

The effective technology and complex services

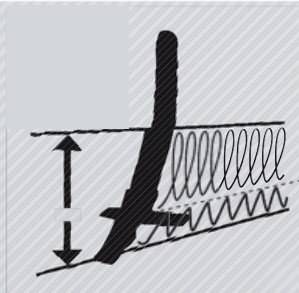
**Farmet**

# DIGGER

deep cultivators



8–12 km/h  
5–7 mph



250–500 mm

**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 revitalises headlands after harvest. It is also used for loosening of subsoil layer without risk of mixing with the biologically inactive soil.

**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 workA

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 discs 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.

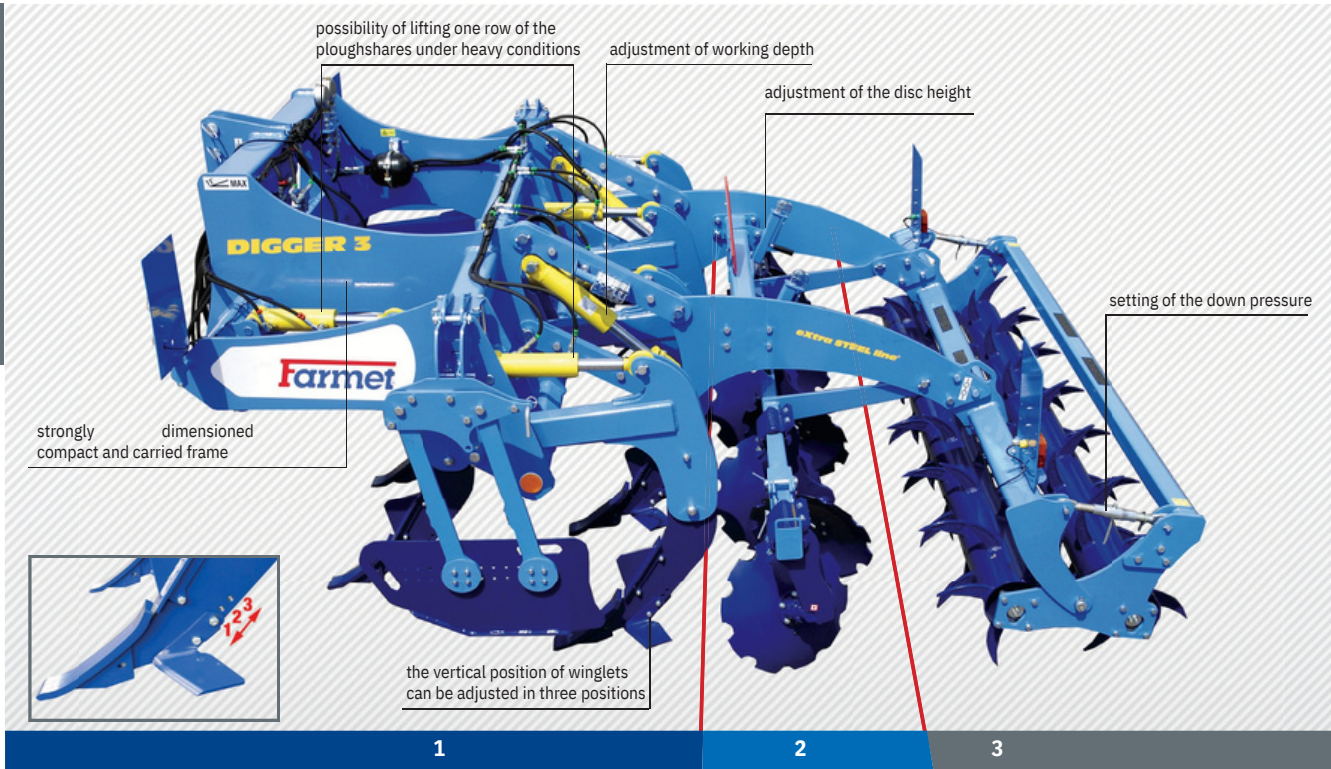
The ploughshares are hydraulically protected by a release force at the tip of 1100 kg or you can choose the variant with mechanical protection.



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 discs for striking down flying clods and partial cutting of clods on the surface.

