

J.L. Fisher, Inc. Motion Picture & Television Equipment

Basic Dolly Operation: (Model 10 or 11)

The camera dolly needs hydraulic pressure for any <u>up</u> boom movement. Hydraulic pressure is also used to assist you in shifting between CRAB, REAR, or ROUND steer modes. It has no function in steering, braking or the rolling of the dolly.



The electrical plug and switch are located on the back side below where the shift, steer and boom controls are located.

Charging:

- Using the supplied power cord- plug into any grounded source, AC or DC from 90-240 volts.
- Move the switch to the "ON" position.

You will hear the hydraulic pump running and see the needle on the dolly pressure gauge reading the increasing pressure.

 System turns off automatically when a preset pressure is reached.

If you move the switch to the "ON" position and it immediately turns off- you have sufficient pressure to operate.

• Dolly is ready for use.

<u>If you do not have an electrical power source</u>- use the hand pump.

Place one of the push posts onto the hand pump

toggle.



 The push post will be used as a handle to operate the pump. Push and pull the handle to charge the hydraulic system.

As pressure increase- so does the pumping resistance. You <u>can</u> build pressure with hand pump.

If only raising the boom for to a set height- you may decide to hold hydraulic boom control to up position as you pump. This will raise the boom with each stroke-stopping when you stop. You may still boom down freely.

Shifting:

There are <u>three</u> steering modes the shifter handle can be positioned into: **CRAB**, **REAR**, and **ROUND**.

Standing with your hands on the push posts- the shifter handle is located on the left side of the dolly controls.

To **SHIFT** from one steering mode to another.

- Ensure the dolly has hydraulic pressure
- Release the brakes (see BRAKES)
- Turn the steering post straight across (like riding a bicycle)



- Move the spring loaded shifter handle to the right (towards the steering post)
- Push forward for CRAB
- Pull backward for ROUND
- Place in the <u>middle</u> for **REAR**

Releasing the shifter handle will allow it to spring back and lock in your desired steering mode.

Brakes:

Standing with your hands upon the push posts- the steering post is in the middle. This is where the brake handle is located- easily identified by the black ball.

To **RELEASE** the brakes: Pull up on the black ball.

The brake handle is spring loaded to the up (brakes off) position.

To **APPLY** brakes: Push the black ball down until it locks.

To **SLOW** the movement of the dolly with the braking system: Gradually push the black ball down. This will slow the movement of the dolly without fully locking the brakes.