

Forming and tilling aggregates



The aggregate is intended for small and medium enterprises, owing tractors of average power. The main purpose of the aggregate is forming ridges in modern cultivation of potatoes and root vegetables. The machine is equipped with active and passive working units, enabling strip soil loosening and forming two broad and permanent ridges with the spacing of **75 cm or 67.5 cm**. First, the soil is treated with passive tines, then with an active milling drum and the ridges are initially formed with the attachment with ridging bodies.

The machine covers two working versions which are distinguished by the arrangement of tines, copying wheels and tools forming the final shape of the ridges. In the version intended for ridging potatoes, the ridges are formed with a passive profiling attachment. In the version intended for cultivation of root vegetables, the ridges are formed with an active spool shaft. Both versions can be equipped with a seeder dosing the fertiliser directly into the ridges.

The forming and tilling aggregate is characterised by technical parameters corresponding to European standards in the field of operation and ergonomics safety. The aggregate is equipped with a set of shields preventing from throwing out stones and loosened soil, supports and protective barriers preventing from accidental access to the range of the milling drum. High quality and structural efficiency are gained as a result of using computer design methods; and the application of MES analysis enables solutions optimised for strength and durability.

Technical specification

Symbol	-	P520	
Number of processed rows	pcs	2	
Rows interspace	mm	675	750
Height of formed ridges	mm	do 250	
Width of the back of the ridge	mm	125	200
Number of shields	pcs	12	15
Number of knives	pcs	24	30
Turnover of knives	r.p.m	245	

Diameter of an active spool shaft	mm	178	
Turnover of an active spool shaft	r.p.m.	do 130	
Machine weight with an active spool shaft	kg	980	1020
Machine weight with attachment	kg	855	880
Power demand	kW / HP	44 - 52 / 60 - 70	52 - 59 / 70 - 80

Gallery



