

Device for auto determining the dimension and model of the tire

Device for automatically determining the dimensions and model of tyre for the modular measurement system of the tire. Designed to automatically determine the geometric dimensions and type of radial passenger tires with a boarding diameter of 13 to 18 inches.



The equipment includes:

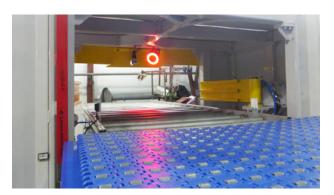
- Technical vision camera
- Control system with HMI control panel
- Light measuring system for measuring the geometric parameters of the tire
- A set of brackets, a camera lifting and lowering unit, a tire stopping and centering unit, and a protective fence





The principle of operation of the device is to determine the overall dimensions of the tires moving on the roller through the supplied device with a light measuring system. The tire stops and centers in a specific location using two gate flaps to determine the type of tread by the technical vision camera.





Technical Specification:

Landing diameter of the side of the determined tires, inch	13-18
Power supply: voltage, V	220
Air pressure in the pneumatic network, MPa	0,5-0,6
Overall dimensions of the device, mm, no more than	
LengthWidthHeight	1950
Weight, kg, not more than	600
Number of operators	1

This product can be manufactured according to the technical specifications of the customer, taking into account its predetermined parameters and features.

Full cycle engineering services

Food Machinery

Machinery for tires, rubber, plastics manufacturing

Machinery for the chemical and oil and gas industry

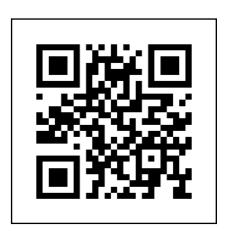
Machinery for the perfumery and cosmetic industry

Modernization and automation of production

Non-standart equipment

Production of spare parts, components, assemblies

Outsourcing services - repair and maintenance of equipment



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