

Tilling and sowing sets - toothed



Cultivating units with seeding function are designed for simultaneous cultivation soil and seeds. These units can be used for preseed soil cultivation after seed or pre-winter ploughing. It is also possible to use this cultivating unit to preparing the soil in reduced technologies of seedbed cultivations.

Cultivating units with seeding functions are equipped with universal main frame. On that frame, there are attached **2 or 3-rows** cultivator and roller that compacts soil. Cultivator is equipped with tines with changeable reversible cultivator point. Behind these elements, there are mounted tubular roller or packer roller that compacts scarified soil. Cultivators position is fixed, and working depth is adjusted by supporting wheels and rear roller position.

Cultivating units are equipped with hydraulic coupling for the seeder with II and III cat. linkage system.

As a non standard equipment of cultivating unit, it is provided to use front mounted implement that is attached to the front 3-point coupling system of tractor. The front implement base is a ballast box with two double wheels. Leveling harrow or 2-row cultivator are mounted to the ballast box.

Technical data and parameters fulfils European standards in the range of usage and service safety and ergonomics. High efficiency is a result of applying the newest computer-aided design methods. Optimal lifetime and strength has been reached thanks to a design parametric modeling with 3D system and versatile design analysis MES systems.

Indisputable advantages of cultivating units are time and fuel economy with simultaneous soil protection thanks to reducing the number of tractor coupled with cultivating unit field drive passes. Front mounted implement that is optionally used (non standard equipment) in the cultivating unit improves tractor working stability during work and transport. Work with attached front implement is more efficient because of ability to work with higher working speed when the field ahead tractor is leveled.

Technical specification

Machine symbol	-	U815/2	U815/1	U815	U815/3
Working width	m	2,5	2,7	3,0	4,0
Working depth	mm	120			
Tines number (2 / 3-rows)	pcs	17 / 22	19 / 24	21 / 26	29 / 34

Machine weight with tubular roller (Ø 385 mm) (2 / 3-rows)	kg	830 / 880	835 / 890	855 / 910	960 / 1025
Machine weight with packera roller (Ø 465 mm) (2 / 3-rows)	kg	1075 / 1125	1095 / 1150	1130 / 1185	1320 / 1395
Machine weight with string roller (Ø 320 mm) (2 / 3-rows)	kg	790 / 840	800 / 850	815 / 870	920 / 985
Machine weight with crosskill roller (Ø 350 mm) (2 / 3-rows)	kg	1235 / 1285	1275 / 1325	1325 / 1380	1505 / 1570
Machine weight with rubber roller (Ø 500 mm) (2 / 3-rows)	kg	1340 / 1390	1375 / 1425	1420 / 1455	1610 / 1675
Power demand	kW / KM	60 / 81	65 / 88	70 / 95	85 / 115
Front roller diameter	mm	280			
Weight	kg	135	145	150	190
Front implement weight - cultivator	kg	315	335	350	390
Front implement weight – leveling harrow	kg	300	310	320	340
Power demand	kW / KM	12 / 16	14 / 19	16 / 21	20 / 27

* transport on public roads strictly forbidden.

Gallery





