Front smoothing harrow for coarse levelling of the surface.
3. Front roller for rough crumbling of clods.
4. Share working section undercuts and cultivates the soil.
5. Central smoothing harrow levels the cultivated soil and the soil is directed below the rear roller.
6. The rear roller for fine soil processing
7. The rear smoothing harrow levels the surface.



Technical parameters	Units	Kompaktomat K 300 P	Kompaktomat K 400 PS	Kompaktomat K 450 PS	Kompaktomat K 500 PS	Kompaktomat K 600 PS	Kompaktomat K 700 PS	Kompaktomat K 800 PS	Kompaktomat K 1000 PS
Working width	mm / ft	3000 / 9.8	4000 / 13.1	4500 / 14.8	5000 / 16.4	6000 / 19.7	7000 / 23	8000 / 26.3	9850 / 32.3
Transport width	mm / ft	3000 / 9.8	3000 / 9.8	3000 / 9.8	3000 / 9.8	3000 / 9.8	3000 / 9.8	3000 / 9.8	3000 / 9.8
Transport height	mm / ft	1650 / 5.5	2670 / 8.7	3030 / 9.9	2790 / 9.1	3230 / 10.6	3830 / 12.6	4220 / 13.9	4190 / 13.8
Total machine length	mm / ft	5965 / 19.6	5965 / 19.6	5965 / 19.8	6105 / 22	6105 / 22	6105 / 22	6105 / 22	6660 / 24
Working depth	mm / in	0-100 / 0-4	0-100 / 0-4	0-100 / 0-4	0-100 / 0-4	0-100 / 0-4	0-100 / 0-4	0-100 / 0-4	0-100 / 0-4
Number of ploughshares AL/CF/AP	pcs	13 / 30 / 12	18 / 39 / 16	20 / 47 / 20	23 / 49 / 23	27 / 59 / 24	31 / 69 / 31	35 / 77 / 32	43 / 91 / 38
Working performance	ha/h (ac/h)	2.2-3.2 (5.5-8)	3.0-4.0 (7.4-10)	3.5-4.5 (8.6-11)	3.0-5.0 (7.4-12.4)	3.5-6.0 (8.6-14.8)	4.5-7.0 (11-17)	5.5-8.0 (13.6-19.8)	8.5-10.0 (21-24.7)
Towing vehicle	kW / HP	70 / 95	90 / 125	110 / 150	120 / 165	130 / 180	150 / 205	160 / 220	180 / 245
Machine weight	kg / lb.	2360 / 5203	3010 / 6636	3340 / 7363	4025 / 8874	4360 / 9612	4960 / 10935	5345 / 11784	6920 / 15256

More info at www.farmet.eu



KOMPAKTOMAT MAX

- The wide span variant of the Kompaktomat machine is manufactured in the **working width of 12.5 m and 15.7 m**. It is designed for large agricultural holdings equipped with tractors **with power up to 600 HP**.
- During the run Kompaktomat performs **several working operations**, during which the surface of the soil is levelled and compacted to the depth. In the cultivated soil capillarity is restored and in the required depth the sowing bed is formed. The clods are finely crumbled. To achieve an ideal level, Kompaktomat is equipped with three smoothing harrows. The front leveller is located in front of the roller so that the machine **can level and spread even high unevenness**.
- Optionally the combinator can be equipped with hydraulic adjustment of depth of the share section and hydraulic adjustment of the front leveller.

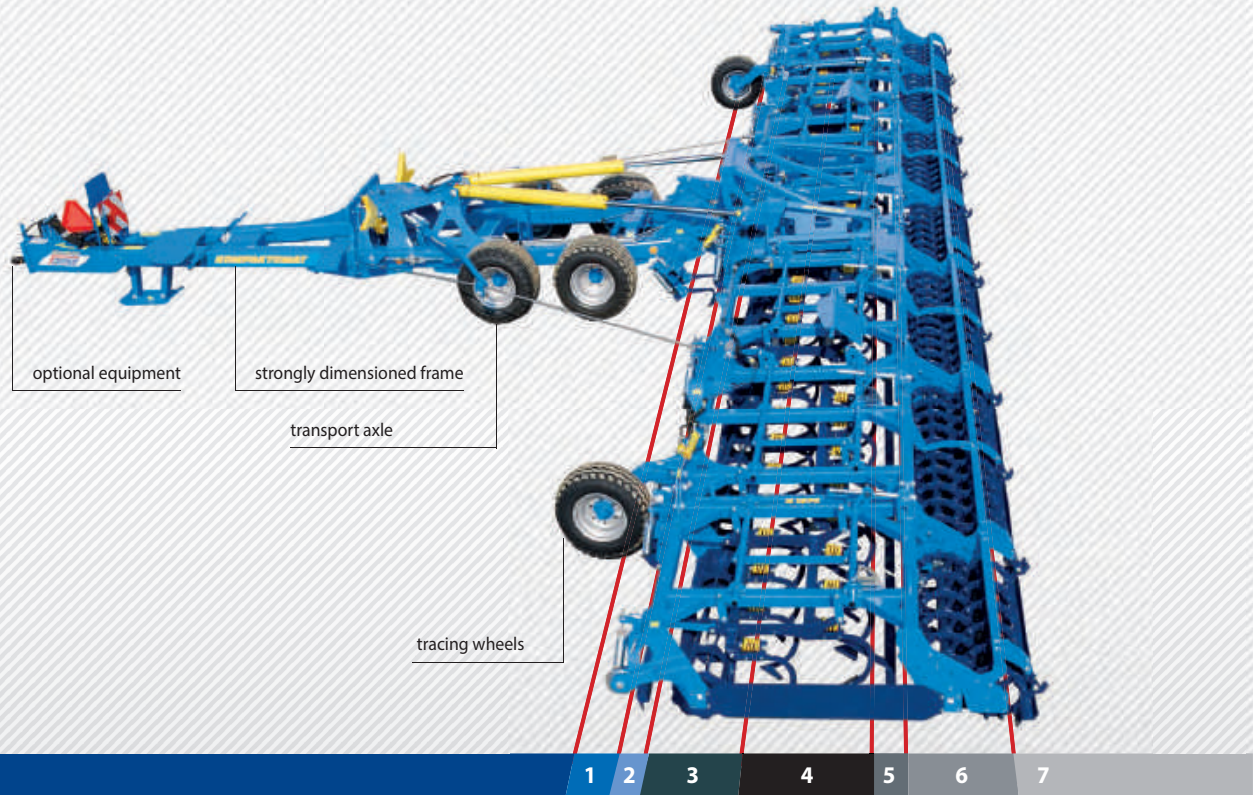
High performance and quality of work

- **7 operations performed during one run.**
- High working **speed up to 14 km/h**.
- **Excellent recompaction and restoration of soil capillarity** ensuring equal introduction.
- Precise adjustment of the depth of the ploughshare ensures **precise preparation of the sowing bed for each crop**.
- Automatic protection of ploughshares ensures trouble-free operation.
- Excellent levelling effect of field unevenness.

Robust design

- **High-strength refined materials** used for crucial nodes to ensure long service life. Heavily designed frame.
- The robust front smoothing harrow ensuring removal of upper layers of topsoil.
- Automatically unprotected ploughshares.
- The control elements of the presowing combinator are designed in order to achieve maximum safety of workers. Simple but quality construction with **minimum maintenance requirements**.





1. Tractor trail cultivators for lifting of the compacted soil.
2. Front smoothing harrow for coarse levelling of the surface.
3. Front roller for rough crumbling of clods.
4. Share working section undercuts and cultivates the soil.
5. Central smoothing harrow levels the cultivated soil and the soil is directed below the rear roller.
6. The rear roller for fine soil processing
7. The rear smoothing harrow levels the surface.





Technical parameters	Units	Kompaktomat K 1250 MAX	Kompaktomat K 1570 MAX
Working width	mm / ft	12500 / 41	15700 / 51.5
Transport width	mm / ft	3000 / 9.8	3000 / 9.8
Transport height	mm / ft	3500 / 11.5	3500 / 11.5
Total machine length	mm / ft	9550 / 31.3	9550 / 31.3
Working depth	mm / in	0-100 / 0-4	0-100 / 0-4
Number of ploughshares AL/CF/AP	pcs	53 / 119 / 53	67 / 149 / 67
Working performance	ha/h (ac/h)	12.0-15.0 (29.6-37)	13.0-20.0 (32.1-49.4)
Towing vehicle	kW / HP	120 / 165	180 / 245
Machine weight	kg / lb.	10500 / 23149	12500 / 27558

