

Skimming cultivator - U 453

The U-453 skimming cultivator is designed for the cultivation and preparing the field after plowing on all soil types. It is used for loosening soil and stubble breaking, perfectly cuts and mixes crop residues. It can till any type of soil, particularly moderately compacted, compacted and stony soils.

The U453 skimming cultivator is mounted onto tractor 3-point hitch system. In two rows, there are rigid lines fixed to the cultivator's frame, which cut and mixes the crop residue. The baffle plate coulters and the string roller allow crushing and leveling the soil layers. The working element may be secured with bolt or spring safeguard. Customer can choose among the different tillage rollers: string roller with flat bars, string roller with cogged bars, Packer cogged roller, tubular-ring roller, ring roller, spring roller, rubber roller, spiral roller. Similarly with the working element: normally the manufacturer uses Vogel & Noot line type, optionally the machine can be equipped with Lemken tine.

Aftercrop seeder is an extra device, mounted on the cultivator frame upon customer's request.

The main frame, made of thick-walled profiles, makes the construction strong enough to meet the requirements, even in the hardest conditions. Small length, compact design and large space between rows ensure easy operation without congestions as well as high efficiency.

Cultivator is normally equipped with a hook beam, the system greatly simplifies hitching action even on a rough maneuver square.



The basic cultivator is equipped with a 750mm beam, Grubber Plus version is build on a beam of 835mm

Guarantee of a successful skimming

Technical parameters				
Working width (m)	2,1	2,6	3,0	3,9
Power requirement (hp)	75	90	105	135
Tines number	5	6	7	9
Weight* (securing bolt, kg)	755	920	1100	1440
Weight* (spring protection, kg)	930	1130	1345	1755
Spacing between tines (mm)	425			
Number of disc coulters	6	7	8	10
Diameter of disc coulters (mm)	420			
Diameter of string roller (mm)	460/500			
Working speed (km/h)	10-15			

*) weight of the standard-equipped machine.



Technical data	Grubber Plus	
WORKING WIDTH	PROTEC - TION	WEIGHT* (kg)
3,0 m	Bolt	1200
3,0 m	Spring	1445
3,9 m	Bolt	1570
3,9 m	Spring	1885

*) weight of the standard-equipped machine.