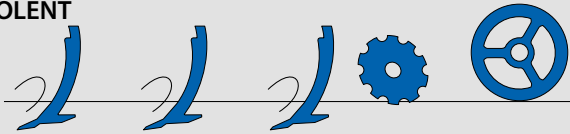


TRIOLENT ***DUOLENT***

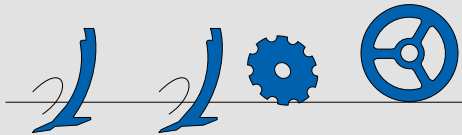
chisel cultivators



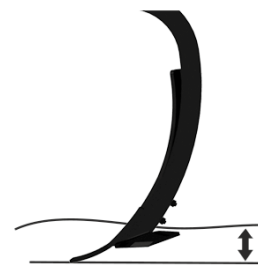
TRIOLENT



DUOLENT

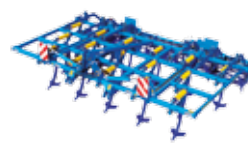


Chisel cultivators Trioilent / Duolent are especially suitable for full-area stubble-breaking with intensive mixing effect. The soil is processed **up to the depth of 35 cm** and thus can replace ploughing. Excellently incorporates plant residues into the soil.



60–350 mm (2,4–13,8 in)

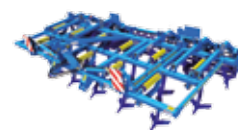
8–12 km/h
5–7 mph



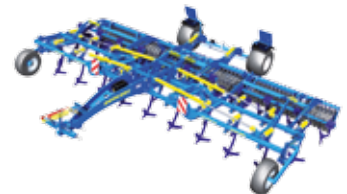
Trioilent NS



Trioilent 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.**

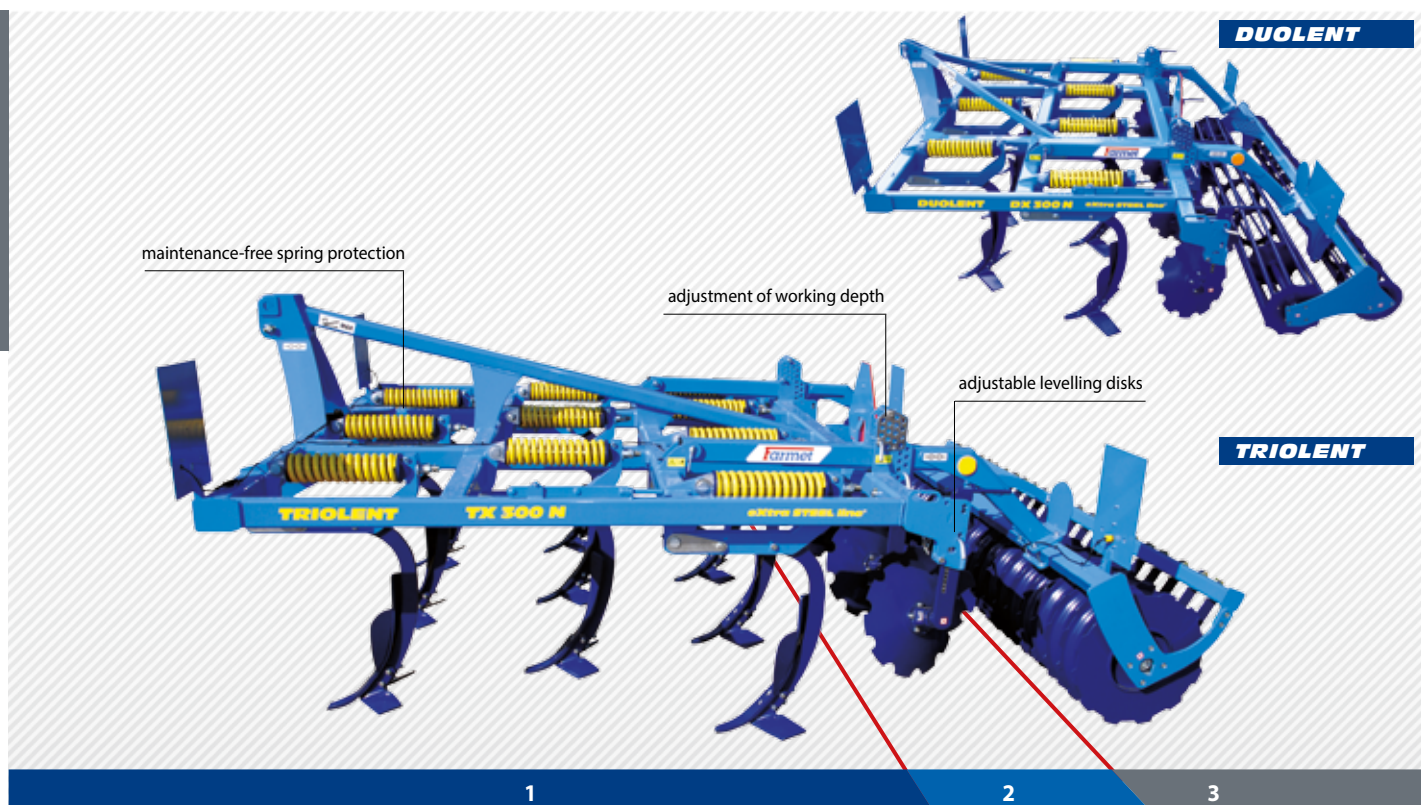
Robust design

- **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 400 N FIX	Triolent TX 470 NS
Working width	mm / ft	3000 / 9.8	3500 / 11.5	3800 / 12.5	4000 / 13.1	4700 / 15.4
Transport width	mm / ft	3000 / 9.8	3500 / 11.5	2300 / 7.6	4000 / 13.1	3000 / 9.8
Transport height	mm / ft	1400 / 4.6	1400 / 4.6	2500 / 8.2	1400 / 4.6	2500 / 8.2
Total machine length	mm / ft	4060 / 13.3	4060 / 13.3	4050 / 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	60–350 / 2.4–13.8
Number of ploughshares	pcs	10	13	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)	3.2–4.8 (7.9–11.9)	3.7–5.6 (9–13.9)
Towing vehicle	kW / HP	110–165 / 150–225	120–175 / 160–240	125–190 / 170–255	125–190 / 170–255	150–220 / 200–300
Machine weight	kg / lb.	1680 / 3704	1920 / 4233	2655 / 5853	2700 / 5950	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