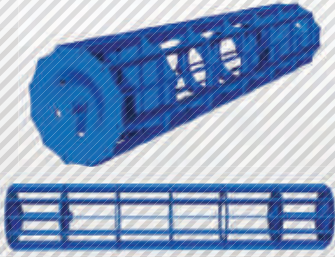
More info at www.farmet.eu





ROLLERS

1 BR

	mm	400
	kg/m	60



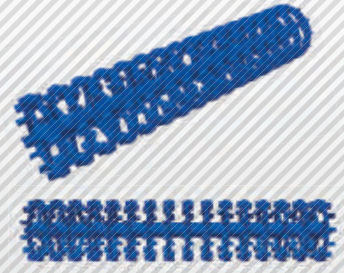
2 SB

	mm	400
	kg/m	60



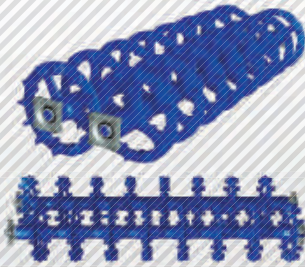
3 CR

	mm	400
	kg/m	170



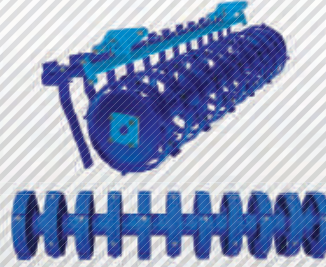
4 DCR

	mm	400
	kg/m	202

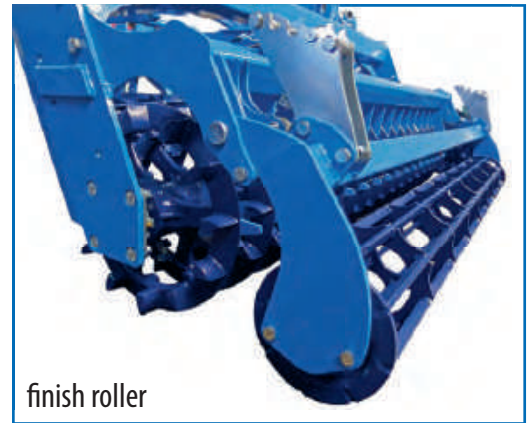
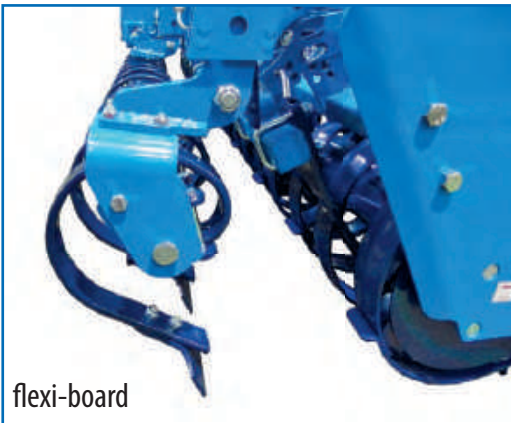


5 RR

	mm	400
	kg/m	115



PRESOWING PREPARATION



1	x
2	x
3	
4	
5	x

WE RECOMMEND

Variant 1	2	+	2
Variant 2	2	+	3
Variant 3	5	+	3

1	x
2	x
3	x
4	x
5	x



eXtra STEEL line
ultra high strength steel technology

10–14 km/h
6–8 mph

Crumbling rollers are especially suitable for improvement of the soil processing with Kompaktomat. They are used mainly in heavy soils, in summer and autumn seasons. They effectively crumble clods.

Technical parameters	Units	DV 300 N	DV 400 NS	DV 450 NS	DV 500 NS	DV 600 NS	DV 700 NS	DV 800 NS	DV 1000 NS
Working width	mm / ft	3000 / 9.8	4000 / 13.1	4500 / 14.8	5000 / 16.4	6000 / 19.7	7000 / 23	8000 / 26.3	9850 / 32.3
Transport width	mm / ft	3000 / 9.8	3000 / 9.8	3000 / 9.8	3000 / 9.8	3000 / 9.8	3000 / 9.8	3000 / 9.8	3000 / 9.8
Transport height	mm / ft	1045 / 3.4	1650 / 5.4	1890 / 6.2	2130 / 6.9	2610 / 8.6	3090 / 10.1	3565 / 11.7	3755 / 12.3
Total machine length	mm / ft	1500 / 4.9	1500 / 4.9	1500 / 4.9	1500 / 4.9	1500 / 4.9	1500 / 4.9	1500 / 4.9	2200 / 7.2
Number of wheels	pcs	24	34	40	44	52	60	68	81
Working performance	ha/h (ac/h)	2.5–3.0 (6–7.5)	3.0–4.0 (7.5–10)	3.0–4.5 (7.5–11.1)	3.0–5.0 (7.5–12.4)	3.5–6.0 (8.7–14.8)	4.5–7.0 (11–17.3)	5.5–8.0 (14–19.8)	7.0–10.0 (17.3–24.7)
Towing vehicle	kW / HP	15 / 20	20 / 27	23 / 31	25 / 34	30 / 39	35 / 46	40 / 52	50 / 65
Machine weight	kg / lb.	560 / 1235	1055 / 2326	1135 / 2502	1255 / 2767	1400 / 3087	1600 / 3527	1760 / 3880	2550 / 5622

Více informací na www.farmet.cz



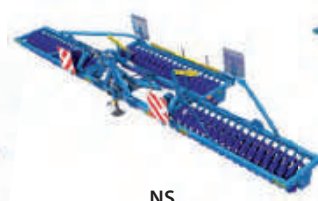
1

1. Fine pre-sowing soil processing – crushing of clods by rolling.

- Additional crumbling crosskill rollers aggregated to the rear hitch TPH of the presowing combinator Kompaktomat are in widespread use for more intensive processing of the soil, especially heavy soil.
- During transportation the rollers are carried and therefore manoeuvrability of the machine is not reduced at all.
- The advantage of this machine is its multipurposeness and adjustability bringing high variability of work.



N



NS



NS

VERSO

cultivators

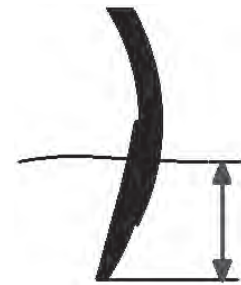
PRESOWING PREPARATION





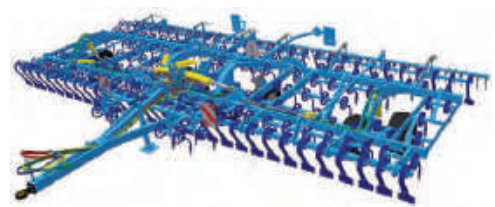
Cultivator Verso is especially suitable for **pre-sowing preparation of the soil after ploughing or stubble-breaking**. It levels the soil surface and prepares the sowing bed.

It also ensures **excellent passability under heavier and wet conditions**. It is resistant to rolling up and congestion with a high levelling effect. It is also suitable for very early spring soil processing after winter or for autumn works. It ensures shallow cultivation with incorporation of plant residues and destruction of weeds. It is equipped with chisels with plates of cemented carbides.



0–100 mm (0–4 in)

8–15 km/h
5–9 mph



eXtra STEEL line®

ultra high strength steel technology

VERSO PS

- Cultivator Verso is especially suitable for **pre-sowing preparation of the soil after ploughing or stubble-breaking – levelling of the surface and preparation of the sowing bed.**
- Verso is a half-carried **5-row cultivator with low traction resistance** and variable processing depth from 0 to 10 cm. Flexible ploughshares with chisels of the width of 37 mm ensure **intensive and fine soil processing.** The tines are flexibly fixed to the frame in the distance of 57 cm with **the possibility of deflection in case of an impact on an obstacle.**
- A great advantage of the cultivator is its **excellent passability and resistance to clogging.** When in operation, the cultivator is carried by integrated travel wheels that allow the operating staff to smoothly regulate the working depth according to the current soil conditions and thus prevent potential clogging of the machine, e.g. by lifting it up.

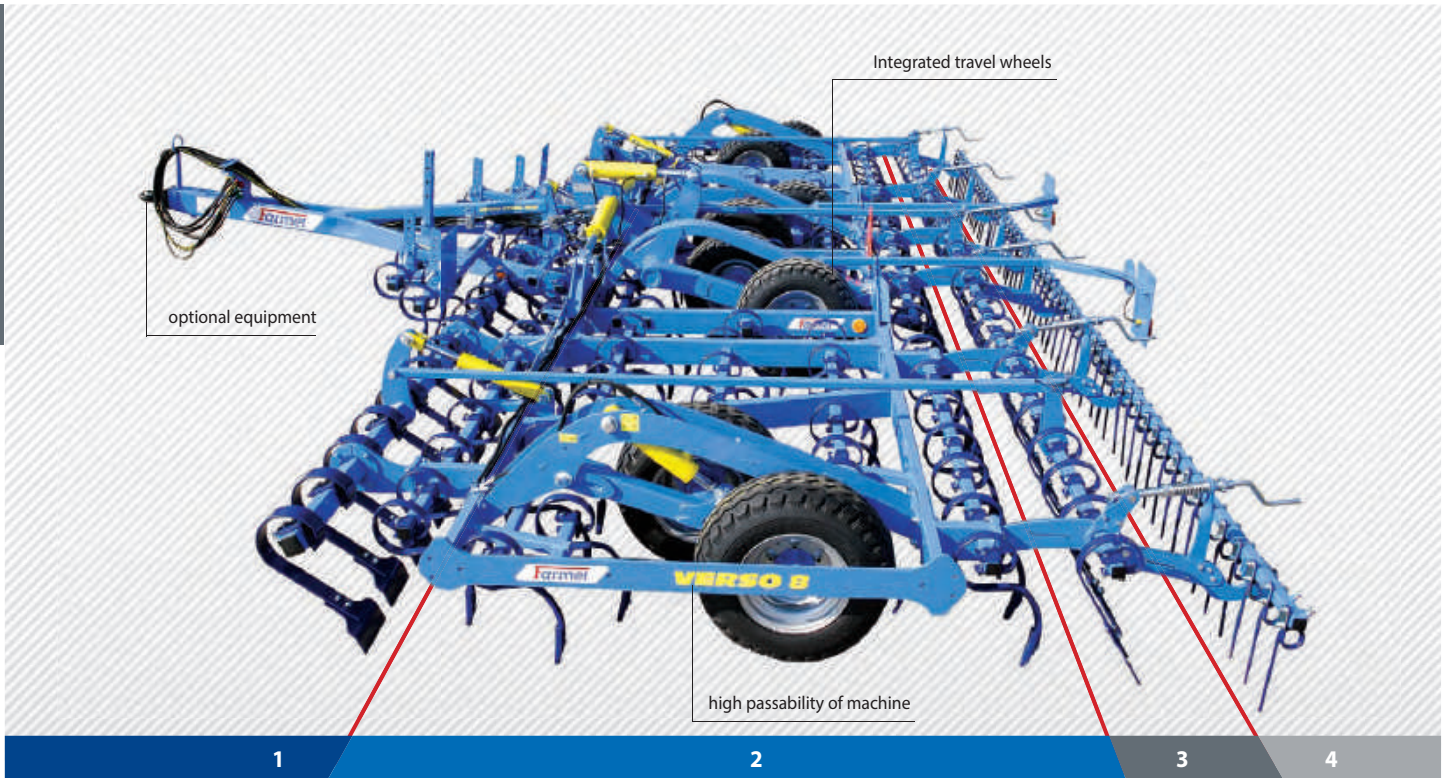
High performance and quality of work

- High working **speed up to 15 km/h.**
- **Low traction resistance** and excellent mixing of the soil due to the optimized design of ploughshares and their distribution.
- **Flexible ploughshares with chisels** of the width of 37 mm ensure intensive and fine soil processing.
- The chisels are flexibly fixed to the frame with **the possibility of deflection in case of an impact on an obstacle.**
- Frame height of 43 cm, integrated travel axle with hydraulic adjustment of the working depth and flexi boards controlled from the tractor.

