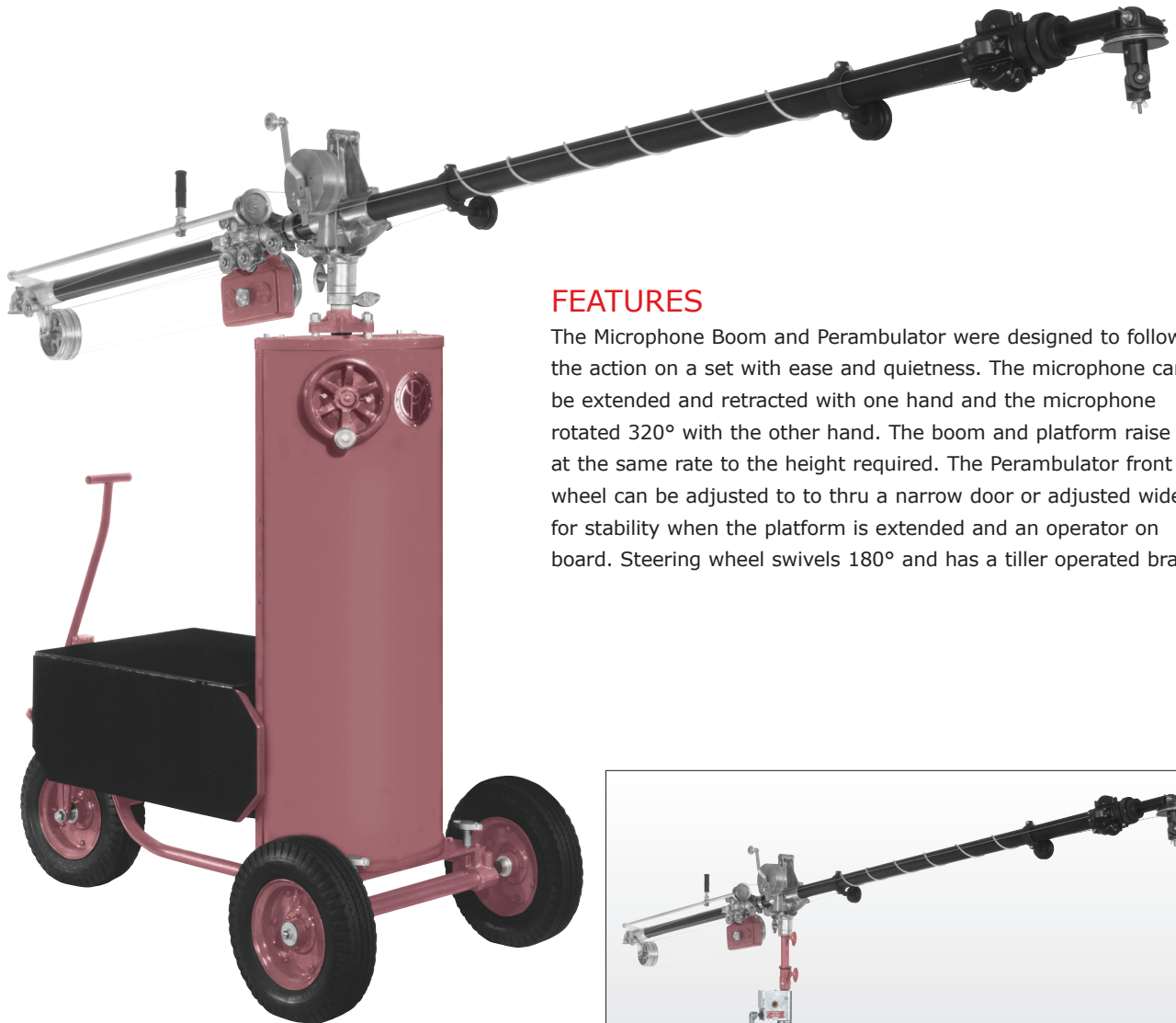




# Mole-Richardson Co.

## TYPE 103B/TYPE 126B MICROPHONE BOOM AND PERAMBULATOR



### FEATURES

The Microphone Boom and Perambulator were designed to follow the action on a set with ease and quietness. The microphone can be extended and retracted with one hand and the microphone rotated 320° with the other hand. The boom and platform raise at the same rate to the height required. The Perambulator front wheel can be adjusted to go thru a narrow door or adjusted wider for stability when the platform is extended and an operator on board. Steering wheel swivels 180° and has a tiller operated brake.

