

# AXLE PAD WEIGHING SCALE



# System Components



**M1 Indicator**

**Axle pad decks**

# Axle Pad Specification and Features

- Available size: 7ft/84" ,12ft/144", 14ft/168"
  - 7ft - accommodate tandem axle
  - 12ft - accommodate regular tridem axle group
  - 14ft - accommodate super B tridem axle group
- Available capacity: 60K lbs (7 ft) and 80K lbs (12ft and 14ft)
- Accuracy: 1% or better of gross vehicle weight
- Operating temperature range: -40°C to 80°C
- Compensated temperature range: -10°C to 40°C
- AC Powered 100-240 VAC 50/60 Hz
- Graduation size: 20 lbs
- Dimension: 84" (L) x 30" (W) x 6" (H)
  - 144" (L) x 30" (W) x 6" (H)
  - 168" (L) x 30" (W) x 6" (H)
- Protection: IP 67
- Warranty: 10yrs on the axle pad decks
  - 5 yrs on load cells
  - 2 yrs on indicator
  - 1 yr on printer
- Ground surface requirement: Concrete, Asphalt, Compacted gravel
- Option: ramps
  
- Cost effective non-legal for trade to weighbridge
- Non-auto weighing - Requires scale operator
- Made from Canadian/US high strength steel
- Rugged design for long service life
- 6" low profile
- Fully calibrated to traceable weights
- Forklift portable for use in multiple location

# M1 Indicator Specification and Features

- Supply power to the axle pad scale load cells
- 6 Digits 7/8" LED display
- 5 user keys: Menu, Gr/Net, Tare, Zero, Print
- 100-240 VAC 50/60 Hz
- 2 full duplex RS-232 serial port
- Operating temperature range: -10°C to 40°C
- NTEP approved
- Enclosure: 304 Stainless Steel with bracket
- Tough, dependable and weather resistant
- Dimension: 9" x 5.5" x 3" w/ bracket

## Weighing process

1. Truck driver drive 1st axle on the axle pad scale and stop.
2. Scale operator records manually weight of 1st axle.
3. Scale operator signal truck driver to drive 2nd axle or group of axles on the scale and stop.
4. Scale operator records manually weight of 2nd axle.
5. Repeat 3 and 4 for remaining axle or group of axle.
6. After the last axle is weigh, scale operator sums each axle weight to get the total axle weight.
8. Ready for next truck

# In-ground installation



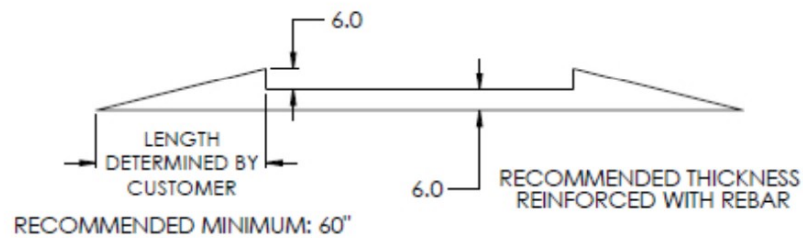
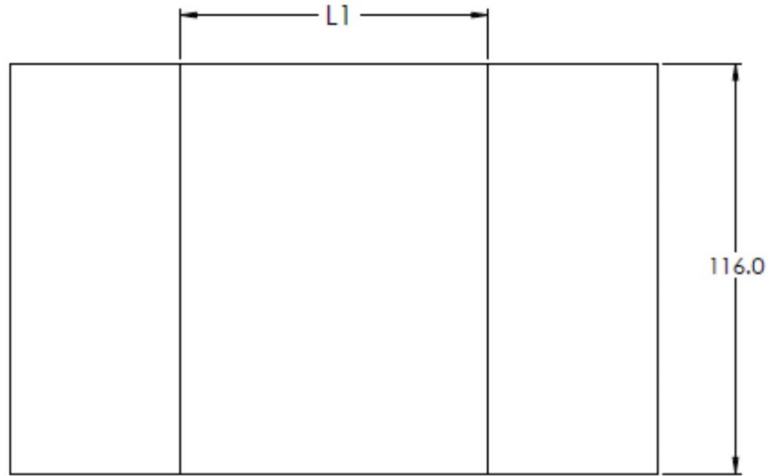
# Above ground installation



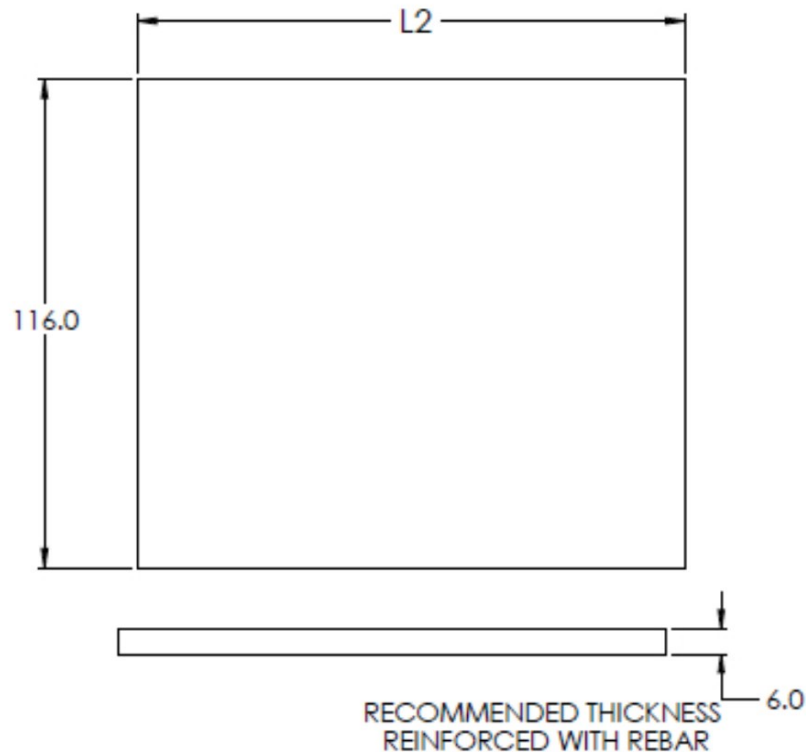
# Recommended Concrete Pad Dimension

MODEL	L1	L2
7'	88"	130"
12'	150"	194"
14'	172"	216"
14' Legacy	174"	218"

WITH CONCRETE RAMPS USE PAD LAYOUT ABOVE



WITH MASSLOAD RAMPS USE PAD LAYOUT ABOVE



RECOMMENDED SPACING BETWEEN AXLE PAD DECKS: 46.5"

WIDTH BASED ON TRUCK WHEEL SPACING  
ADJUST IF NECESSARY BASED ON VEHICLE TYPE

# Applications

## Check Weighing



**Incoming and yield product monitoring**



**Filing process load & unload monitoring**

