

# HOUSTON FEARLESS

## CRADLE HEADS

for Monochrome and Color Television Cameras

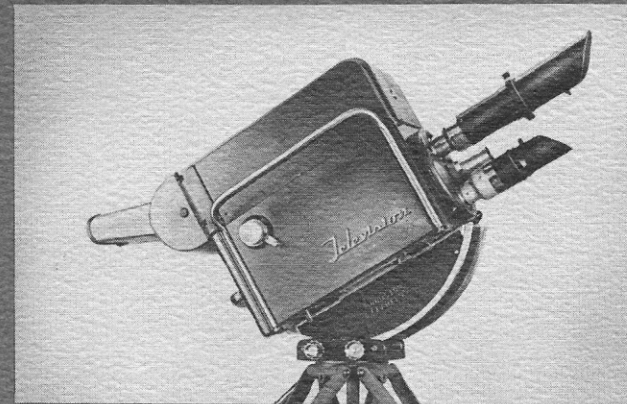
**Sensational** new ease of operation! Remarkable new smoothness! Perfect balance! These are the features that make the Houston Fearless Cradle Heads by far the finest camera heads ever available to the television industry!

The perfect balance of these new Houston Fearless heads is made possible by the cradle action. When the camera is tilted up or down, the cradle rotates around a constant center of gravity, maintaining absolute balance at all times. There are no counterbalancing springs to get out of adjustment or to produce noise.

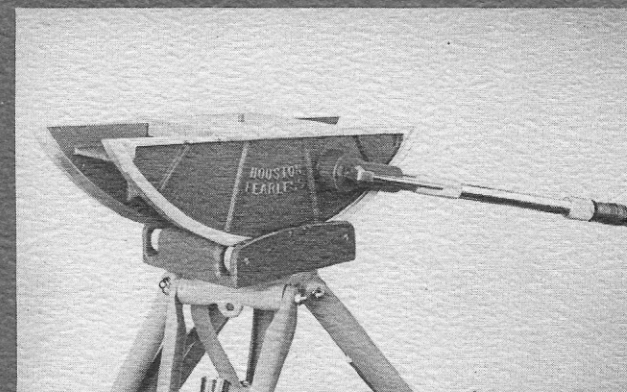
**TILTING.** Tilting is controlled by an adjustable handle. Four phenolic-covered ball bearing rollers mounted in the base of the head support the cradle. The cradle tracks ride on these bearings, providing smooth, quiet operation.

The head tilts down 38° and up 30°. Stop blocks prevent the cradle from riding off the bearings at the extreme limits of travel. The amount of drag on the tilt is controlled by a convenient knob, provided with a vernier differential screw for fine adjustment.

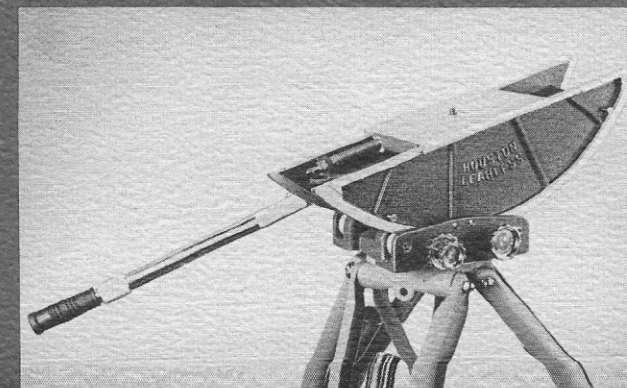
**BALANCING.** The camera, with all accessories attached, can be balanced perfectly when mounted on the head without loosening the camera hold-down screws. This is accomplished by moving the top camera plate on the head forward or back with a lead screw.



Camera with accessories is perfectly balanced on Model MCH Cradle Head even in extreme tilt.



MODEL MCH Cradle Head showing phenolic-covered ball bearings in base on which cradle rides.



Top plate on Model MCH is moved by lead screw. Knobs control pan and tilt drag and brakes.

**PANNING** action is accomplished by two precision ball bearings in the base of the head which carry the vertical load. All ball bearings are of the sealed type and require no service or lubrication for the life of the unit. Drag adjustment is provided on the pan.