3. The rear double spiked roller for crumbling of clods.

Technical parameters	Units	NEW		NEW		NEW		NEW	
		DIGGER 3 N / DIGGER 3 N Fert+	DIGGER 4 N / DIGGER 4 N Fert+	DIGGER 3 N Fert+ Compact	DIGGER 4 N Fert+ Compact	DIGGER 3 N-P Fert+ Compact	DIGGER 4 N-P Fert+ Compact	DIGGER 3 P FW	DIGGER 4 P FW
Working width	mm / ft	2900 / 9,5	3900 / 12,8	2900 / 9,5	3900 / 12,8	2990 / 9,8	2990 / 9,8	2900 / 9,5	3900 / 12,8
Transport width	mm / ft	2990 / 9,8	3990 / 13,1	2990 / 9,8	3990 / 13,1	2990 / 9,8	3990 / 13,1	2990 / 9,8	3990 / 13,1
Transport height	mm / ft	1790 / 5,9	1790 / 5,9	3500 / 11,4	3500 / 11,4	3500 / 11,4	3500 / 11,4	2790 / 9,2	2790 / 9,2
Total machine length	mm / ft	4000 / 13	4000 / 13	4125 / 13,5	4125 / 13,5	7720 / 25,3	7720 / 25,3	10980 / 36	10980 / 36
Working depth	mm / in	250–500/10–20	250–500/10–20	250–500/10–20	250–500/10–20	250–500/10–20	250–500/10–20	250–500/10–20	250–500/10–20
Number of ploughshares	pcs	7	9	7	9	7	9	7	9
Working performance	ha/h	2,4–3,6	3,1–4,7	2,4–3,6	3,1–4,7	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	6–9	7,7–11,4	6–9	7,7–11,4
Towing vehicle	KW	180–270	240–360	180–270	290–435	220–330	265–400	220–330	265–400
	HP	240–360	330–450	240–360	400–540	300–450	360–540	300–450	360–540
Machine weight	kg	2800 / 2860	3700 / 3760	3460	4600	6900–7500	7900–8700	5150–5750	5850–6650
	lb.	6180 / 6310	8160 / 8290	7630	10140	15210–16540	17420–19190	11360–12680	12900–14670

More info at [www.farmet.eu](http://www.farmet.eu)

## DIGGER 75 MULTICARBIDE PRO

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



### DIGGER FERT+ COMPACT

up to 2000 l



### DIGGER FERT+ & MONSUN MF

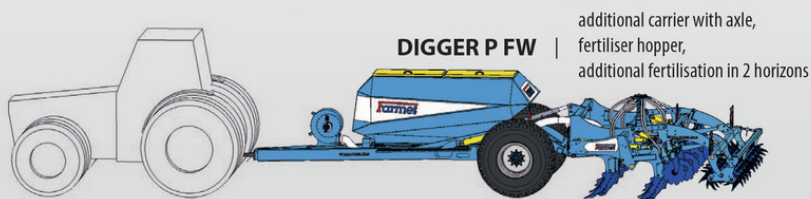
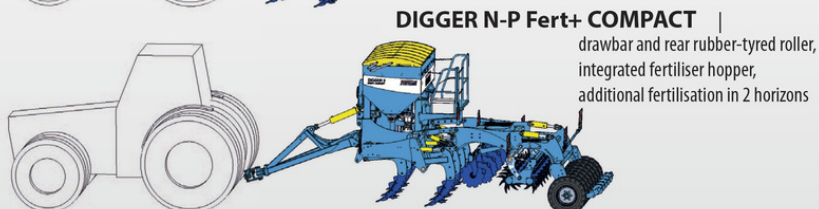
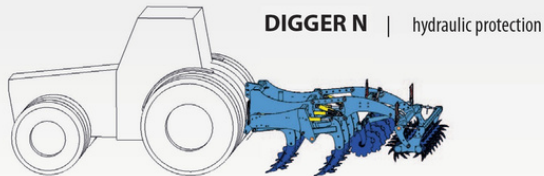
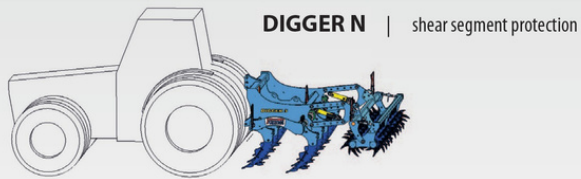
MONSUN MF  
up to 1700 l



Application of fertiliser at two levels.



# DIGGER BASIC VERSION



**Serafin**  
MACHINERY

243 Burley Griffin Way  
Yoogali, NSW 2680

P: 1300 737 586



[www.serafinmachinery.com.au](http://www.serafinmachinery.com.au)

All technical data is for information purposes only. Producer reserves the right of changes.

