

# ROTARY SAMPLE DIVIDERS

101-A0093-01

**MatCivTest**  
MATERIAL CIVIL TEST EQUIPMENT

## 101-0093-01 ROTARY SAMPLE DIVIDER

A perfect and comparable analysis is closely related to the correct sampling. Based on that, rotary sample divider is designed for sampling, dustless separation and reduction of large quantities of powder or granular bulk materials.

This machine is used in various area such as materials Portland cement clinker, chemicals, construction materials, fertilizers, fillers, flours, grains, metal powders, minerals, nut, sand, seeds, soil, dust washing etc. in areas of agriculture, biology, chemical, plastic, building materials, engineering, electronic, environment, recycling, food, geology, metallurgy, glass, ceramic.

The added material is divided equally into the buckets which rotating in a "circle" motion.

## 101-0093-10 ROTARY SAMPLE DIVIDER—Safety

### Guards (Not shown in Image)

Safety Guards and safety controls are a Mandatory accessory.

The guards need to be opened while working in the table rotation area.

While the guards are open the safety system prevents operation.



### Features -

- Sample buckets are made of 304 quality stainless steel and are made up of 8 divisions or 12 divisions. Chambers are in triangular prism shape. Depending on demand, production can be done in special dimensions.
- The feeding chamber is made of 304 quality stainless steel, and the other parts are made of electrostatic powder paint on steel.
- Sample buckets have handles to easy and safe carrying.
- Feeding speed and quantity are adjustable steplessly with the help of magnetic vibration system.
- Sample feeding system is vibratory.
- Dividing speed of sample buckets can be adjusted between 0 and 60 rpm steplessly with electronic speed control panel and can be viewed via digital screen on the device during the test.
- The sample buckets can be rotated with the rotation adjusted drive motor.
- The sample buckets are attached to each other with removable, made of steel suitable material with edge of the buckets to avoid the material coming from the feeder during the sample flow to the gap between sample buckets.
- Sample feeding Speed can be adjusted steplessly by vibration coil and electronic system.
- Rotary table control and vibration control panel is easy to use.
- Rotary Sample Divider can be manufactured with wheels as optional and Wheeled models have a stabiliser safety system on the wheel.
- Rotary Sample Divider can be manufactured with Lever for Feeder part and with Electromagnetic Feeder as optional.

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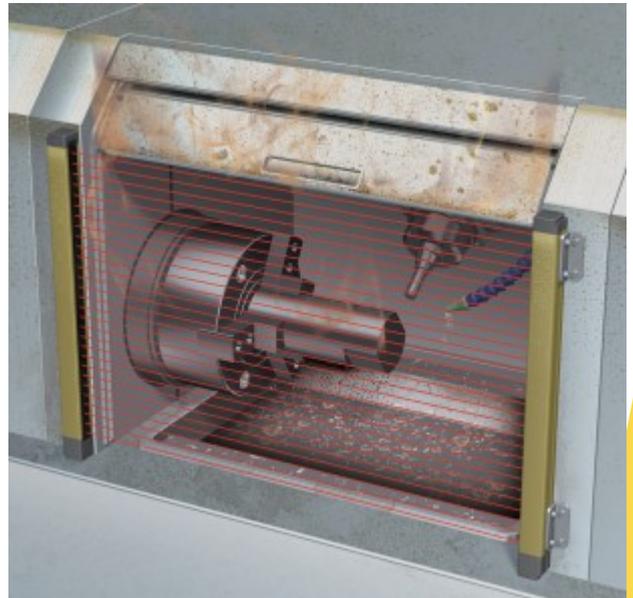
## OPTIONAL ACCESSORY

### 101-0093-20 ROTARY SAMPLE DIVIDER— SAFETY LIGHT CURTAIN

The light curtain provides a safety barrier allowing 100% visibility of rotating device and the process while maintaining safety.

The light curtain will detect anything 25mm dia or larger and stop the machine

The machine can be restarted by the push of a button. prevents operation.



## Technical Specifications

Code	101-A0093-01	101-A0093-50
Material Feed Size mm	0-30	0-50
Rotational Speed	0-60 rpm	
Capacity L	30	60
Power	240V, 50hz 1 Ph	
Dimensions mm	74*125*120	110*170*185
Weight kg	380	140