Robust design

- The spacing of chisels is 75 mm. The curved shape of the shank has an excellent ability to maintain **the same working depth** according to the setting, even in the harshest conditions.
- The cultivator can simply be folded into the maximum transportation width of 3 metres and height of 4 metres, which meets the regulations for operation on the road network.





1. Hydraulically controlled front flexi-board leveller ensures spreading of large clods and basic surface levelling.
2. Flexible ploughshares with chisels of th width 37 mm in five rows ensure intensive and fine soil processing up to the depth of 10 cm.
3. Hydraulically controlled light rear flexi-board leveller levels unevenness of the soil.
4. The rear harrow smoothes the soil.



Technical parameters	Units	Verso 6 PS	Verso 7 PS	Verso 8 PS	Verso 9 PS
Working width	mm / ft	6000 / 19.7	7000 / 22.9	8000 / 26.3	9000 / 29.5
Transport width	mm / ft	3000 / 9.8	3000 / 9.8	3000 / 9.8	3000 / 9.8
Transport height	mm / ft	3160 / 10.4	3720 / 12.2	4000 / 13.1	4580 / 15
Total machine length	mm / ft	6800 / 22.3	6800 / 22.3	6800 / 22.3	6800 / 22.3
Working depth	mm / in	0–100 / 0–4	0–100 / 0–4	0–100 / 0–4	0–100 / 0–4
Number of ploughshares	pcs	77	91	101	115
Working performance	ha/h (ac/h)	8.0–10.0 (20–25)	9.0–11.0 (22–27)	10.0–12.0 (25–30)	11.0–13.0 (27–32)
Towing vehicle	kW / HP	130–195 / 180–270	150–225 / 205–308	160–240 / 220–330	180–270 / 245–368
Machine weight	kg / lb.	3570 / 7871	3920 / 8642	3960 / 8730	4350 / 9590



More info at www.farmet.eu



FALCON

modular sowing machines





Modular sowing machine Falcon is especially suitable for both minimizing and classic technologies. It is also suitable for sowing in all conditions and for all technologies – after ploughing, stubble-breaking, into mulch and without preparation. It enables sowing of two crops or variants, sowing with additional fertilization and use of STRIP-TILL technology of strip soil processing. Row spacing is user selectable. Perfectly prepares the sowing bed with optimum soil compaction.

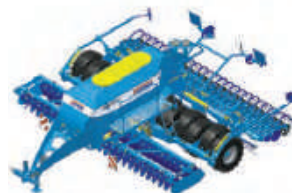
10–20 km/h
6–12 mph



PRO 3 m



PRO 4 m



PRO 6 m



PRO 8 m



SW



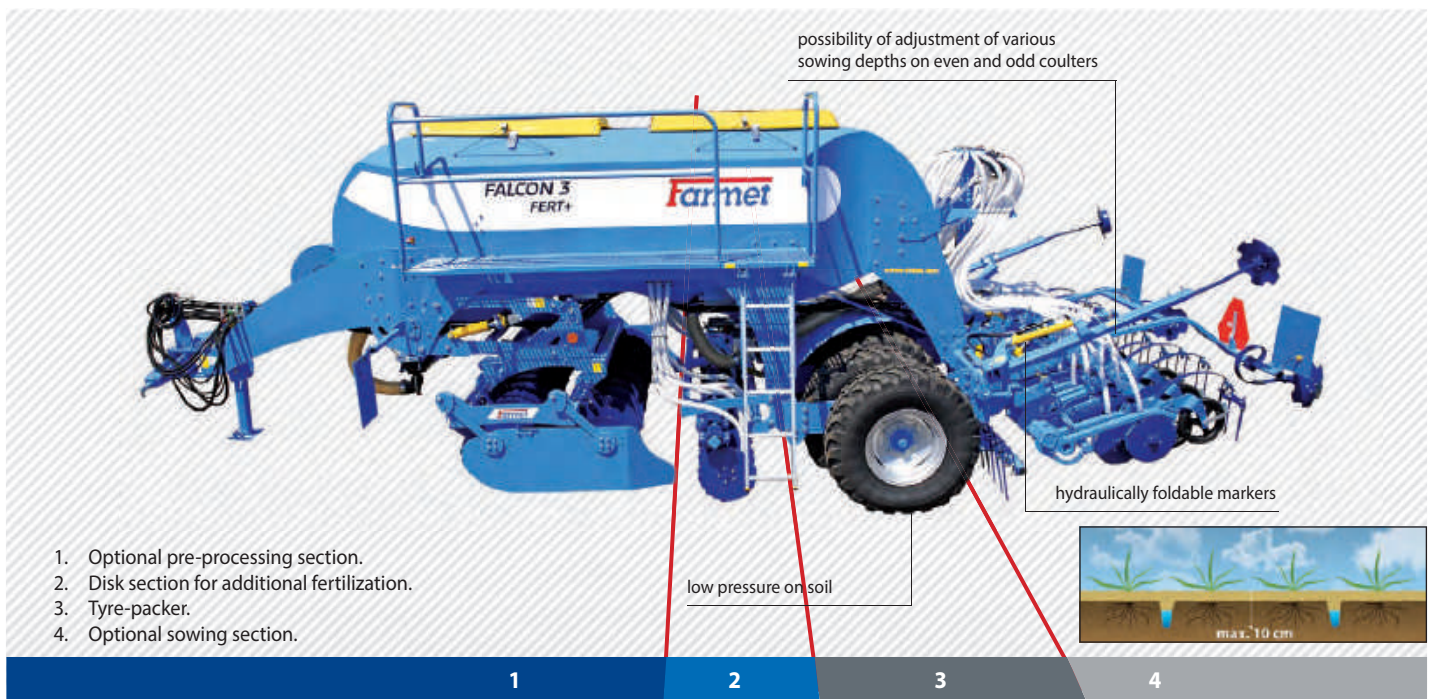
COMPACT

eXtra STEEL line®

ultra high strength steel technology

FALCON PRO

- Due its modularity, modular sowing machine Falcon is intended for all conditions and all technologies. Especially the mini-izing technology uses **sowing into unprepared soil with the applied fertilizer**. At conventional technology with pre-sowing soil preparation, high working speed, **excellent stability and manoeuvrability of the machine** can be used.
- Falcon combines soil preparation, additional fertilization and sowing itself into one operation, **into one run**. The conception of the sowing machine is based on **optionality and combination of all working sections** and their interchangeability. Between the pre-processing and sowing sections there is the tyre-packer with integrated travel axle. The sowing bed before each drill coulters is perfectly recompacted by the flotation (low-pressure) tyres. The wheels are resistant against damage.
- Falcon is a very compact machine with a low weight and low traction resistance. **The management and control system** is, of course, a part of the machine.



High performance and quality of work

- High working **speed up to 20 km/h**.
- **Low traction resistance** due to a low weight and large wheels.
- **Shorter idle periods for filling of feeders** thanks to a large capacity.
- **Fast turning at headlands** due to a short compact design.
- **Precise dept guidance** with optimum soil compaction.
- **Perfect surface levelling and compaction** in front of the drill coulters.

Robust design

- The flexible construction of the frame **excellently absorbs shocks and traces the terrain**.
- **Maintenance-free placement of all disks** ensuring operation of the machine without the need of additional lubrication.
- **Resistant and maintenance-free rubber mounting of the drill coulters** for adaptation to terrain with protection against overload.
- Due to minimum of adjusting and lubricating points the operation and subsequent maintenance are **very easy steps** that anybody can perform.



MODULAR SYSTEM FALCON PRO

Diagram illustrating the modular system Falcon Pro components and their applications:

- 0-10 cm**: Shallow tillage implement.
- 10-30 cm**: Deep tillage implement.
- 10-20 cm**: Intermediate tillage implement.
- 0-10 cm**: Shallow tillage implement.
- 0-10 cm**: Shallow tillage implement.
- 0-10 cm**: Shallow tillage implement.
- 0-10 cm**: Shallow tillage implement.
- 0-10 cm**: Shallow tillage implement.
- 0-10 cm**: Shallow tillage implement.
- 4000 l**: Fertilizer tank.
- 6000 l - FERT+**: Fertilizer tank with additional features.
- E**: Fertilizer applicator.
- A**: Precision sowing implement.
- B**: Precision sowing implement.
- C**: Precision sowing implement.
- D**: Precision sowing implement.
- NEW**: Precision sowing implement.
- ME TOUCH 1200 ISO-BUS (12,1')**: Precision sowing implement.
- ME TOUCH 800 ISO-BUS (8')**: Precision sowing implement.
- ME BASIC TERMINAL ISO-BUS (5,7')**: Precision sowing implement.
- ME COMFORT TERMINAL ISO-BUS (10,4')**: Precision sowing implement.



