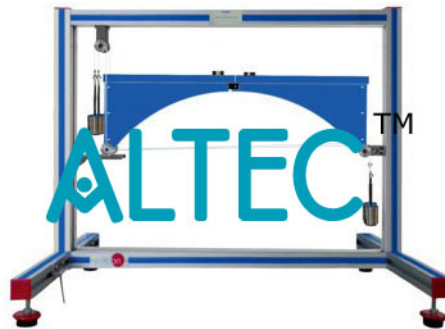


**Product Name :**  
Three Hinged Arch**Product Code :**  
ALABS-A167-111**Description :****Three Hinged Arch**

- Three hinged arch in symmetrical and interchangeable unsymmetrical arrangements
- Symmetrical arch; Rise = 200mm, span 1000mm
- Unsymmetrical arch: Rise = 250mm, span =750mm
- Load cell measures horizontal thrust
- Eight calibrated load bars supplied; 12.5N/m each
- Rolling loads of 10N and 25N with joining link
- Multiple load positions achievable
- Must be used with universal Frame and Stand (sold separately)
- Must be used with Interface (sold separately)
- Comprehensive instruction manual provided

**Experimental Capabilities:**

- Relationship between horizontal thrust at arch springing for varying applied loads
- Simulation of vehicle passing over arch using tandem rolling load
- Value of horizontal thrust at arch springing
- Comparison of theory with experimental results
- Influence line for horizontal thrust
- Use of influence line for a tandem rolling load
- Understand characteristics of symmetrical and unsymmetrical three hinged arch



## Equipments Exporters

**Website:** [www.equipmentsexporters.com](http://www.equipmentsexporters.com), **Email:** [sales@equipmentsexporters.com](mailto:sales@equipmentsexporters.com)

**Address:** 75, Lajpat Nagar-IV, New Delhi-110024 **Phone:** +91-9311469084