

<b>Id: LIRA</b>		<b>Iasi</b>
Institution: Technical University "Gh. Asachi", Faculty of Civil Engineering and Architecture		<b>Romania</b>

**Type: Circular Test Track**

Construction (commissioned): 1982



**Dimensions**

Mean diameter	15
No. of arms	2

**Loading**

Range of Load <sup>(*)</sup>	115 kN
Transverse distribution	± 300 mm

<sup>(\*)</sup> Wheels loads (half axle) are converted to the corresponding axle loads.

**Axle configuration**

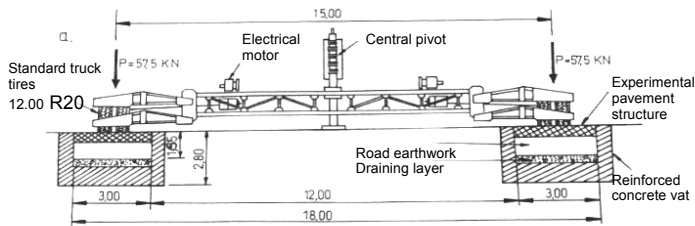


**Speed**

Vehicle Speed (max.)	40 km/h
Test frequency (max.) (passes/hour/section)	1700
Practical output (loadings/month/section)	50 880

**Sections**

No. of Sections	8
Thickness	2000 mm
Width	3000 mm



**Measured Variables**

	Surface	Asphalt	Unbound Layers	Subgrade
Temperature		x		x
Moisture content				x
Suction				
Deflection (transient)				
Vertical Stress				
Horizontal Stress				
Vertical Strain				
Horizontal Strain				

**Environmental control**

Placement	Indoors
Air temperature	@
Pavement temperature	@
Air moisture	-
Freeze-thaw cycles	©
Water table	©
Rainfall	-

- © total control
- @ partial control
- @\* indirect control (air Temp.)
- ® registered

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