Sowing of cereals into narrow lines with possibility of fertilization under the heel.



Sowing of rape with deep loosening and fertilizer application.



Precision sowing of corn and fertilizer application.



FALCON PRO

NEW OPTIONAL EQUIPMENT

E



MICRO DRILL



SOWING

A

CLOSE DRILL TECHNOLOGY



Close drill technology

- Areal soil cultivation into the seedbed depth.
- Option of fertilisation under seeds.
- Sowing all common crops.



Technical parameters	Units	Falcon 3 PRO	Falcon 4 PRO	Falcon 4 FIX PRO	Falcon 6 PRO	Falcon 8 PRO
Working width	mm / ft	3000 / 9.8	4000 / 13.1	4000 / 13.1	6000 / 19.7	8000 / 26.3
Transport width	mm / ft	3000 / 9.8	3000 / 9.8	4000 / 9.8	3000 / 9.8	3000 / 9.8
Transport height	mm / ft	2700 / 8.9	3300 / 10.8	3300 / 10.8	3300 / 10.8	4000 / 13,1
Hopper vol. without additional fertilization	l	4000	4000	4000	4000	4000
Hopper vol. with additional fertilization	l	6000	6000	6000	6000	6000
Working performance	ha/h (ac/h)	3.0–4.5 (7.5–11.1)	4.0–6.0 (9.8–14.8)	4.0–6.0 (9.8–14.8)	6.0–9.0 (14.8–22.2)	8.0–12.0 (20–30)
Towing vehicle	kW / HP	92 / 125	117 / 160	117 / 160	161 / 220	205 / 280
Machine weight	kg / lb.	4830–5840 / 10648–12875	5340–7580 / 11773–16711	5040–7280 / 11111–16050	6800–8920 / 14991–19665	8440–10240 / 18607–22575

More info at www.farmet.eu



FALCON PRO STRIP

B

STRIP TILL SOWING TECHNOLOGY

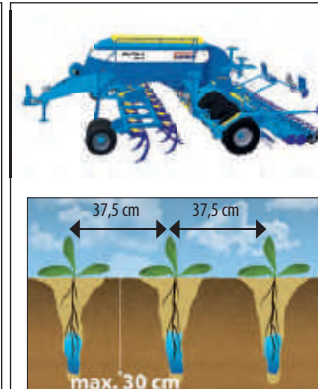
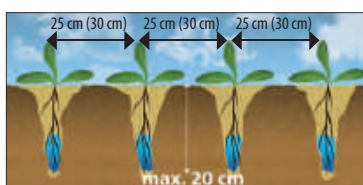
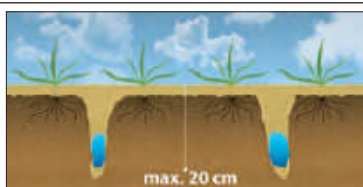
The best solution for rapeseed.



STRIP TILL & SOWING & FERTILIZATION

STRIP TILL sowing technology

- Deep cultivation, additional fertilization (optional) and sowing at one line.
- Strip (partial) processing of the soil to the depth.
- Sowing of winter oilseed rape and special crops.



SOWING

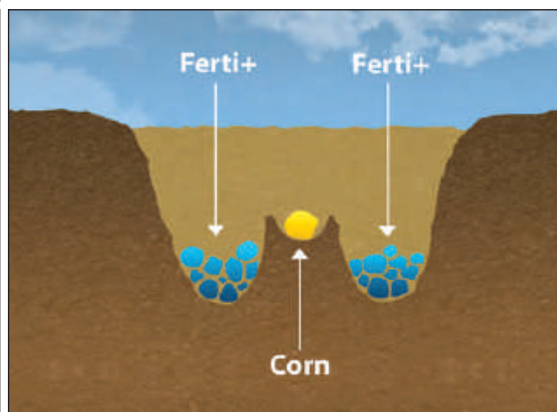
C

SOWING TECHNOLOGY OF WIDE ROW CROPS & FERTILIZATION



Sowing technology of wide row crops

- Sowing at precisely defined distance (e.g., maize, sunflower).
- Spacing of 75 cm.
- Possibility of additional fertilization with disk applicators from both sides of the row.



FALCON PRO TANDEM

NEW

D

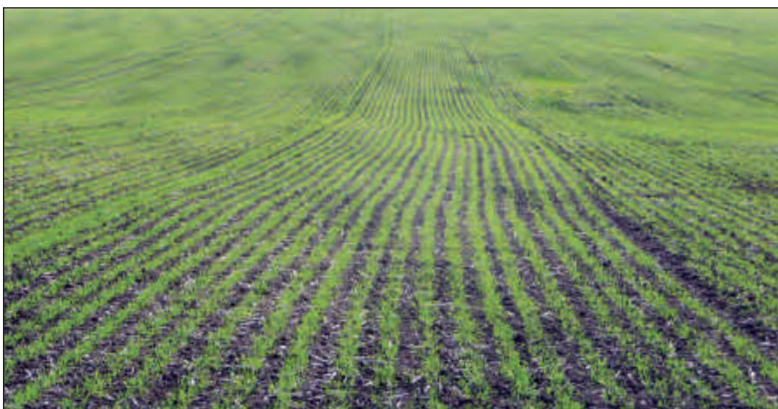
SHARE SOWING MACHINES



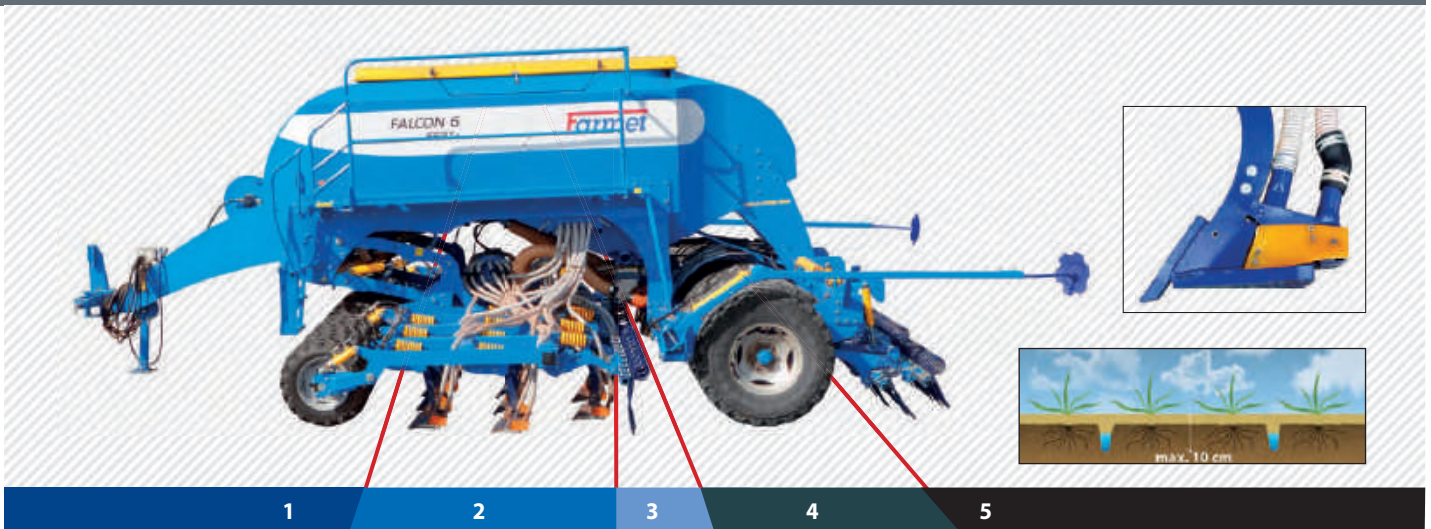
8–15 km/h
5–9 mph

eXtra STEEL line®
ultra high strength steel technology

The Falcon Pro Tandem seed drill is a modular version of the Falcon Pro seed drill, providing strip seeding using special shares with tandem-configured outputs for seeding and parallel placement of the fertilizer into the root zone. This seeding method is suitable for sowing into mulch, as well as standard cultivated soil. The front and rear tyre rollers provide a high precision depth guidance with accurate working depth adjustment of the seeding discs. A highly durable and robust frame means the machine is suitable for stony soils.



- The Falcon Pro Tandem seed drill uses the modular foundation of Falcon Pro, equipped with the front seeding section and tyre packer with three rows of special seeding shares. The seeding shares are followed by a leveller system, excellent for effective levelling of the surface and even distribution of crop residue.
- The rear roller equipped with large low-pressure tyres provides very low ground pressure on the soil, even when the seed and fertilizer hoppers are completely full. The robust tyres have high resistance to penetration and allow for transportation of the machine at high speeds, even for greater distances or on poor quality roads
- The special seeding shares with tandem-configured outputs for seeding and parallel placement of fertilizer into the root zone provide quality seeding, even under the conditions of a high quantity of crop residue in mulch seeding technologies. The precise depth guidance by tyre rollers helps achieve seeding depth precision comparable with disc seed drills.
- The robust frame of the machine makes it also suitable for rocky soils.



