

Rotary root crop harvester consists of two vertical toothed discs with grousers, each featuring a series of openings, centers of which are arranged concentrically with respect to the rotation axis in vertical plane. The distance from outer edge of disc tooth along the periphery to axis of hole is 140-250 mm, and the diameter of opening in toothed disc is 30-37 mm. Grousers on non-working teeth edges are made in the form of a flat isosceles triangle, sides of which have cutting edge with an angle of deflection relative to disc plane alternating by 90° to one side and the other. Cylindrical ploughshare, the front part of which consists of concave body, and the rear part across the entire working width contains rigidly fixed separating bars. Rubber finger rotor, which is located in transverse-vertical plane above the rear part of cylindrical ploughshare. Two lower and one upper soil chaff shredders, with the two lower soil shredders rotating clockwise and the upper one counterclockwise. Rod separator, intake section of which is located below the rotational axis of the two lower soil shredders at the rear of machine.