

**PIT / PITLESS TYPE 40 - 120 TON ELECTRONIC WEIGH BRIDGE
SPECIFICATION:**

PLATFORM SIZE : 9/12/16/18/24mtr. X 3mtr.
LOAD CELL : 6 - 8 NOS.

TECHNICAL SPECIFICATION:

WEIGHBRIDGE STRUCTURE DETAILS:-

- ✓ Main Beam : 450 mm heavy duty main beam
- ✓ Cross Beam : 250 mm Heavy Duty cross beam
- ✓ Top Plate : 12 mm plate plus anti skid strips.
- ✓ Material : All materials will be IS 2062 material.

LOADCELL DETAILS:

Type	: ZEMIC - U.S.A. MAKE Centre Loading DOUBLE ENDED SHEAR Beam Cup Ball Load Cell
Rated Load	: 30 TON
Safe over Load	: 150%
Ultimate over Load	: 300%
Excitation Voltage	: 5-12 V(DC) MAX 18V(DC)
Temperature Compensated	: +10 to 40 'C,
Temperature operating	: -35 - +65 'C
Combined Error	: 0.02% FSO
Non Linearity	: <+/-0.017% FSO
Non Repeatability	: +/-0.02% FSO
Hysterisis	: 0.02% FSO
Creep (After 30Min)	: 0.02
Side Load	: ---N.A---
Bridge Resistance	: I/P-700 +/- 7 ohms, O/P -700 +/- 7 ohms
Insulation Resistance	: >5000(50 VDC)
Integral Cable	: 12Mtr.
ACCURACY CLASS	: OIML R60-C3
Moc	: Alloy Steel
Protection Class	: IP-68
Cable spec	: 4-wire shielded cable
Wear and tear	: Lesser
Protection @ Impact Load	: Higher
Benefit Comparison	: These load cells should be capable of taking load of any Direction as depicted below And free motion to W/B.

INTELLIGENT TERMINAL:

In intelligent Terminal System there is 8052-microprocessor, clock - 11 MHz, Memory - 128 K for data storage with battery back up. Power supply - Linear Mode With EMI/ RFI Filter and Spike Suppressor. A/D Converter- Dual Slope Type With Charge Balancing Feature. A/D Clock- 10KHz. Conversion Speed- 10Hz. Load Cell Excitation- 10V @ 300mA (8 LOAD CELLS OF 350 OHMS.) Signal/ Unit Weight- 1 Micro Volt 3 Micro Volt. Key Board - 101 Key Board IBM PC AT type Type. Printer Port- Centronics Compatible Parallel Port. Printer- EPSON/T.V.S.E. Serial Port - 1 NO. RS-232C Type Port Is Available (For Computer Interface OR Remote Display Interface) Display- 40 CHAR X 2 LINES LCD Display With Back Light For Data Entry And Display Of Weight, Date And Time. 6 DIGIT Bright RED 1" Display For Weight. Remote Display Port- Optional 1/2" / 1" / 2.3" / 4", 6 Digit Bright Red LED Display. Indication- Buzzer For Fault And Data Entry. Fuse- F1 Fuse E 200mA For AC Power In. Protection - A) RFI/EMI Filter For Input Power. - B) Spike Suppressor For Input Power. Weight Record- 1530 Records, Depending On Options Programmed. Storage. Consolidated Reports- Date Wise And All 5 Entry Wise For Full & Pending Report. Input Voltage- 200 V-250 V

AC @ 50 Hz. Power Consumption- 10 VA (Approx)Environment- Operating Temp: 10 TO + 55 Celsius.- Humidity 0 TO 95% Non Condensing. Mechanical- Dimensions: 250 mm X 260 mm X 80 mm (W) (D) (H) - Weight: 4.4 Kg.

PRINTER SPECIFICATIONS: Dot Matrix printer.

The following can be printed on the ticket. Standard print out should include following:

- ✓ Time, date, year and Serial No.
 - ✓ Gross Weight, Tare Weight and Net Weight.
 - ✓ Automatic calculation and printing of Net Weight.
 - ✓ Truck number.
 - ✓ Material in Truck.
 - ✓ Driver IN/OUT.
 - ✓ Bill No. /Challan No. with date.
- Supplier / customers name and address.