High performance and quality of work

- Reduced downtime for tank filling thanks to the large capacity hopper.
- Fast headland turns at the due to the short compact frame.
- Low pulling resistance with the reduced weight and share technology.
- Excellent depth guidance and accurate seed placement with the front and rear roller system. Perfect levelling, compaction and soil cultivation in a single pass.

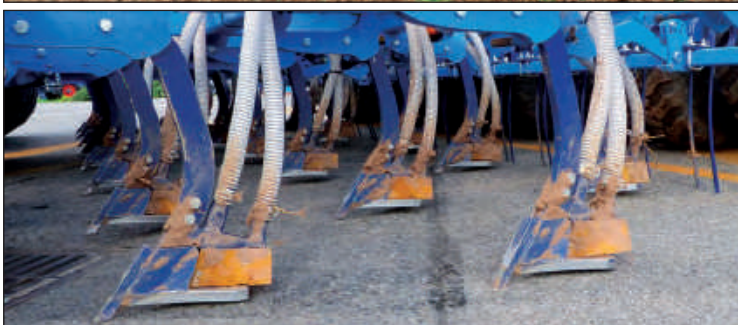
Robust design

- **High-strength materials** are used on key elements of the frame for durability
- Durable and **maintenance-free bearing** of all working parts.
- Large transport low-pressure radial tyres resistant to penetration and wear.

1. Front rubber-tyred roller.
2. Chisel section for additional fertilization.
3. Harrow for levelling the surface.
4. Rear double tyre-packer.
5. Harrow for levelling the surface.

Technical parameters	Units	Tandem 6
Working width	mm / ft	6000 / 19.7
Transport width	mm / ft	3000 / 9.8
Transport height	mm / ft	3250 / 10.7
Total machine length	mm / ft	7800 / 25.6
Working depth	mm / in	0-100 / 0-4
Number of drill coulters	pcs	24
Working performance	ha/h (ac/h)	4.0-6.0 (9.8-14.8)
Towing vehicle	kW / HP	147 / 200
Machine weight	kg / lb.	6500-7500 / 14300-16600

More info at www.farmet.eu



FALCON SW



10–20 km/h
6–12 mph

The modular Falcon SW seed drill is a simplified, balanced and universal version of the Falcon seed drill. It is designed for sowing all common crops in various crop establishment technologies with the option of selectin various seeding sections.



Technical parameters	Units	Falcon SW
Transport width	mm / ft	3000 / 9.8
Hopper vol. without additional fertilization	l	4000
Hopper vol. with additional fertilization	l	6000

More info at www.farmet.eu



Wide seeding bar for sowing close-drilled crops.

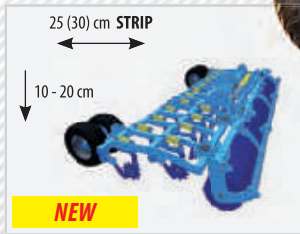
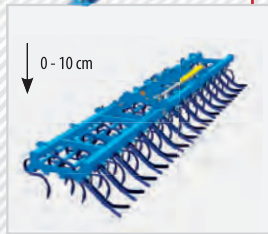
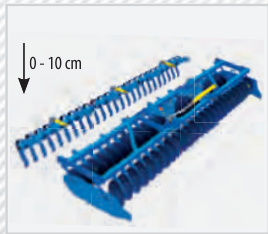
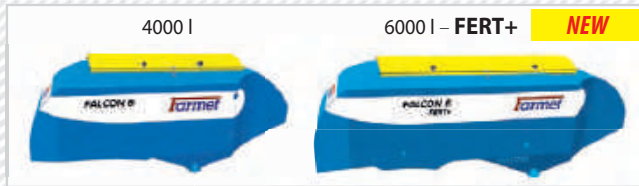


Mounted seed drill for sowing wide-row crops.



Mounted cultivator for strip-till soil cultivation.

MODULAR SYSTEM FALCON SW



extra STEEL line
ultra high strength steel technology

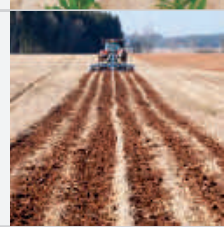
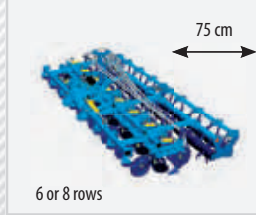
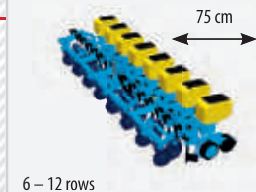
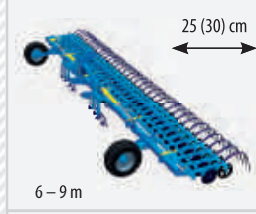
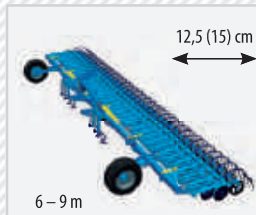


ME TOUCH 1200
ISO-BUS (12,1")

ME TOUCH 800
ISO-BUS (8")

ME BASIC TERMINAL
ISO-BUS (5,7")

ME COMFORT TERMINAL
ISO-BUS (10,4")



FALCON SW

CLOSE DRILL TECHNOLOGY



STRIP TILL SOWING TECHNOLOGY



SOWING TECHNOLOGY OF WIDE ROW CROPS & FERTILIZATION



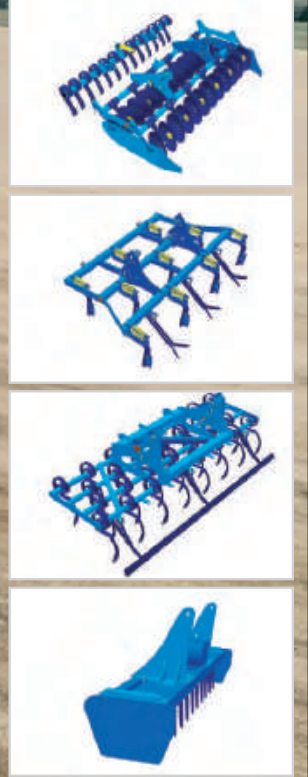
FALCON SW + IMPACT

SOWING

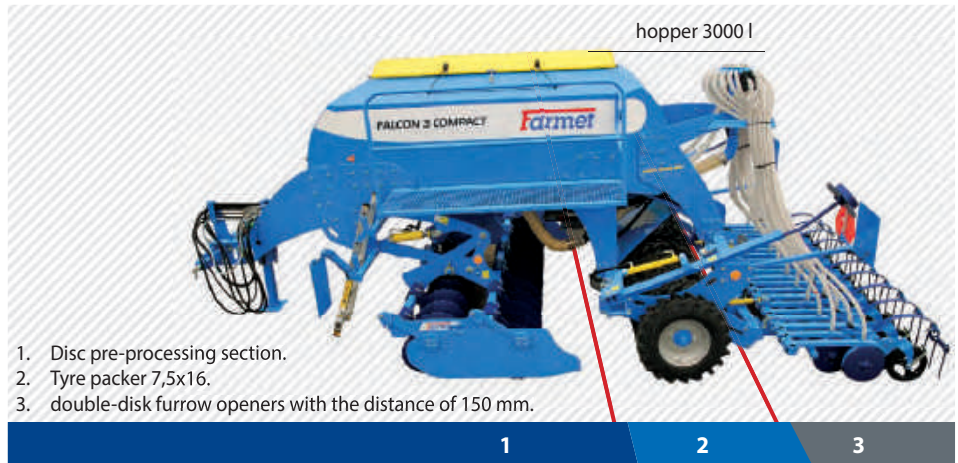


10–20 km/h
6–12 mph

MODULAR SYSTEM



Falcon Compact is a compact, simplified version of the Falcon seed drills for establishing growth after tillage, deep cultivation as well as stubble cultivation with fixed equipment. Falcon Compact is designed for farmers who prefer narrow wheels of the packer, a large hopper capacity and the inter-row seed spacing of 15cm.



1. Disc pre-processing section.
2. Tyre packer 7,5x16.
3. double-disk furrow openers with the distance of 150 mm.

hopper 3000 l

Technical parameters	Units	Falcon 3 COMPACT	Falcon 4 COMPACT
Working width	mm / ft	3000 / 9.8	4000 / 13.1
Transport width	mm / ft	3000 / 9.8	4000 / 13.1
Transport height	mm / ft	2800 / 9.1	2800 / 9.1
Hopper vol. without additional fertilization	l	3000	3000
Working performance	ha/h (ac/h)	3.0–4.5 (7.5–11.1)	4.0–6.0 (9.8–14.8)
Towing vehicle	kW / HP	88 / 120	103 / 140
Machine weight	kg / lb.	3800 / 8380	4400 / 9700

More info at www.farmet.eu



NEW

IMPACT

precise seed drills



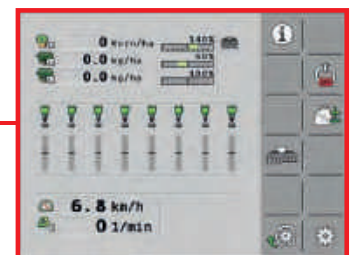
**8–15 km/h
5–9 mph**

Impact is a modern precision seed drill with an advanced pneumatic seeding system and top spec electronic seeding control system providing a high precision seeding with high working speeds. Impact is also equipped with a system of double-sided disk units, configured in tandem for fertilizer application. This not only ensures precise seed placement at the required depth, but also strip-till soil processing and seedbed preparation.