**BRAKES** on the pan and tilt quickly lock the camera in a fixed position.

Rigid aluminum alloy castings are used for all major parts to provide and maintain accurate alignment. Separate cradle tracks allow for replacement in case of damage.

Adapted to fit all standard tripods, pedestals, dollies, cranes or hi hats.

### MODEL MCH

For all Standard Monochrome  
Television Cameras

#### SPECIFICATIONS

Top plate.....6 $\frac{7}{8}$ " wide x 8" long  
Height.....7 $\frac{1}{4}$ "  
Weight.....26 lbs  
Shipping Weight.....45 lbs  
Adjustable handle mounted on head.

### MODEL CH-1

For RCA Color Television Cameras

#### SPECIFICATIONS

Top plate.....12" wide x 14" long  
Height.....10 $\frac{1}{2}$ "  
Weight.....55 lbs  
Shipping Weight.....90 lbs  
Control handle not included; available on special order.

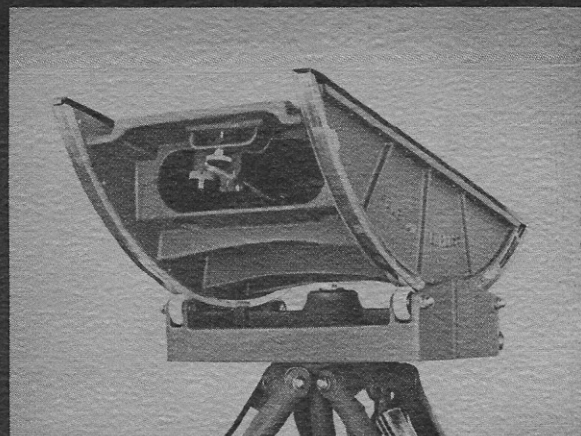
**HOUSTON  
FEARLESS**

11801 W. OLYMPIC BLVD. • LOS ANGELES 64, CALIF.

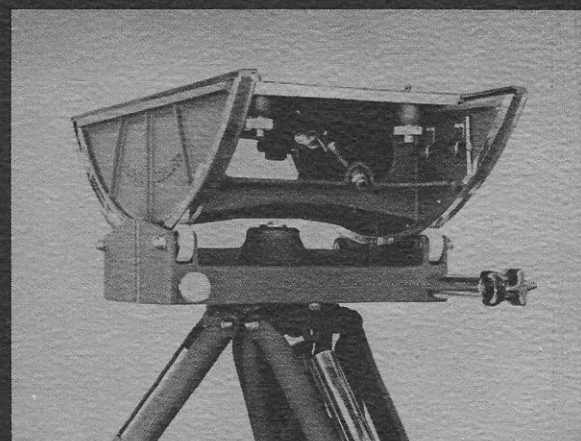
620 FIFTH AVE. • NEW YORK 20, N.Y.

"World's largest manufacturer of TV studio and motion picture film processing equipment."

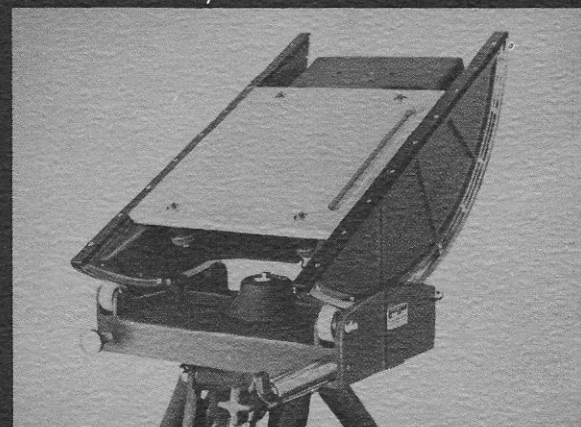
Litho in U.S.A.



MODEL CH-1 for RCA Color Television Camera showing cradle tracks and ball bearings on which they ride.



Knob at left controls tilt drag on Model CH-1. Convenient brake knobs for pan and tilt at right are coaxial so both can be operated simultaneously if desired.



Model CH-1 in extreme tilt position showing movable top plate for counterbalancing camera without loosening hold-down screws.