



✓ Vibration-rated battery case.

✓ Manufactured with overload protection.

- ✓ Threaded plastic cover.
- ✓ Easy access to batteries.
- ✓ Protects internal antenna without affecting range.
- ✓ Reduces weight.

✓ Anti-rotation.

Our shackle load pins outperform others on average by a typical 10:1 performance margin and boast a robust 5x overload capacity and superior IP67 protection. With wireless capabilities, these pins allow monitoring from a 600-meter range, enhancing safety and operational efficiency across various lifting and rigging tasks.

Wireless Load Monitoring

- » Accurate load readings in real-time.
- » Measure total or individual forces to get the data you need.
- » Adjustable sample times and sleep modes extend battery life.
- » Long-range wireless communication at 2.4GHz using our T24 handheld receiver.
- » Free App for Android or iOS to capture and display info on your phone.
- » Bluetooth option can be read by multiple phones at the same time.
- » A single receiver can read by multiple load pins, saving time and hassle.

Wireless connection to multiple shackles via free app



Standard Ordering Codes for Load Shackle Pins

Model Code	Capacity (lbf)	Connection	Options	Output
LP	6500	01= Standard Bobbin	S1 = Single Shackle	B1= Bluetooth Wireless (Free App)
	9500		S2 = Set of 2	W1= 2.4 GHz Wireless with Handheld
			S4 = Set of 4	W2 = 2.4 Ghz Wireless with USB Dongle
			S8 = Set of 8	W3 = 2.4 Ghz without any receiver
				MV = mV/V output and M12 Connector

LP-6500-01-S4-B1

MODEL CODE

CONNECTION

01 = STANDARD BOBBIN

CAPACITY CODE
6500 = 6500 lbf
9500 = 9500 lbf

OPTIONS
S1 = Single Shackle
S2 = Set of 2
S4 = Set of 4
S8 = Set of 8

OUTPUT CODE

B1 = Bluetooth Wireless (Free App for Android and Apple)
W1 = 2.4 Ghz Wireless with Handheld Receiver (For Option S1)
W2 = 2.4 Ghz Wireless with USB Dongle Receiver
W3 = 2.4 Ghz Without Any Receiver
MV = mV/V Output and M12 Connector



Specifications

SHACKLE SPECIFICATIONS

Shackle Capacity	6,500 lbf	9,500 lbf
Overload w/o Damage	9,750 lbf	14,250 lbf
Breaking Load	5X	5X
Accuracy	0.50%	0.50%
Temperature Range, F	-40F to 140F	-40F to 140F
Environmental	IP67	IP67

WIRELESS SPECIFICATIONS

SIGNAL	BLUETOOTH	2.4Hz Long Range WIRELESS	mV/V
Receiver	Free App for Android and iOS	USB Dongle or Handheld	Contact Morehouse
Power Source	2 x AA	2 x AA	10V (15V max)
Battery Life, Continuous use Energizer L91	1 sample every 10 seconds: 8 yrs (10 samples per second: 1 month)	1 sample every 2 hrs: 2 yrs (3 sample per second: 3 weeks)	N/A
Range (no obstructions)	300' for iPhone 7 (varies by phone)	2000'	N/A

Device/Application	Number of Shackles Paired
Bluetooth Phone App	12 max
Free Windows Program 2.4 Ghz Wireless	100 max
Handheld Receiver (Low & High End)	1 / 12 max

Dimensions