ELECTRONIC SEEDING CONTROL SYSTEM



- Impact is designed for precise seeding of wide-row crops such as maize, sunflower, and rapeseed with the option of additional fertilization using granulated fertilizers. Impact has a heavy duty frame to ensure accurate placement of fertilizer and seeds at the required depth, with ability to work in heavier soil conditions.
- The system of tandem-configured disk fertilization units not only provides precise double-sided placement of fertilizer in the root zone, but also strip-till pre-processing for subsequent precise placement of seeds into a prepared seedbed.
- The design of the Impact seed drill allows high working speeds from 10 to 15 km/h depending on the soil conditions.
- The seeding units are equipped with a highly advanced seeding control system. Specially placed sensors scan each individual seed and assess accurately for gaps or doubles. All the working and output information is displayed on the ISO-bus terminal in the tractor cab. All of the machine functions can be constantly checked by the operator and on-the-move modifications, adjustments and speed can be made according to the soil conditions.



ME TOUCH 1200
ISO-BUS (12,1")



ME TOUCH 800
ISO-BUS (8")



ME BASIC
TERMINAL
ISO-BUS (5,7")



ME COMFORT
TERMINAL
ISO-BUS (10,4")



High performance and quality of work

- **High working speed** of up to 15 km/h, high seeding rate reliability.
- **Highly advanced electronic control system** for each seed placed.
- Electronic control of all functions of the machine during work – ISO bus system.
- Double-sided fertilization with tandem-configured disk units.
- **Strip-till soil pre-processing** and seedbed preparation.

Robust design

- Hydraulic folding into the transportation position.
- **Durable and maintenance-free bearing of all disks.**
- **Durable and maintenance-free rubber bearing** of fertilization units with overload protection.
- **Highly durable seeding units** with flexible pressure adjustment.

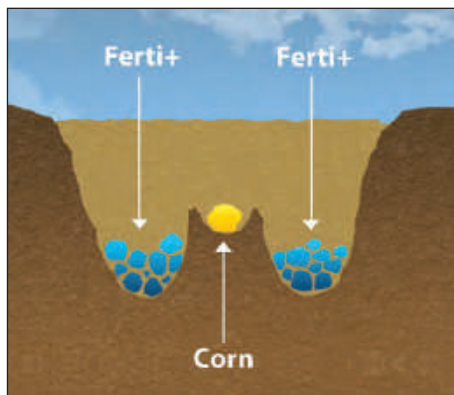
Technical parameters	Units	Impact 6	Impact 8
Working width	mm / ft	4500 / 14.8	6000 / 19.7
Transport width	mm / ft	3000 / 9.8	3000 / 9.8
Transport height	mm / ft	2400 / 7.9	2400 / 7.9
Total machine length	mm / ft	2350 / 7.7	2350 / 7.7
Number of fertilising disks	pcs	12	16
Working performance	ha/h (ac/h)	4.5–6.0 (11–15)	6.0–9.0 (15–22)
Towing vehicle	kW / HP	75 / 100	90 / 125
Machine weight	kg / lb.	2700 / 5950	3200 / 7056

More info at www.farmet.eu



1. Double-sided additional fertilisation using disc units.
2. Precise seeding units.

SOWING TECHNOLOGY OF WIDE ROW CROPS & FERTILIZATION



FALCON SW + IMPACT



MONSUN MF + IMPACT



MONSUN

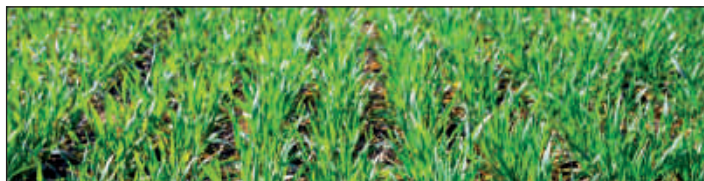
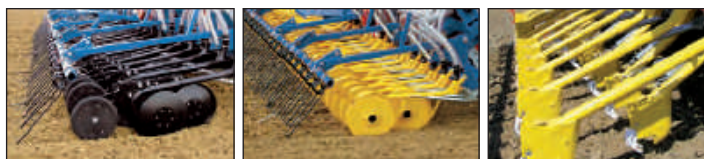
Pneumatic sowing machines



ME

Pneumatic sowing machine Monsun is especially suitable for row sowing of wide range of crops (cereals, legumes, oilseeds, grasses). It is characterized by precise dosage of seeds in the range from 2 to 380 kg. It is intended for small and medium areas. It can be aggregated separately or in combination with the machines for soil preparation. Aggregation is possible into a three-point tractor hitch. When in the working position, as a half-carried machine it rests on its own travel wheels.

8–15 km/h
5–9 mph



MC

- Sowing after ploughing in the processed soil.
- Possibility of aggregation with the machine for soil preparation.
- Light carried design.
- Large seed hopper.
- Very low traction resistance.

Smartly designed machine

- Monsun MA is designed for **independent sowing** or for **combination with the machines for soil processing** in small and medium areas.
- **Aggregation with rotary harrows** (Monsun MB, MC)
- Monsun MD is **characterized by a low weight and large hopper volume**.
- **Hydraulic folding to 3 metres of the transport width** (Monsun ME).
- **Light carried design with large hopper** (Monsun MF).

Easy operation

- Easy adjustment of the sowing depth, pressure of coulters and sowing dosage.
- Minimum of adjustment points.
- Minimum of lubrication points.
- Inspection of sowing functions of well-arranged electronic system.



1. Disk drill coulters.
2. Rear harrow for levelling the surface.

Technical parameters	Units	Monsun MA 300	Monsun MA 400	Monsun MA 450	Monsun MB 250	Monsun MB 300	Monsun MC / MCM 300	Monsun MC / MCM 400	Monsun MC / MCM 450
Working width	mm / ft	3000 / 9.8	4000 / 13.1	4500 / 14.8	2500 / 8.2	3000 / 9.8	3000 / 9.8	4000 / 13	4500 / 14.8
Hopper volume	l / cu ft	1150 / 40	1150 / 40	1150 / 40	850 / 30	850 / 30	1150 / 1300 (40/46)	1150 / 1300 (40/46)	1150 / 1300 (40/46)
Number / width of rows	pcs	24 / 32	24 / 32 / 40	32 / 36 / 40	20	24	24 / 32	32 / 40	36 / 40
Working depth	ha/h (ac/h)	1.5–3.6 (3.7–8.9)	2.0–4.8 (5–11.9)	2.3–5.5 (5.7–13.6)	1.25–3.0 (3–7.5)	1.5–3.6 (3.7–8.9)	1.5–3.6 (3.7–8.9)	2.0–4.8 (5–11.9)	2.3–5.5 (5.7–13.6)
Towing vehicle	kW / HP	44 / 60	59 / 80	66 / 90	80 / 110	88 / 120	88 / 120	118 / 160	140 / 180
Machine weight	kg / lb.	600 / 1323	660 / 730 (1455–1609)	720 / 800 (1587–1764)	747 / 1647	799 / 1762	2400 / 5304	2850 / 6283	3100 / 6834

Technical parameters	Units	Monsun MD 600	Monsun MD 800	Monsun ME 500	Monsun ME 600	Monsun ME 660	Monsun ME 800	Monsun MF 300	Monsun MF 400
Working width	mm / ft	6000 / 19.7	8000 / 26.3	5000 / 16.4	6000 / 19.7	6600 / 21.7	8000 / 26.3	3000 / 9.8	4000 / 13
Hopper volume	l / cu ft	2x1150 / 2x40	2x1150 / 2x40	2000 / 70.6	2000 / 70.6	2000 / 70.6	2000 / 70.6	1100 / 38.9	1100 / 38.9
Number / width of rows	pcs	48 / 64	64	40 / 48	48 / 64	48 / 64	64	24 / 32	32 / 40
Working depth	ha/h (ac/h)	3.0–7.2 (7.5–18.7)	4.0–9.6 (10–23.8)	2.5–6.1 (6.2–15)	3.0–7.2 (7.5–17.8)	3.0–8.1 (7.5–20)	4.0–9.6 (10–23.7)	1.5–3.6 (3.7–8.9)	2.0–4.8 (5–11.9)
Towing vehicle	kW / HP	74 / 100	96 / 130	110 / 150	118 / 160	118 / 160	118 / 160	89 / 110	110 / 150
Machine weight	kg / lb.	2020 / 4453	2300 / 5070	2300 / 5070	2500 / 5512	2750 / 6063	3000 / 6614	395 / 430 (871/948)	395 / 500 (871/1102)

More info at www.farmet.eu



PREMIUM NS

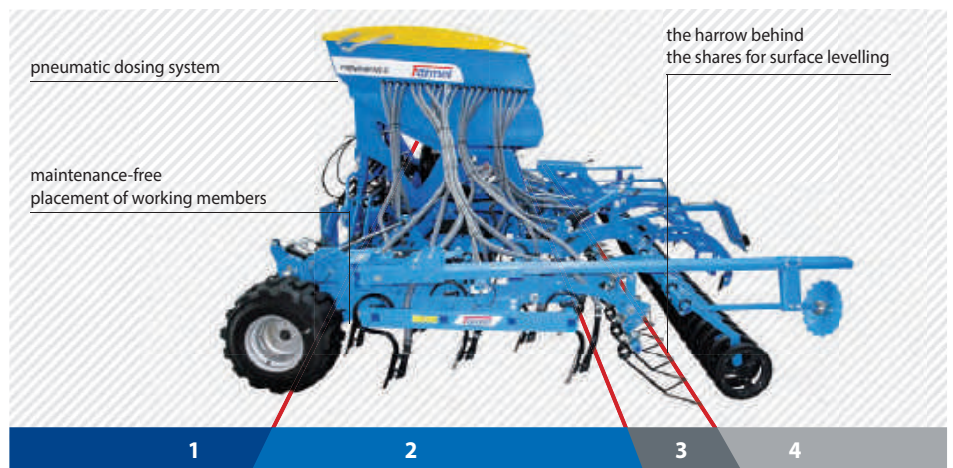
share sowing machines



Share sowing machine Premium NS is especially suitable for both minimizing and classic technologies. It enables sowing into stubble ploughing and after processed ploughing. It is characterized by large working span and high productivity.