Edition: 07/2020



The effective technology and complex services

**Farmet**

**KRTEK**

deep cultivators



**8–12 km/h**  
**5–7 mph**



**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.

**eXtra STEEL line**  
ultra high strength steel technology



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.



1

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

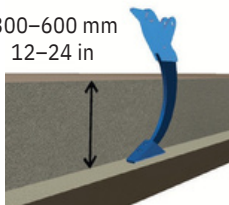


Technical parameters	Units	KRTEK DG 3	KRTEK DG 5	KRTEK DG 7
Working width	mm / ft	2690 / 8.8	2990 / 9.8	4400 / 14.4
Transport width	mm / ft	2700 / 8.8	3000 / 9.8	4450 / 14.6
Transport height	mm / ft	1980 / 6.5	1980 / 6.5	1980 / 6.5
Total machine length	mm / ft	1330 / 4.4	1380 / 4.5	1380 / 4.5
Working 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)
performance	KW / HP	110-165 / 150-225	180-270 / 245-360	250-380 / 335-510
Towing vehicle	kg / lb.	880 / 1940	1170 / 2579	1750 / 3859

More information on [www.farmet.eu](http://www.farmet.eu)



300-600 mm  
12-24 in



**Serafin**  
MACHINERY

243 Burley Gri n Way  
Yoogali, NSW 2680

P: 1300 737 586



[www.serafinmachinery.com.au](http://www.serafinmachinery.com.au)

All technical data is for information purposes only. Producer reserves the right of changes.

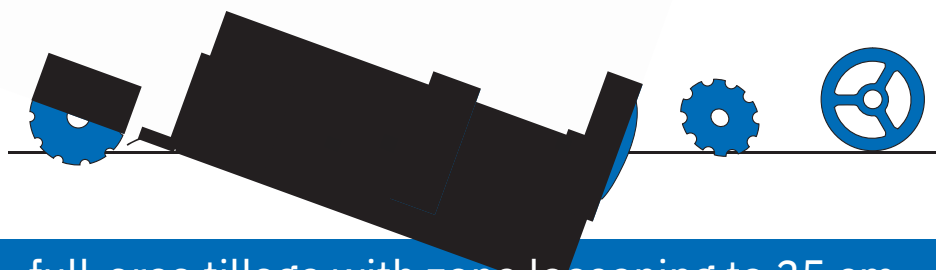
Edition: 07/2020



# TRITON



VERY LOW  
HORSEPOWER REQUIREMENT



full-area tillage with zone loosening to 35 cm





# TRITON

the main advantages of the machine



0-120 mm ↑

*possibility to work without front discs (can be lifted)*



*possibility to work without rear rollers (axle stops by clips as standard)*



*shorter drawbar - better turning*



*larger transport wheels*





discs  $\varnothing$  510 mm /  $\varnothing$  560 mm



each disc mounted on an individual arm  
- better protection and excellent old levelling



large double rollers  $\varnothing$  680 mm (DVR, DRR)



**30-350 mm**

the working depth from 30 mm,  
the possibility of using the wings  
for full-area undercutting



the extended hydraulic cylinders, the option for turning on rollers



# COMPARISON OF TECHNICAL PARAMETERS

	Working width (m)	Front discs Ø (mm) / disc thickness (mm)	Working depth of discs (cm)	Number of discs	Discs spacing (mm)	Number of chisels	Chisels spacing (mm)	Working depth of chisels (cm)	Frame clearance (cm)
<b>FARMET Triton PS</b>									
Triton 450 PS	4,	510/560/	0–	38	240	1	42	3–	8
Triton 600 PS	5	6	12	50	240	1	0	35	8
6	510/560/	0–	<b>HORSCH Terrano MT</b>		1	42	3–	8	
Terrano 4	4,	6 520/	0–	36	250	5	40	30	8
MT Terrano	4	6	12	48	250	1	0	do 30	5
6 MT	6	520/	0–	<b>HORSCH Tiger MT</b>		1	40	8	
Tiger 4	4	680/	do 15	20	400	5	47	5–	8
MT Tiger	6	6	do 15	28	420	1	0	35	5
6 MT	680/	<b>AMAZONE CEUS - 2TX</b>			3	48	5–	8	
Ceus	4	610/	5–	32	250	1	40	35	8
4000	5	5	14	40	250	0	0	30	0
Ceus	6	510/	5–	48	250	1	40	5–	8
5000	5	14	2	0	30	0			
Ceus	510/	5–	1	40	5–	8			
6000	5	14	5	0	30	0			