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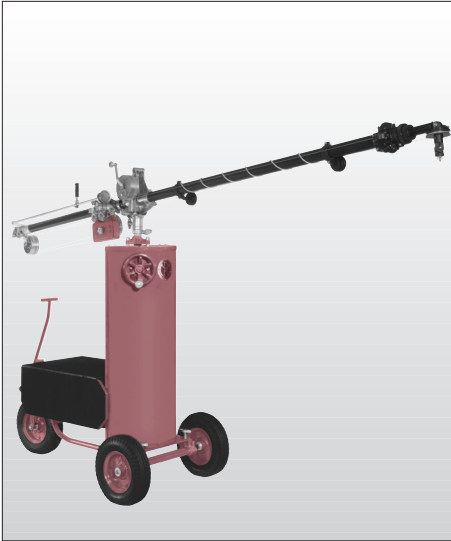
Type 103B Microphone Boom  
mounted on  
Type 500572 Folding Crank-up Litewate Stand



# Mole-Richardson Co.

## TYPE 103B/TYPE 126B

### MICROPHONE BOOM AND PERAMBULATOR



#### SPECIFICATIONS

**BOOM:** Type 103B.

**CONSTRUCTION:**

**TUBES:** Aluminum (two).

**CASTING:** All aluminum except cast iron counterweight box.

**ROLLERS:** Rubber (self-lubricating).

**BEARINGS:** Bronze (oil-impregnated), and grease packed ball bearings.

**CONTROL CORDS:** Natural linen (200 pound test).

**BALANCE:** Automatic counterbalancing during extension and retraction.

Nine lead weights in counterweight box allows adjustment needed with microphones of various weights.

**MEASUREMENTS:**

**HEIGHT:** 16<sup>3</sup>/<sub>4</sub> inches (less spud).

**LENGTH OVERALL:**

**RETRACTED:** 13 feet 2<sup>3</sup>/<sub>4</sub> inches.

**EXTENDED:** 22 feet 10<sup>3</sup>/<sub>4</sub> inches.

**REACH:** From trunnion to Mike Hanger.

Retracted: 7 feet 5 inches.

Extended: 17 feet 1 inch.

**CONTROLS:** Handle mounted on actuating rail provides 320° rotation of microphone. Handle mounted on grooved drum, provides positive control of extension and retraction of inner tube, controlling reach of microphone. Boom arm tilts vertically when trunnion clamp knob is released.

**MICROPHONE MOUNT:** Standard 5/16"—18 threaded stud 1" long with wing nut.

**BOOM MOUNT:** Aluminum trunnion casting with removable 1<sup>1</sup>/<sub>8</sub>" dia. steel yoke pin.

**FINISH:** Black anodized aluminum castings forward of trunnion and ball burnished aluminum castings to rear of trunnion. Tubes are black anodized. Counterweight is baked maroon enamel.

**WEIGHTS:**

**BOOM:** 71 pounds.

**COUNTERWEIGHT BOX:** 19<sup>1</sup>/<sub>2</sub> pounds.

**LEADWEIGHTS:** Nine at 1<sup>3</sup>/<sub>4</sub> pounds each.

**PERAMBULATOR:** Type 123B.

**CONSTRUCTION:**

**FRAME:** Steel tubing, solid sheet steel, brass and bronze castings.

**PLATFORM:** Drop-leaf platform of heavy sheet steel covered with corrugated rubber. Pull-out bars support platform leaves.

**WHEELS:** Pressed steel with 4.80/4.00 x 8 pneumatic tires. Rear wheels adjust in overall width from 29 inches to 49<sup>5</sup>/<sub>8</sub> inches. Front wheels swivels 180°.

**ELEVATING COLUMN:** Accepts 1<sup>1</sup>/<sub>8</sub>" dia. yoke pin. Automatic braking of mechanical riser upon release of handle of elevating wheel. Boom and platform raise and lower together. Distance from Boom to platform adjustable to operator height.

**MEASUREMENTS:**

**LOW:** 5 feet 2<sup>1</sup>/<sub>4</sub> inches.

**HIGH:** 8 feet 6<sup>1</sup>/<sub>2</sub> inches.

**LENGTH:** 5 feet 3<sup>1</sup>/<sub>2</sub> inches.

**WIDTH:** 2 feet 5 inches. Wheels adjust to 4 feet 2 inches.

**PLATFORM:**

**LOW:** 2 feet 2 inches.

**HIGH:** 4 feet 9 inches.

**FINISH:** Baked maroon enamel.

**WEIGHT:** 405 pounds.

#### ACCESSORIES

**MICROPHONE HANGERS** (Clamp Type with shock cords)

H-1 1<sup>7</sup>/<sub>8</sub>" to 2<sup>1</sup>/<sub>8</sub>" dia. for Sennheiser MD-421.

H-2 2<sup>1</sup>/<sub>2</sub>" to 2<sup>3</sup>/<sub>4</sub>" dia. for RCA 77DX, RCA 77-DX-G.

H-5 3" to 3<sup>1</sup>/<sub>2</sub>" dia. for Electro-Voice 667A or 668.

H-7 1<sup>3</sup>/<sub>8</sub>" dia. to 2<sup>11</sup>/<sub>16</sub>" dia. for RCA BK-5B.

H-8 5/8" to 1" dia. for Electro-Voice RE10, RE11 or RE15.

**MICROPHONE HANGER** (Stud Type with shock cords)

H-4 For Altec 639A or B.



H-2 Microphone Hanger—Clamp Type



H-4 Microphone Hanger—Stud Type