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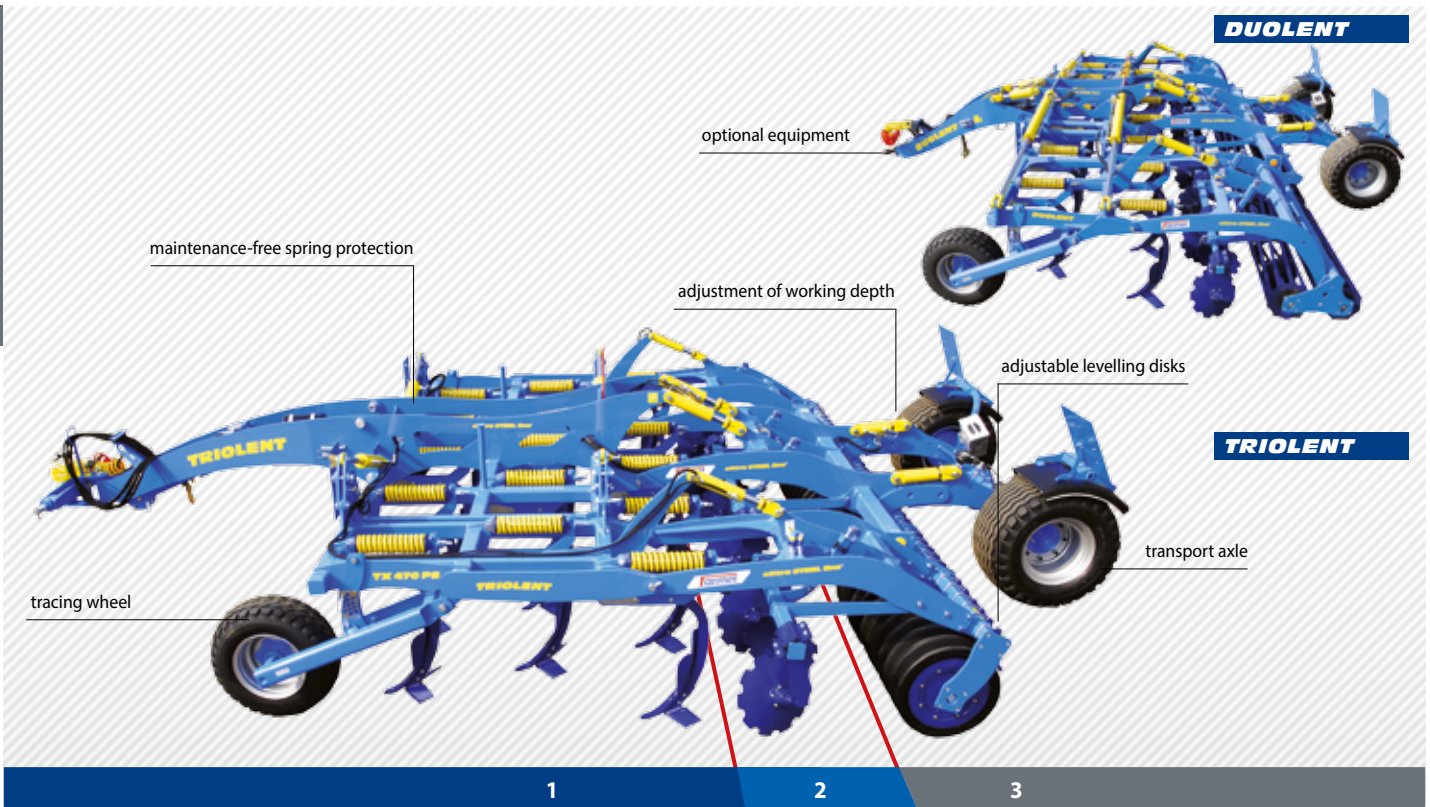
Robust design

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- 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.

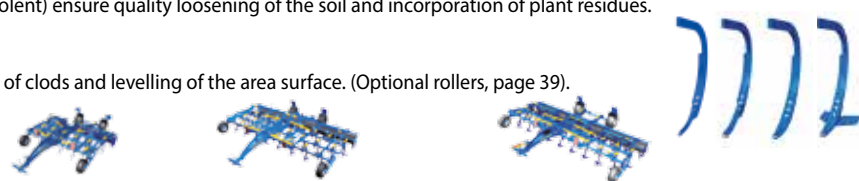


TRIOLENT





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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).



