



Aparatus for determination soil penetration rezistance, for establishing work index parameters of agricultural machines

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The experimental studies have underliend the benaviour of the soil at challenges in horizontal and vertical plane, as a result of the rolling system of the agricultural machines on the soil. The way of transmitting the pressure in the soil and the result of this transmission influence the physical and machanical properties od the soil. The resistance at the penetration of the soil influences the work parameters of the agricultural machines, but also consumption of energy for each agricultural work. The intensity of the treading of the soil is influenced by the internal and the factors external the internal ones being characterized by the resistance at the penetration of the soil.