

Rotavators with hydraulical cross traverse



Rotavator with cross traverse is designed for opening and moving the soil without reversing. Moreover it is used for crushing clods, cutting of weeds, fast tilling after ploughing of meadows and pastures. Rotavator can be also used to mix fertilizers with soil on fields orchards and vegetable row cultivation. The machine can also be used in glass house cultivation because of the possibility of traversing the machine axle in relation to the tractor axle. The advantage of the machine is the possibility to prepare soil for seeding **up to 12 cm** during single run on the field. The machine cross traverse that amounts **56 cm** allows to avoid obstacles during the work, for example in orchards. The offer contains rotavators of working width from **1,4 m** to **2,0m**.

Discs with angled knives are mounted on the rotor with interspace of **225 mm**. The soil grinding is adjusted by movable rear protective guard. Raising the guard reduces soil grinding and lowering the guard increases soil grinding. Knife rotating speed should amount **265 rpm**. In order to drive rotavator it is recommended to use PTO shaft with slip clutch to ensure operational reliability and durability of the machine.

Technical specification

Symbol	-	U540/3H	U540H	U540/1H	U540/2H
Working width	m	1,4	1,6	1,8	2,0
Working depth	mm	to 120			
Cross traverse	mm	to 560			
Number of knives	pcs	36	42	48	54
Number of rotors	pcs	6	7	8	9
Rotor's interspace	mm	225			
Machine weight	kg	380	405	425	460
Power demand	kW / HP	30 / 41	35 / 48	45 / 61	55 / 75

Gallery