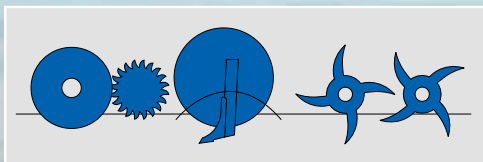
Technical parameters	Units	Triolent TX 300 P	Triolent TX 400 P FIX	Triolent TX 470 PS	Triolent TX 600 PS	Triolent TX 800 PS	Duolent DX 460 PS	Duolent DX 600 PS	Duolent DX 800 PS
Working width	mm / ft	3000 / 9.8	4000 / 13.1	4700 / 15.4	6200 / 20.3	7900 / 26	4600 / 15	6200 / 20.3	7900 / 26
Transport width	mm / ft	3000 / 9.8	4000 / 13.1	3000 / 9.8	3000 / 9.8	3000 / 9.8	3000 / 9.8	3000 / 9.8	3000 / 9.8
Transport height	mm / ft	1400 / 4.6	1400 / 4.6	2800 / 9.2	3300 / 10.8	4000 / 13	2800 / 9.2	3300 / 10.8	4000 / 13
Total machine length	mm / ft	7495 / 24.6	7495 / 24.6	7495 / 24.6	7495 / 24.6	7495 / 24.6	6800 / 22.3	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	60–300 / 2.4–11.8	60–300 / 2.4–11.8	60–300 / 2.4–11.8
Number of ploughshares	ks	10	14	16	19	25	11	15	19
Working performance	ha/h (ac/h)	2.4–3.6 (6–8.9)	3.2–4.8 (7.9–11.9)	3.7–5.6 (9.2–13.8)	4.8–7.2 (11.8–17.8)	6.4–9.6 (15.8–23.7)	3.7–5.5 (9.2–13.5)	4.8–7.2 (11.8–17.8)	6.4–9.6 (15.8–23.7)
Towing vehicle	kW / HP	110–165 / 150–225	125–180 / 170–245	150–220 / 200–300	245–370 / 330–500	295–440 / 400–600	150–225 / 200–305	220–330 / 300–450	265–400 / 360–540
Machine weight	kg / lb.	3280 / 7235	4310 / 9505	4620 / 10185	6750 / 14881	7550 / 16645	4080 / 9000	6050 / 13338	6795 / 14980

More info at www.farmet.eu



STRIP-TILL

track cultivators



DEEP SOIL PROCESSING

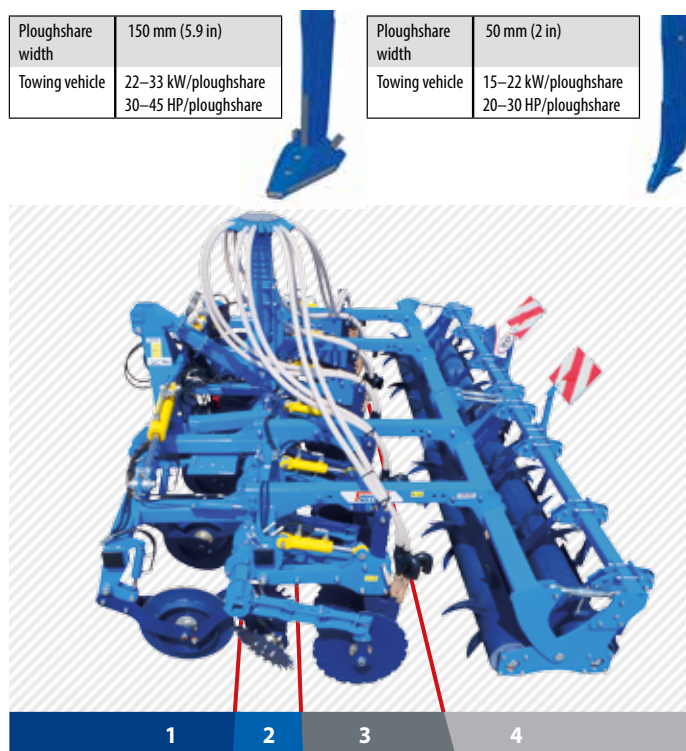
8–12 km/h

eXtra STEEL line
ultra high strength steel technology

The Strip-Till track cultivator is suitable for soil tillage where soil is processed in strips with the spacing of 70 or 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



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.



