



2023



PROFESSIONALISM IN EVERY FIELD



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KOS PREMIUM / PREMIUM LONG

CULTIVATOR
FOR SIMPLIFIED TILLAGE

Efficient work at over 30 cm – double-beam, intended for lower horsepower tractors that are unable to work efficiently with three-beam units.

High machine weight for effective work in all conditions – even in extremely dry conditions. The structure is based on a 120x120 profile and the wall thickness is 8 mm.

KOS PREMIUM LONG	3	4
Weight without roller [kg]	3,000	3,640
Power demand [HP]	140÷170	180÷220
Number of tines [pcs]	8	12
Underbeam clearance [cm]	85	85
Tines spacing [cm]	37	37

KOS PREMIUM	3	3.5	4
Weight with ø 600-millimetre pipe roller [kg]	1,880	2,190	2,500
Power demand [HP]	120÷150	140÷170	160÷190
Number of tines [pcs]	8	10	12
Number of discs (harrow A) [pcs]	9	10	13
Number of discs (harrow B) [pcs]	16	20	24
Tine spacing [cm]	37	37	37
Underbeam clearance [cm]	85	85	85

Optimum flow of soil and crop residues – the high positioned frame and the appropriate spacing between the tines ensure the correct flow of tilled soil.

CX tines – equipped with 70 mm wide chisels and mixing mouldboard, directed in two directions. The outer tines are fitted with special mouldboards that keep the soil within the working area of the machine. Narrow double-sided chisels with a width of 40 mm can be fitted. Their job is to loosen the soil without turning it over.

Optional DURUM chisels with 8-fold increased strength – reinforced with tungsten carbide inserts, ensure that the working depth is maintained uniform throughout the service life.

Two disc harrows – disc harrow A – one row of elliptical ø 460 mm discs with deep indentations. They are mounted on maintenance-free hubs and protected by rubber triangular shock absorbers. Harrow B – two rows of discs that mix and evenly distribute crop residues. More discs provide better surface levelling. In the case of cultivation on compact soils, these discs additionally crush the clods extracted by the tines.

Extensive roller configurator: pipe roller, U-roller, spiral roller, and sheet metal roller. To improve operator's comfort, the machine is equipped as standard with hydraulic working depth adjustment.

LONG version – semi-mounted, equipped with transport chassis with 340/55-16 wheels mounted in front of the roller. Allows work with tractors with smaller lifting capacities. Like the mounted version, the KOS PREMIUM LONG can be fitted with a double disc harrow.



CROSS S / H

CULTIVATOR FOR
SIMPLIFIED TILLAGE

Versatility – hydraulically foldable unit for use in all conditions. It has three beams 75 cm apart and the tine spacing is 30 cm.

Good flow of organic matter between the working elements – thanks to the spacing between the disc rows and the high positioned frame.

High machine weight for effective work in all conditions – even in extremely dry conditions. The structure is based on a 100x100 (CROSS S) or 120x120 (CROSS H) profile and the wall thickness is 8 mm.

Effective spring protection – releases the tine upwards when the force at the end of the chisel is 550 kilograms.

CX tines – equipped with 70 mm wide chisels and mixing mouldboard, directed in two directions. The outer tines are fitted with special mouldboards that keep the soil within the working area of the machine. Narrow double-sided chisels with a width of 40 mm can be fitted. Their job is to loosen the soil without turning it over.

Optional DURUM chisels with 8-fold increased strength – reinforced with tungsten carbide inserts, ensure that the working depth is maintained uniform throughout the service life.

Levelling harrow – fitted with AGRESSIVE ø 460 mm discs mounted on maintenance-free exchangeable hubs. They are positioned offset so that they do not get blocked by soil and crop residues. The outer discs are foldable and have adjustable depth.

Four types of rollers: pipe roller, U-roller, spiral roller, and sheet metal roller. To improve operator's comfort, the machine is equipped as standard with hydraulic working depth adjustment.

CROSS S	3	3.5	4	DRIVE 3	DRIVE 3.5	DRIVE 4	H 4	H 4.5	H 5
Weight with ø 600-millimetre pipe roller [kg]	2,260	2,460	2,620	2,760	3,080	3,240	3,550 kg	3,850 kg	4,300
Power demand [HP]	150÷180	160÷190	170÷200	140÷170	150÷180	170÷200	>250 HP	>300 HP	> 400 HP
Number of tines [pcs]	10	12	13	10	12	13	13	15	17
Tine spacing in the machine [mm]	300	290	300	300	290	300	305	305	305
Underbeam clearance [cm]	85	85	85	85	85	85	80.5	80.5	80.5
Beam spacing [cm]	75	75	75	75	75	75	80	80	80
Machine length [cm]	397	397	397	430	430	430	427	427	427



CROSS HP

CULTIVATOR FOR SIMPLIFIED TILLAGE

For the toughest conditions – universal, with working widths of 4, 5, or 6 metres. The tines are arranged on 4 beams to ensure adequate mixing of the soil.

Extensive roller configurator: pipe roller, U-roller, spiral roller, or double U-roller and double spiral roller.

CX tines – equipped with 70 mm wide chisels and mixing mouldboard, directed in two directions. The outer tines are fitted with special mouldboards that keep the soil within the working area of the machine. Narrow double-sided chisels with a width of 40 mm can be fitted. Their job is to loosen the soil without turning it over.

Optional DURUM chisels with 8-fold increased strength – reinforced with tungsten carbide inserts, ensure that the working depth is maintained uniform throughout the service life.

Traction improvement system – thanks to a hydraulic cylinder mounted on weights on the drawbar. This helps to reduce tractor slippage in difficult conditions.

Reduced soil compaction even in wet conditions – thanks to large 500/45-22.5 wheels.

Hydraulic working depth adjustment as standard – adjustable by means of clips, allows the desired working depth to be set precisely.

Levelling harrow – fitted with AGRESSIVE \varnothing 460 mm discs mounted on maintenance-free exchangeable hubs. The outer discs are foldable and have adjustable depth.

Good flow of organic matter between the working elements – thanks to the high positioned frame and the distance between the cultivation tines.

High machine weight for effective work in all conditions – even in extremely dry conditions. The structure is based on a 120x120 profile and the wall thickness is 8 mm.

CROSS HP	4	5	6
Weight with \varnothing 600-millimetre pipe roller [kg]	6,300	6,950	7,270
Power demand [HP]	180÷240	240÷280	280÷320
Number of tines [pcs]	13	17	19
Tine spacing in the machine [mm]	300	290	305
Underbeam clearance [cm]	85	85	85
Beam spacing [cm]	75	75	75
Machine length [cm]	760	760	760



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60

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700

ITEMS
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11.5 ha

OF
PRODUCTION
AREA

1,200

EMPLOYEES

Contact:

Paweł Netczuk

Export Sales Director

Mobile: **+48 696 429 084**

E-Mail: pawel.netczuk@uniamachines.com

Jerzy Wójcik

Export Sales Coordinator

Mobile: **+48 661 517 915**

E-Mail: jerzy.wojcik@uniamachines.com

Mateusz Borowski

Export Area Sales Manager

Mobile: **+48 603 565 960**

E-Mail: mateusz.borowski@uniamachines.com

UNIA Sp. z o.o.

Szosa Toruńska 32/38, 86-300 Grudziądz

Phone: +48 56 45 10 500

VAT PL: 8761008692

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