

## **LL-1 ANCHOR LOCKING KIT** **(20000 LB. MAXIMUM CAPACITY)**

The LL-1 Anchor Locking kit is designed to Load Lock and proof test Manta Ray anchors. It includes a 10 ton capacity fast double acting hollow hydraulic jack with direct reading gage and HTMA couplers, Adapter Setting Bar (ASB), quick release gripping jaws, base reaction plate, metal storage box, bypass valve adjusting tool, Operation manual and Load Verification Certificate.



The LL-1 Anchor locking kit is available in different models for different style anchor rods. The different models include different Adapter Setting Bars (ASB) and gripping jaws to accommodate different anchor rod thread forms. Please contact your Manta Ray Distributor to ensure compatibility between your anchor rods and the Load Locker.

The design of the Jack and base reaction plate make it self aligning to the actual installed angle of the anchor. It can be used effectively for angles of 30 to 90 degrees between the axis of the anchor rod and the surface of the soil.

### **CONTROLS**

The LL-1FPM 10 Ton Jack assembly has a manual control valve mounted directly on the body of the Jack that allows the operator to control the jack and read the anchor capacity directly.

### **HYDRAULIC RATING**

The LL-1 Anchor Locking Kit is rated to 2000 psi / 8 gpm (140 bar/34 lpm).