Technical parameters	Units	Strip-Till 4	Strip-Till 6	Strip-Till 8	Strip-Till 12 FIX
Working width	mm / ft	3000 (2800) / 9.8 (9.2)	4500 (4200) / 14.8 (13.8)	6000 (5600) / 19.7 (18.4)	6000 (5400) / 19.7 (17.7)
Transport width	mm / ft	3000 (2800) / 9.8 (9.2)	3000 (2800) / 9.8 (9.2)	3000 (2800) / 9.8 (9.2)	6000 (5400) / 19.7 (17.7)
Transport height	mm / ft	2500 / 8.2	2600 / 8.5	3350 / 11	2500 / 8.2
Total machine length	mm / ft	3000 / 9.8	3050 / 10	3050 / 10	3050 / 10
Working depth	mm / in	200–350 / 8–13.8	200–350 / 8–13.8	200–350 / 8–13.8	200–350 / 8–13.8
Number of ploughshares	pcs	4	6	8	12
Ploughshare spacing	mm / in	750 (700) / 29.5 (27.5)	750 (700) / 29.5 (27.5)	750 (700) / 29.5 (27.5)	500 (450) / 19.7 (17.7)
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	4.8–7.2 / 11.9–17.8
Machine weight	kg / lb.	1650 / 3638	2900 / 6395	3700 / 8160	4460 / 9835

More info at www.farmet.eu



STRENGTHENED CARBIDE PLOUGHSHARES

CARBIDE

NEW

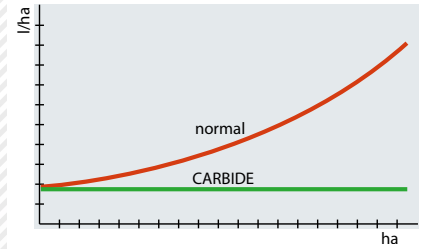
75 MULTICARBIDE ULTRA

Extra Long Life

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

Up to 5 times longer service life

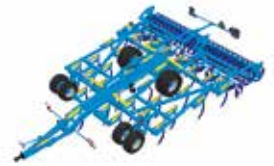
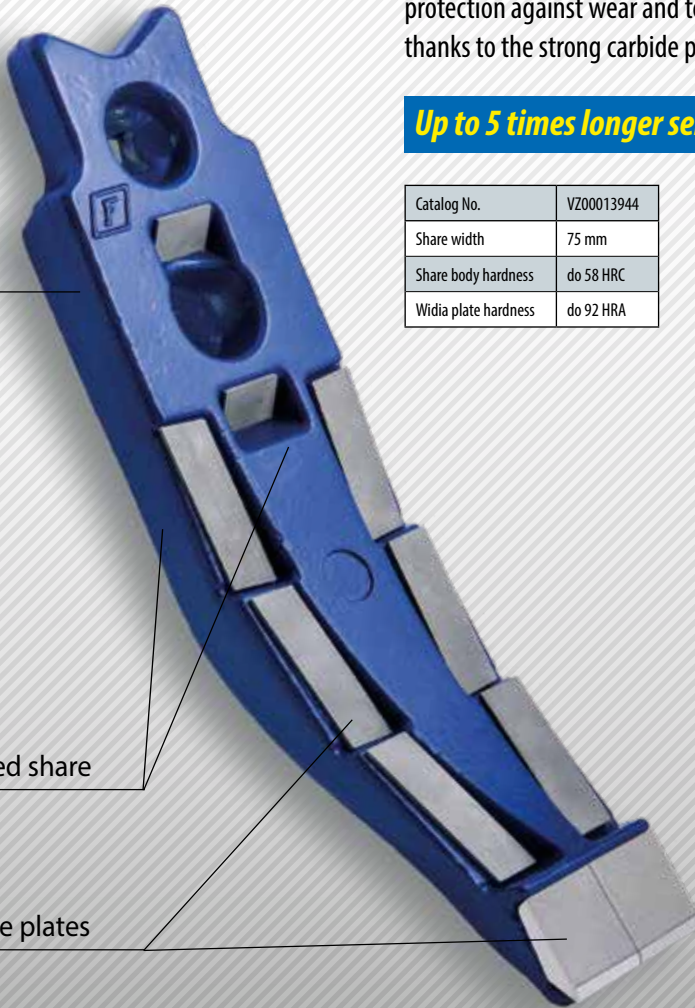
Catalog No.	VZ00013944
Share width	75 mm
Share body hardness	do 58 HRC
Widia plate hardness	do 92 HRA



Reinforced share body

massive forged share

strong carbide plates



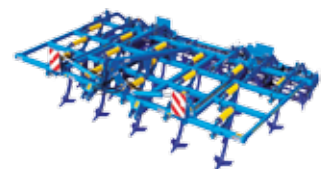
TERRIX QUATRO



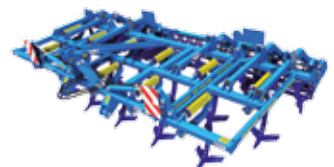
TERRIX DUAL



TRITON



TRIOLENT



DUOLENT



Possibility to combine various shares in a single machine.

