Cutting Rollers

DUOCUT



- Rolling down and cutting intercrops.
- Cutting of crop residues after the harvest of crops such as sunflower, rapeseed, or maize.
- Thanks to two rows of cutting rollers combined with harrow tines, the soil surface is intensively disturbed, creating ideal conditions for the germination of weed seeds and volunteer crops.
- At the same time, the plant residues are evenly distributed, and the loosened soil surface reduces water evaporation.
- The knife rollers are equipped with diagonally positioned blades to reduce vibrations. The blades on the front and rear rollers are angled in opposite directions, resulting in a cross-cutting effect.
- The tine harrows between the rollers align the stalks in a longitudinal direction, thereby improving the cutting performance of the rear knife rollers.
- The high working speed ensures strong dynamics and effective disruption of plant residues, leading to significantly improved subsequent microbial decomposition. The working speed ranges from 10 to 20 km/h.
- This method of post-harvest soil treatment is a beneficial alternative to conventional stubble cultivation.
- Low pulling resistance combined with high working speed guarantees high daily efficiency at low expenses.
- The machine is developed on the reliable frame base of Kompaktomat machines, which have been proven in over 30 years of operation under diverse conditions.

Basic technical parameters:

Technical parameters	Units	DuoCut 300 P	DuoCut 400 PS	DuoCut 450 PS	DuoCut 500 PS	DuoCut 600 PS	DuoCut 700 PS	DuoCut 800 PS	DuoCut 1000 PS	DuoCut 1250 MAX	DuoCut 1570 MAX
Working width	mm	3000	4000	4500	5000	6000	7000	8000	9850	12500	15700
Transport width	mm	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000
Transport height	mm	1650	2670	3030	2790	3230	3830	4000	4000	3500	3500
Total machine length	mm	5965	5965	5965	6105	6105	6105	6105	6660	9550	9550
Working performance	ha/h	2,7–5,4	3,6–7,2	4,1–8,2	4,5–9,0	5,4–10,8	6,3–12,6	7,2–14,4	8,9–17,8	11,3–22,6	14,1–28,2
Towing vehicle from	kW / HP	70 / 95	90 / 125	110 / 150	120 / 165	130 / 180	150 / 205	160 / 220	180 / 245	243 / 330	316 / 430
Machine weight	kg	2360	3010	3340	4025	4360	4960	5345	6920	10500	12500

Technical changes reserved

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