8–15 km/h
5–9 mph

- Premium NS is a share sowing machine designed for simple seeding under heavy or rocky conditions at high working speed of 12 to 15 km/h.
- The seeding machine with four working sections is designed as carried, hydraulically foldable to the transport width of 3 m with a frame divided into two parts.
- To achieve maximum passability of plant residues and even surface levelling, the sowing shares are arranged in 5 rows.



1. Front shovel leveller levels the soil.
2. Sowing shares in 5 rows.
3. The harrow behind the shares levels the surface and uniformly spreads plant residues.
4. The soil is compacted by the rear roller in the sowing line.



Technical parameters	Units	Premium NS 4	Premium NS 4,8	Premium NS 5	Premium NS 5,6	Premium NS 6
Working width	mm / ft	4000 / 13	4800 / 15.8	5000 / 16.4	5600 / 18.4	6000 / 19.7
Transport width	mm / ft	3000 / 9.8	3000 / 9.8	3000 / 9.8	3000 / 9.8	3000 / 9.8
Total machine length	mm / ft	3800 / 12.5	3800 / 12.5	3800 / 12.5	3800 / 12.5	3800 / 12.5
Volume of hopper + extender	l / cu ft	1400+600 / 48+21	1400+600 / 48+21	1400+600 / 48+21	1400+600 / 48+21	1400+600 / 48+21
Working depth	mm / in	0–100 / 0–4	0–100 / 0–4	0–100 / 0–4	0–100 / 0–4	0–100 / 0–4
Number of ploughshares	pcs	32	38	40	40	48
Working performance	ha/h (ac/h)	2.6–4.0 (6.5–10)	3.2–4.8 (8–11.9)	3.3–5.0 (8–12.4)	3.7–5.6 (9.1–13.8)	4.0–6.0 (10–14.8)
Towing vehicle	kW / HP	103 / 140	118 / 160	118 / 160	125 / 170	132 / 180
Machine weight	kg / lb.	2200 / 4850	2350 / 5181	2420 / 5335	2520 / 5556	2640 / 5820

More info at www.farmet.eu

CAMBRIDGE

rollers



Cambridge rollers are especially suitable for **additional pre-sowing soil processing, restoration of soil capillarity, crumbling of clods and surface levelling**. They are also suitable for the soil processing after sowing – more uniform seed emergence and acceleration of vegetation.

8–15 km/h
5–9 mph



Ø 500 mm (20 in)

1

1. Fine after-sowing soil processing – crushing of clods by rolling.

- Cambridge rollers are designed for **additional pre-sowing soil processing**, especially in heavy dry conditions.
- Cambridge rollers are used for **levelling of the surface, crumbling of clods and restoration of soil capillarity**. The machine can also be used after sowing. Working operation performed in this way increases uniformity of seed emergence and subsequently acceleration of vegetation.



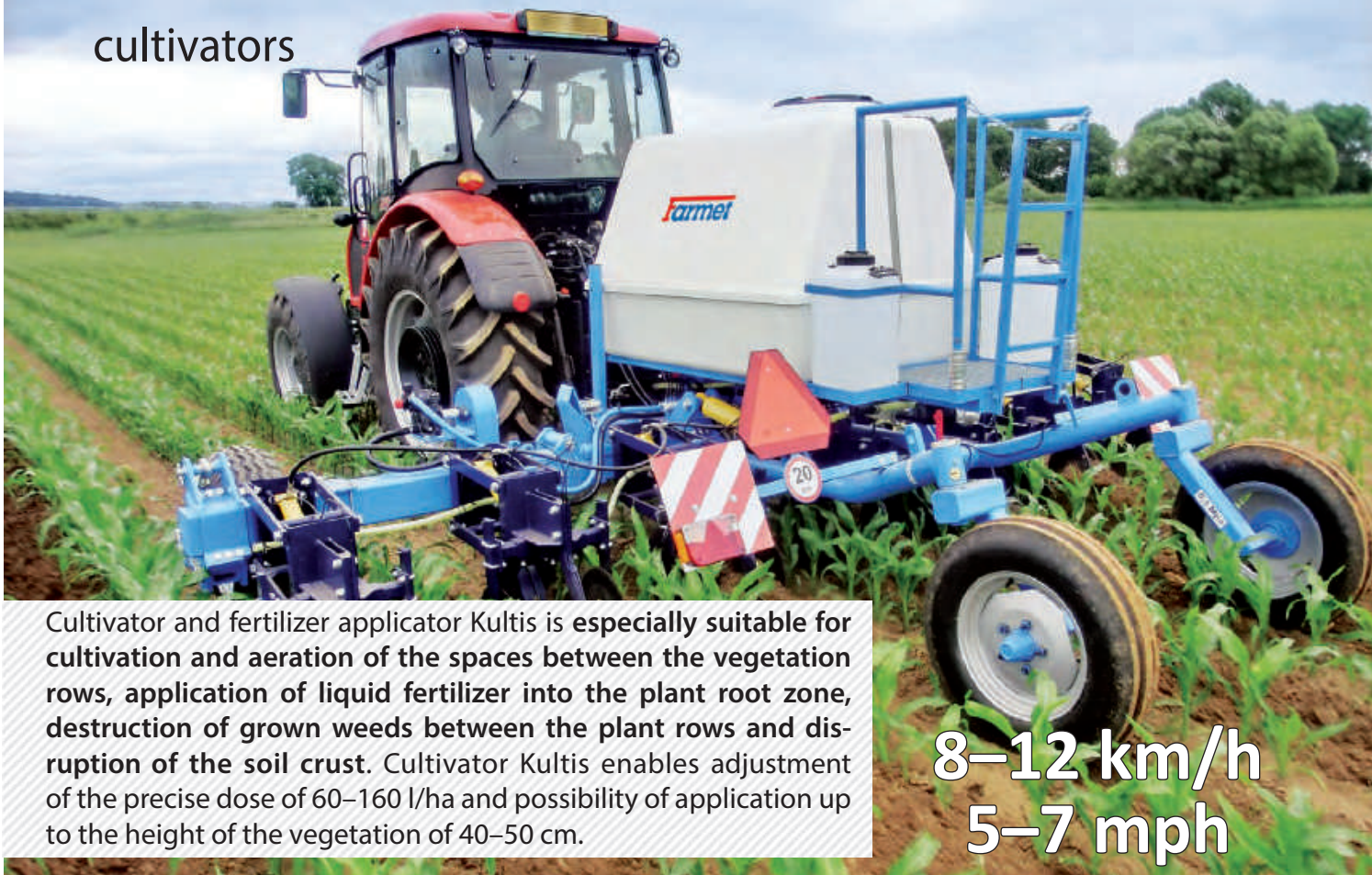
Technical parameters	Units	Cambridge CV 6	Cambridge CV 9
Working width	mm / ft	6000 / 19.7	9000 / 29.5
Transport width	mm / ft	2400 / 7.9	2400 / 7.9
Transport height	mm / ft	1600 / 4.5	1600 / 4.5
Total machine length	mm / ft	4100 / 13.5	6800 / 22.3
Number of segments (smooth/geared)	pcs	58 / 55	88 / 83
Working performance	ha/h (ac/h)	6.0 (15)	9.0 (22)
Towing vehicle	kW / HP	75 / 100	90 / 125
Machine weight	kg / lb.	2700 / 5960	3600 / 7940

More info at www.farmet.eu

eXtra STEEL line
ultra high strength steel technology

KULTIS

cultivators



Cultivator and fertilizer applicator Kultis is especially suitable for cultivation and aeration of the spaces between the vegetation rows, application of liquid fertilizer into the plant root zone, destruction of grown weeds between the plant rows and disruption of the soil crust. Cultivator Kultis enables adjustment of the precise dose of 60–160 l/ha and possibility of application up to the height of the vegetation of 40–50 cm.

8–12 km/h
5–7 mph

Advantages of use of Kultis cultivator

- Using the cultivator with additional fertilization with regard to the supply of soil nutrients allows **decreasing the doses of phosphorus and nitrogen by 30 to 50 %**.
- Kultis cultivator **eliminates grown weeds** between the maize rows.
- Using the cultivator **the soil is cultivated and aerated**.
- The working units of the cultivator **reliably destroy** any potential **soil crust** that some soils are prone to.

Smartly designed machine

- The disk coulters on the sides of the ploughshare prevent plant damage and promote better soil separation and aeration in heavy soils without damaging the maize rows.
- Smooth transition from the inter-row distance of 70 cm to 75 cm.
- Land surface tracing.

Technical parameters	Units	Kultis 6	Kultis 8
Transport width	mm / ft	3000 / 9.8	3000 / 9.8
Number / width of rows	pcs	6	8
Hopper volume	l / cu ft	1350 / 48	1350 / 48
Towing vehicle	kW / HP	55 / 75	75 / 100

More info at www.farmet.eu



arrow shares

1. Ploughshares for soil cultivation and stubble-breaking.



ELEFANT

sewage containers



Sewage container Elefant is designed as an intermediate liquid manure container enabling that **the applicator do not have to wait for a tank**. When properly placed on the land edge, **no compaction of the soil profile by the tank occurs**. Prior to transport from one locality to another, the liquid manure must be emptied from container.

