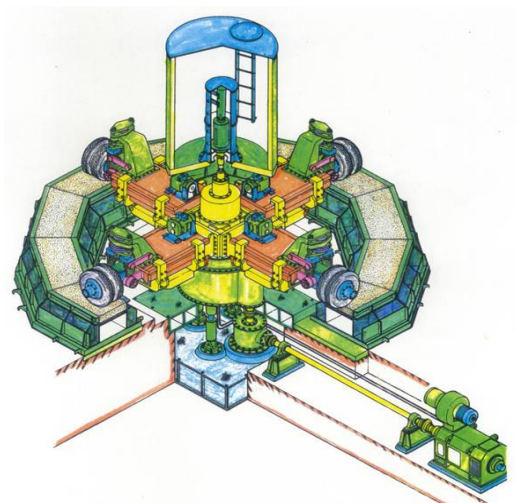
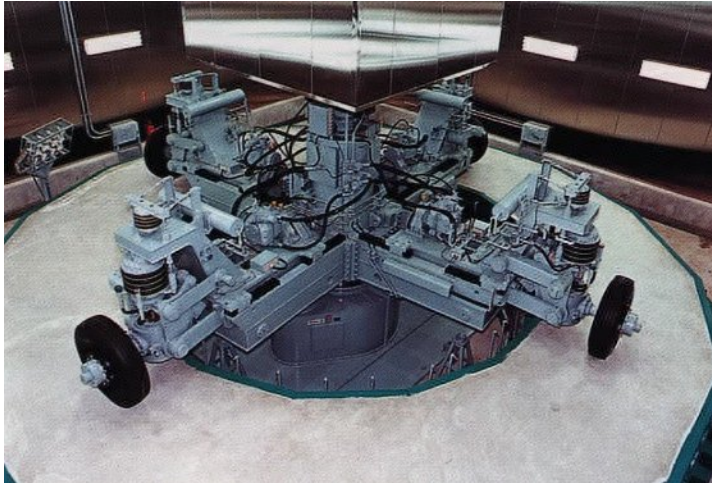


Id: NEXCORI		Machida
Institution: Nippon Expressway Research Institute Company Limited		Japan

Type: Circular Test Track

Construction (commissioned): 1990



Dimensions

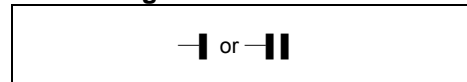
diameter	Inner orbit 8m Outer orbit 10 m
No. of arms	4

Loading

Range of Load ^(*)	4-70 kN
Transverse distribution	± 200 mm

^(*) Wheels loads (half axle) are converted to the corresponding axle loads.

Axle configuration



Speed

Vehicle Speed (max.)	100 km/h
Test frequency (max.) (passes/hour/section)	15,000
Practical output (loadings/month/section)	1,800,000

Sections

No. of Sections	16
Thickness	500 mm
Width	2110 mm

Measured Variables

	Surface	Asphalt	Unbound Layers	Subgrade
Temperature	x	x		
Moisture content				
Suction				
Deflection (transient)	x			
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

Contact people:

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