

Dynamics Lab

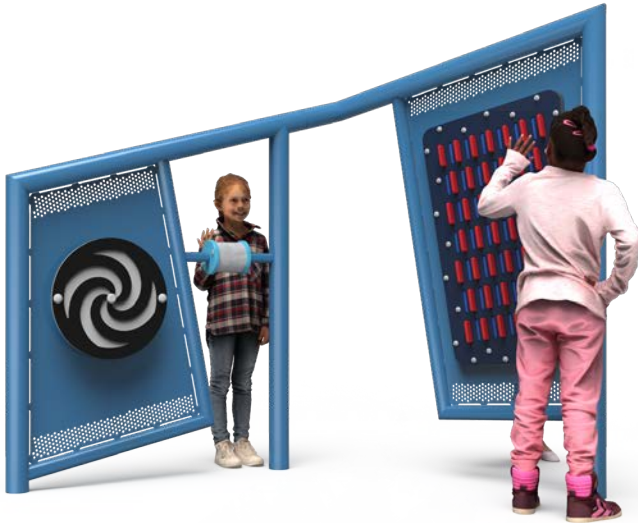
MIRACLE® MUSEUM™



Miracle Museum's Dynamics Lab lets kids experiment with motion—from the Pin Impression to the Jingle Drum, kids will love exploring movement while making new friends. Dynamics Lab is an angular piece of equipment that gives kids the opportunity to test out the basic laws of mechanics in an exciting play setting. Schools, especially those with a focus on special education or STEAM/STEM, would benefit from it.

Material Specifications

The two frame weldments shall be made of 3-1/2" O.D. x 11 gauge galvanized tube, 2-3/8" O.D. x 16 gauge galvanized tube, and 11 gauge galvanized sheet. Footings for bolt down version will be made from 3/8" A36 plate and welded to the main frame. The weldment used to mount the drum event will be made of 1-5/8" O.D. x 11 gauge galvanized tube, and 11 gauge galvanized sheet, and 1.315" O.D. x 11 gauge galvanized tube. The weldment for the spinner events shall be made on 7 gauge sheet steel and 1215 steel. Router events shall be made of 3/4" laminated high-density polyethylene or 1/2" laminated high-density polyethylene. All fastening hardware shall be Fastener Style A. The frame shall have a Mira-Cote finish.



Top View

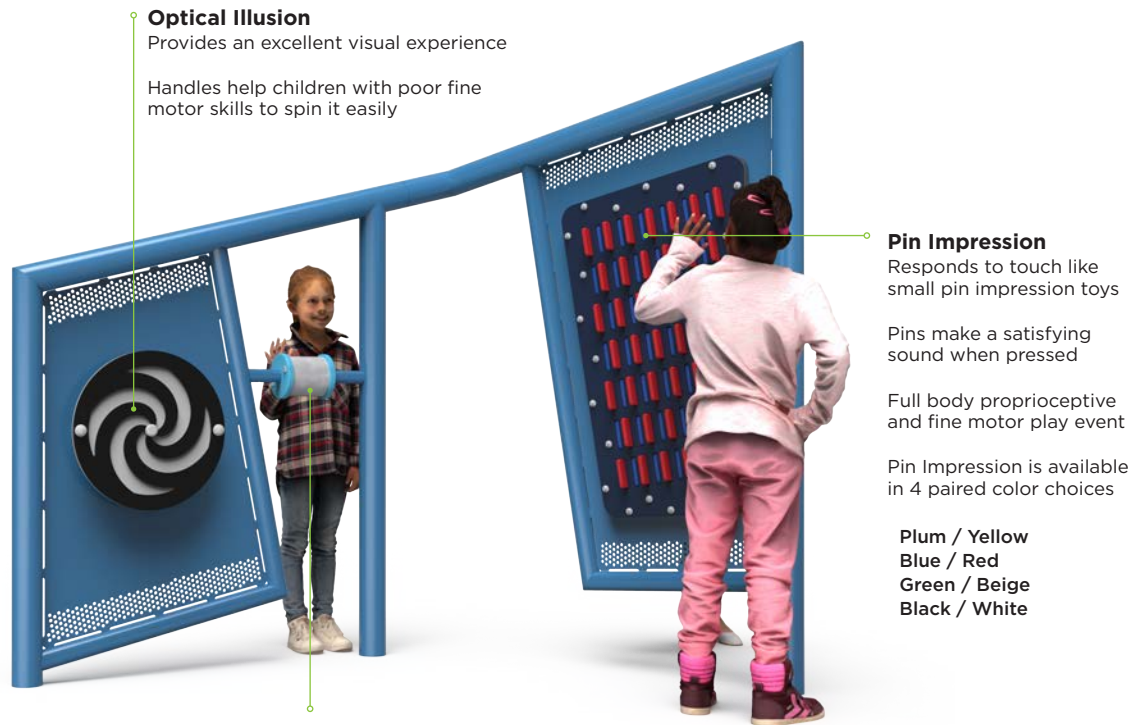


878 E Highway 60 / Monett, Missouri, USA 65708 / Miracle-Recreation.com
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Product	Product Number	Ages	Capacity	Compatibility	Product Size	Protective Area	Weight	ADA	ASTM F1487	CPSC PUB. 325	CAN/CSA Z614	EN1176
Dynamics Lab	453-3	2 - 12 (18 months - 12 years CSA)	10	FS	7'0" x 5'0" x 6'0" (2.13 m x 1.52 m x 1.83 m)	-	395 lb (179 kg)	•	•	•	•	•
Dynamics Lab - Bolt down	453-3BD	2 - 12 (18 months - 12 years CSA)	10	FS	7'0" x 5'0" x 6'0" (2.13 m x 1.52 m x 1.83 m)	-	405 lb (184 kg)	•	•	•	•	•
System Compatibility Abbreviations KC-Kids' Choice* TC-Tots' Choice* TCX-Tots' Choice* Expansion MT-Mega Tower* FS-Freestanding												



Optical Illusion
Provides an excellent visual experience

Handles help children with poor fine motor skills to spin it easily

Pin Impression
Responds to touch like small pin impression toys

Pins make a satisfying sound when pressed

Full body proprioceptive and fine motor play event

Pin Impression is available in 4 paired color choices

- Plum / Yellow
- Blue / Red
- Green / Beige
- Black / White

Jingle Drum
Spin the drum to make a pleasant musical sound

Provides auditory stimulation, especially important for those with sensory processing disorder

Zoetrope (not shown)
Produces the illusion of motion by displaying a sequence of drawings or photographs

- Handles help children with poor fine motor skills to spin it easily
- Provides an excellent visual experience
- Provides a social interaction piece

Soothing Color Palette Shown



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