

## ELECTRONIC WEIGHT INDICATOR I-WEIGHT MODEL

Matherne Instrumentation's rugged I-Weight Electronic Weight Indicator replaces the conventional hydraulic weight indicator and provides hook load, total load, weight on bit, mast load balance, and data logging for well service rigs while using new or existing hydraulic pad load cells.

The system includes the I-Weight display with mounting hardware, (2) hydraulic pads, (2) 30' hydraulic hoses, quart of hydraulic fluid, and hand pump.

### Features:

- Displays total load, hook load, weight on bit, and mast load balance
- Data logger logs measurements on .pdf report for complete operational traceability
- Bright display allows clear viewing from long distances
- Optional on/off button provides safe shutdown capability
- Display unit mounted in rugged, heavy duty, NEMA4X stainless steel enclosure
- Standard 12" screen size, also available with smaller 7" display

### Advantages:

- Higher accuracy than standard analog dial indicators
- Works with all standard models of hydraulic pad load cells
- On screen digital gauges mimic the conventional hydraulic gauge dial face giving the operator a familiar visual interface instead of just reading numbers on a screen
- Multiple languages available
- Audible and visual alarms when operator set total load, hook load, and mast balance parameters are exceeded

### Ordering Specifications:

- Rig total load capacity
- Type of pad compression load cells
- Alarm parameters
- Length of hoses (standard is 30')