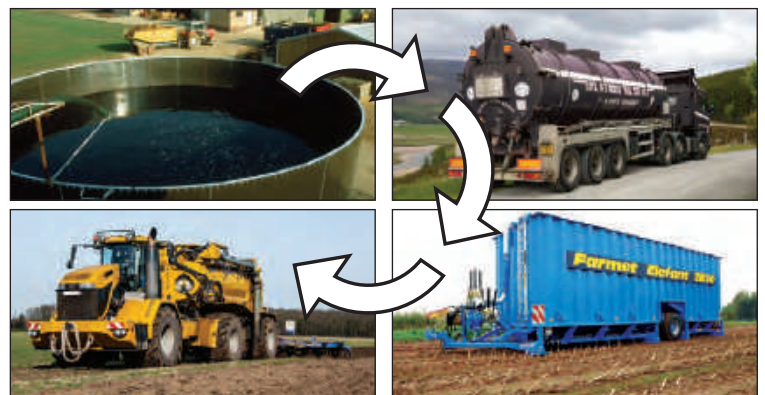
- Mobile container Elefant for liquid organic manure complements the export line and its applications which substantially increases productivity and **simultaneously increases effectiveness of the process as a whole**.
- The filling and draining openings are located on opposite sides of the tank, so both processes can **take place independently**. The location of the filling and draining opening together with the slant bottom ensure **good circulation of liquid manure** and the solid part is not being deposited.



1. Filling, emptying, stirring.
2. Storage.

Technical parameters	Units	Elefant ZK 35	Elefant ZK 50
Width	mm / ft	2500 / 8.2	2550 / 8.4
Height	mm / ft	3200 / 10.5	3350 / 11
Length	mm / ft	9500 / 31.2	10900 / 35.8
Volume	m ³	35	50
Towing vehicle	kW / HP	50-75 / 68-100	50-75 / 68-100
Machine weight	kg / lb	5100 / 11244	7500 / 16535

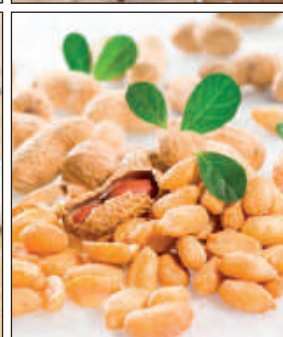
More info at www.farmet.eu



OIL & FEED TECH



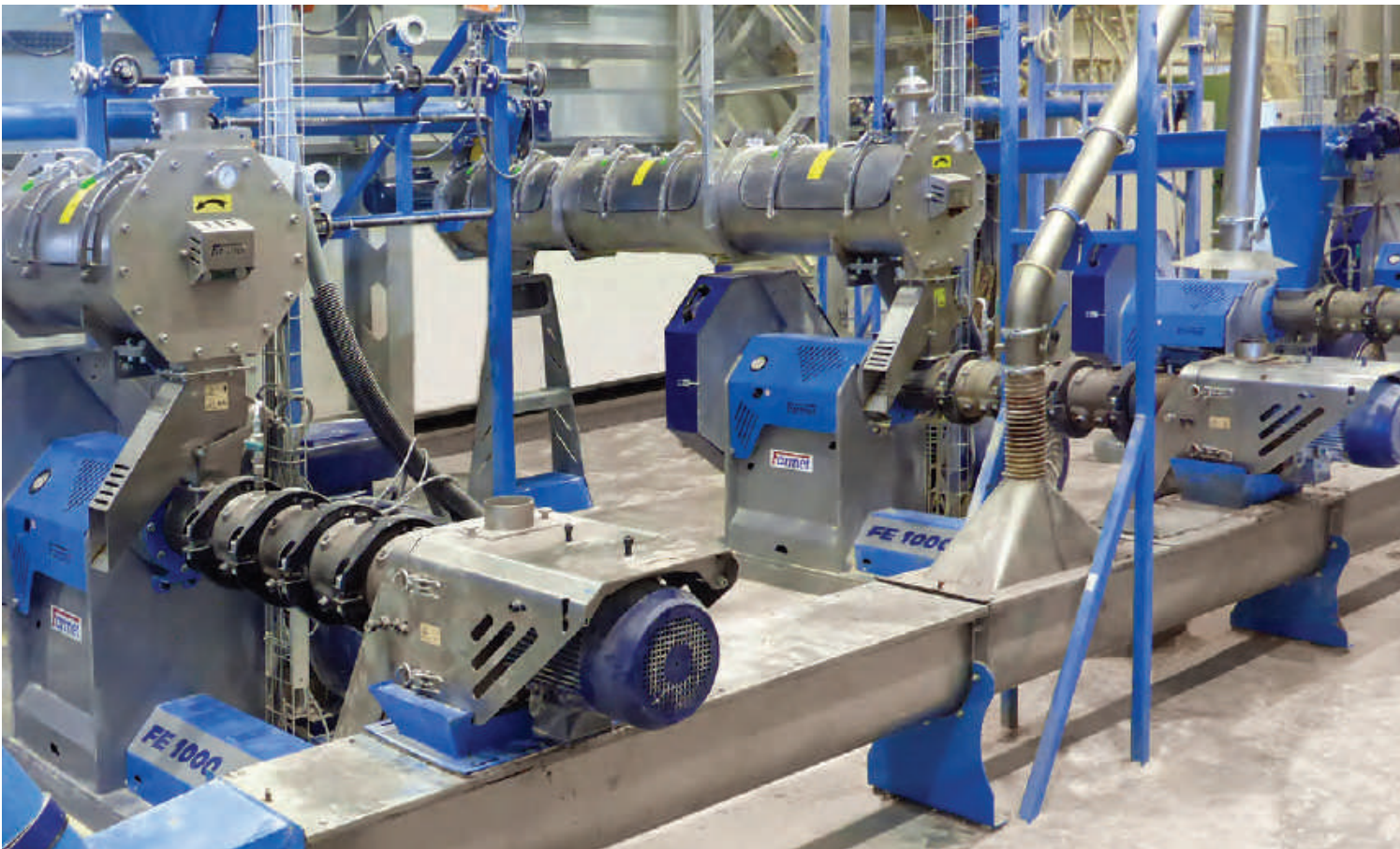
complete pressing technology for extracting vegetable oils
kompletní lisovací technologie pro získávání rostlinných olejů
komplette Presstechnologie für die Gewinnung von Pflanzölen
полная технология прессования для производства растительных масел
комплектна технологія пресування для одержання рослинних олій
komplettna technologia wytłaczania pozwalająca na otrzymanie olejów roślinnych
technologie de pressage complète pour obtenir les huiles végétales
tecnología completa de prensado para obtener aceites vegetales
tehnologie completă de presare pentru obținerea de uleiuri vegetale
комплектна пресоувачна технология за извличане на растителни масла
komplett növényi olaj sajtoló technológiák
presavimo tehnologinē įranga augaliniam aliejui išgauti
kompleksa presėšanas tehnologija augu eļļu iegūšanai
täistehnologia õliseemnete pressimiseks





complete technology for processing vegetable oils
 kompletní technologie pro zpracování rostlinných olejů
 komplette Technologie zur Verarbeitung von Pflanzenölen
 полная технология для переработки растительных масел
 kompletna tehnologija dla pererobki roslinnych olejów
 kompletna tecnologia pozwalająca na przygotowywanie olejów roślinnych
 technologie complète pour traiter les huiles végétales
 tecnología completa de procesamiento de aceites vegetales
 tehnologie completă pentru prelucrarea uleiurilor vegetale
 комплектна технология за преработка на растителни масла
 komplett növényi olaj feldolgozó technológiák
 tehnologinė įranga augalinio aliejaus perdirbimui
 kompleksa tehnoloģija augu eļļu pārstrādei
 täistehnoloogia taimeõli töötlemiseks





extrusion lines for the preparation of fodder
 extruzní linky pro přípravu krmiv
 Extrusionslinien für die Vorbereitung von Futtermitteln
 линии экструзии для производства кормов
 екструзійні лінії для підготовки кормів
 linia ekstruzji do przygotowywania pasz
 lignes d'extrusion pour la production des fourrages
 plantas de extrusión para la preparación de piensos
 linii de extrudare pentru prepararea furajelor
 екструзни линии за приготвяне на фураж
 takarmány előkészítő extrudáló sorok
 ekstrudavimo linijos pašarų ruošimui
 ekstrūzijas linijas lopbarības sagatavošanai
 ekstruuderliinid loomasööda tootmiseks

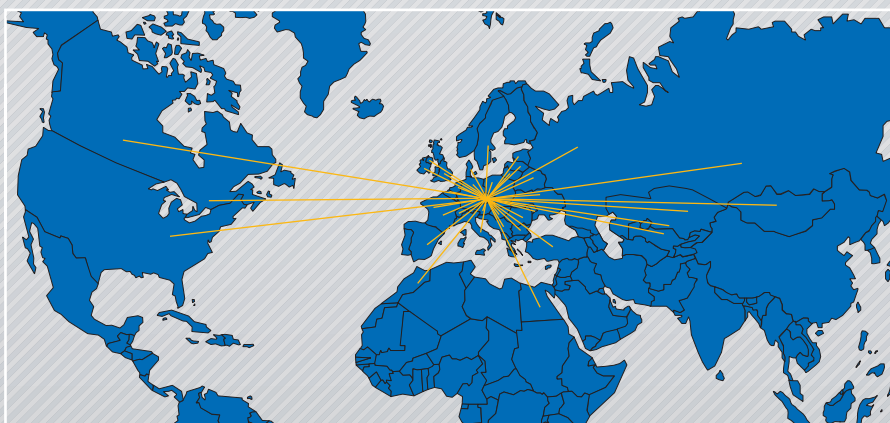




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