

# TWIN TYRE | 128

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128 - TWIN TYRE



## Twin Tyre Impactor

### a) General Description:

- Impact device equipped with two pneumatic tyres (e.g., 3.50-8/4PR3 or Continental T73).
- Tyres feature a round cross-section and flat longitudinal tread for consistent impact characteristics.
- Each tyre is mounted on a rim attached to steel masses of equal weight.
- Total impactor mass:  $50 \pm 0.1$  kg.
- Designed to simulate impacts in automotive and safety testing environments.

### b) Method of Manufacture:

- Constructed using steel (density:  $7,830 \text{ kg/m}^3$ ).
- Precision-engineered as per design guidelines .
- Balanced design ensures accurate and repeatable impact force delivery.

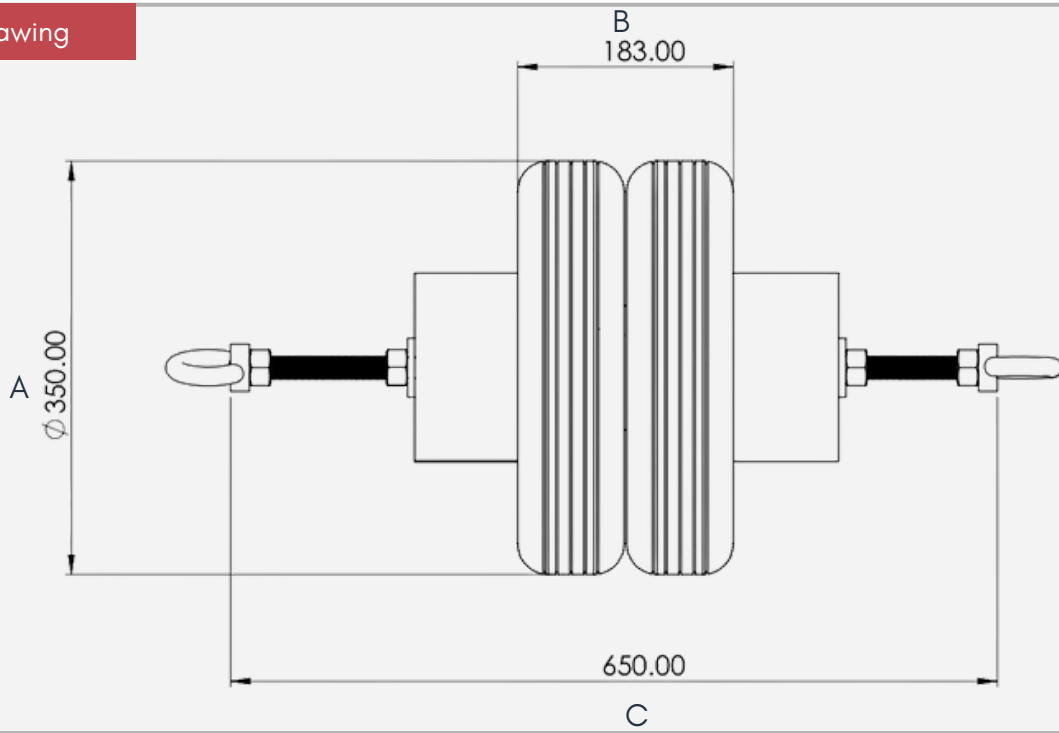
### c) Maintenance Guidelines:

- Cleaning: Remove any embedded glass or debris from tyre surface after each use.
- Inspection: Monitor tyre condition; replace tyres if damaged or worn.
- Ensure all components remain within calibration tolerances.

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2D - Drawing



S.NO	PART NUMBER	A	B	C
1	?	350 mm	183 mm	650 mm

## EMACHINESHOP



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