CARBIDE



+ 100–200 %



- 15 %

MULTICARBIDE



+ 150–400 %



- 15 %

MULTICARBIDE PRO

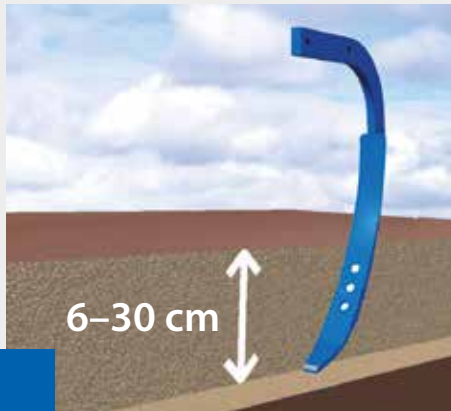


+ 200–500 %



- 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

6–30 cm

Standard

eXtra STEEL line
with high strength steel technology

75 CARBIDE



Long Life

Massive forged share

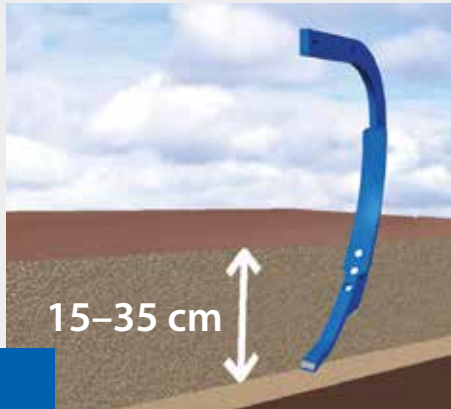
75 MULTICARBIDE

Catalog No.	VZ00013778
Share width	75 mm
Share body hardness	up to 58 HRC
Widia plate hardness	up to 92 HRA

6–30 cm



Effective working depth 15–35 cm



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

15–35 cm

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

40 MULTICARBIDE



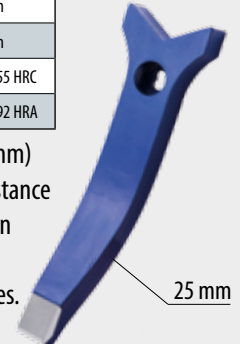
Catalog No.	VZ00023020
Share width	40 mm
Share thickness	25 mm
Share body hardness	up to 55 HRC
Widia plate hardness	up to 92 HRA

6–30 cm

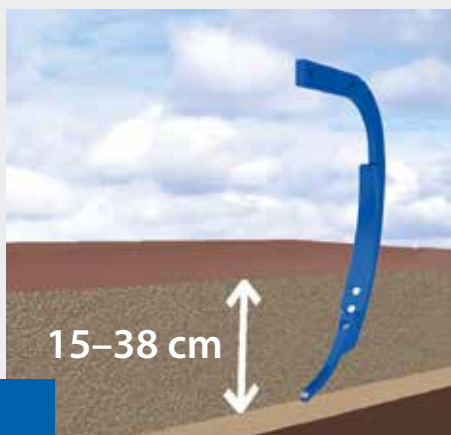
narrowed shares (40 mm) to reduce tractive resistance and efficient protection against wear and tear thanks to carbide plates.

eXtra STEEL line
with high strength steel technology

40 CARBIDE



Effective working depth 15–38 cm



20 MULTICARBIDE 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

20 MULTICARBIDE

15–38 cm

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

