

Eagle
Digital
Scales

3rd Floor N.K.Y. Tower, Ajni Square,
Wardha Road, Nagpur – 440 015. INDIA
Ph. : 91-712-2252303, 2252404
Mobile : 0988159256 Fax : 91-712-2252404
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e-mail : service@niwaweighing.com



Ref: EDS/QTN-WB/22-23/674

Date: 18/08/2022

To,
M/s, Raje Malharrao Holkar Agro Producer Company Ltd.
Narnali Tq. Kandhar
Dist. Nanded

Sub: Commercial Offer for 50MT 12x3 Meter Fully Digital Weighbridge System

Dear Sir,

We thankfully acknowledge your interest and trust towards on our products & services. Please find enclosed here with the detail techno –commercial proposal for your kind perusal.

We hope that our offer matches your requirement, however for any additional information please feel free to contact us at your convenience.

Looking for a long lasting business relation.

Regards,

For Eagle Digital Scales

fajesh
Authorized Signatory
Mukesh Deshmukh
9922413787

158

TECHNICAL SPECIFICATIONS & FEATURES OF AIWA DIGITAL SYSTEM (EDS MODELS)		
Sr. No	Features	DESCRIPTION
1	Digital Intelligent Terminal	Digital IT- 9900 LCD Graphical
2	Display	135*40 Graphical LCD Display Blue black light Display
3	Resolution Counts : 1. Internal 2. External	1,67,77,216 1,27,000
4	System Calibration	Not required
5	Memory : 1. Storage Type 2. Ram	Flash 32 KB
6	Password Facility	Three Level
7	User Login Password	Three User
8	Operating Speed	15 Nano Seconds
9	SMD Technology	Yes
10	Watch DOG Circuitry	Inbuilt
11	Linearity	0.0007%
13	Channels Availability	12 Channels
14	Functioning in Extreme Weather Conditions	Normal
16	SMS Facility	Optional
17	Individual Memory	100,000 (one Lakh Transaction)
20	Customer Code	Up to 99 Entry

Special Features of Aiwa Digital System

- Long Distance between weighbridge room and structure
- Lower division size can be obtained, leading to higher accuracy of scale.
- Field settable number of load cells.
- Simple and fast Installation.
- No Calibration Required.
- Automatic fault diagnosis with warning of particular DLC.
- Installation report Printing through IT

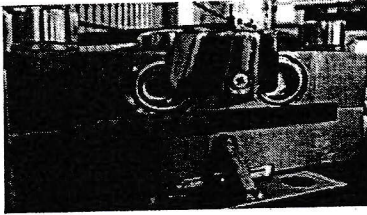
Salient Features

- Graphical LCD display.
- USB port for pen drive connectivity (xls format).
- Field setting option for Vehicle wise working.
- SMS provision.
- Field settable pre-printed stationary.
- Ginning /Mandi Application features.

Optional Features.

- Confidential Report to prevent Theft on weighbridge by operator or any other person. (optional)
 - Inbuilt wireless for connecting wireless accessories .e. Jumbo Display. (optional)
 - Email Facility You can mail your Weighbridge Reports any where you want. (optional)
 - Rice Mill and Wear house application.
 - Moisture Entry.
 - Facility to attached Laser Printer. (optional)
 - Report Dumping in Pen Drive.
- Optional Features are available with Extra Charges.**

Made In India



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AIWA Digital Load Cell

Digital load cells are a combination of analog load cell and an analog to digital converter mounted on the load cell. The "aiwa" Digital load cells are multi step calibrated load cells capable of transmitting the weight from the platform in digital form.

Feature

Dual air plug facilitates easy cabling and fast installation No need of junction box.

Rodent proof cable ensures long life Corner correction not required*

No Calibration required

No Corner error

Higher Accuracy

Better Performance & Protection

No signal attenuation from external environment Better Accuracy

Long Distance signal communication between weighbridge room and structure (Up to 200 mt)

Built In Surge protection

Superior finish with superior cable

No chance of Signals manipulation

Very simple & easy installation procedure

Easy field replace ability

***Level of structure should be proper on loaded and empty conditions.**

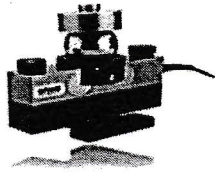


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Specifications

Rated Load	30t
Safe Overload	150%FS
Rated Output	30000 Div
Combined Error	0.02%FS
Creep Error	0.02%FS
Zero Balance	0.1%FS
Temperature Effect	0.02%FS/° C
Temperature Range	-30 to 70° C
A/D Module Resolution	200000
Data Refresh Rate	50Hz
Input Voltage	9 to 12V DC
Maximum Input Voltage	20V DC
Baud Rate	9600 bps
Protection Class	IP68
Signal Transmission Distance	500m

162



LOAD CELL Description: Load Cells are suitable for truck weighing applications. This is constructed from electro less nickel plated heat treated tool steel suitable for harsh industrial applications. Cup and steel ball mounted mechanism is self restoring and self centering.

Features

- Factory Calibrated with in-built 10 point linearization for full Capacity.
- Multi Level Lighting Protection Circuit (First in the world to offer this feature)
- Designed to Qualify to meet OIML R60-Cs Standards.
- Totally Tropicalised to suit harshest India Environment.
- Robust IP68 Design
- Self Aligning
- Stored Calibration Data in Transducer as well as intelligent terminal.

Standard Capacities	30 Ton (U.S.A.) Each
Excitation Voltage	10 VDC- Maximum 15 VDC
Nominal Output	2.0 mV/ V
Non – Linearity	< ±0.025% FSO
Hysteresis	< ±0.02% FSO
Non-Repeatability	< ±0.01% FSO
Creep (30 minutes)	< ±0.03% FSO
Zero Balance	±1.0% FSO
Insulation Resistance (50 VDC)	> 1000 Mega Ohms
Cable Length (4 Core)	16 mtr.
Safe Overload	150%
Ultimate Overload of Rated Capacity	300%
Temp. Compensated Range	0-60 °C
Temperature Effect on Output	< 0.0015% FSO/ °C
Temperature Effect on Zero	< 0.0020% FSO/ °C
Deflection	< 0.5 mm at FSO
Environmental Protection Class	IP68
Transient Voltage Protection	Provided

163



Valuable Satisfied Customer List of AIWA

- National Thermal Power Corporation (NTPC) All over India
- Western coal Fields Limited (WCL)
- Municipal Corporations (Warora, Sangamner)
- Agriculture Product Marketing Committee.
- Rapiscan Systems Ltd.
- Ashoka Buildcon All over India Sites
- Thermax Ltd Pune.
- Raymond's UCO Denim Yavatmal
- Posco Maharashtra Steel Raigarh Pune
- Indorama Nagpur
- Modi Gold Pipes Nagpur
- Kisan Moulding Thane
- Arcon Infra Chindwara
- ACC Cement Nagpur
- Kcc Buildcon
- Sunflag Steels
- Nandhra Engineering and Construction (SPV) Pvt. Ltd.

And Many more.....



164



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Commercial Offer

Model	Capacity	Accuracy	No. of Load Cell	Platform Size	PRICE Rs. / Unit
AWB50T	50000Kg	5 Kg	6(Digital)	12X3Mtr	INR. 7,85,000/-
AWB50T	50000Kg	5 Kg	6(Digital)	10X3Mtr	INR. 6,75,000/-

Price For 50 MT 12x3 mter (In Words): Seven Lakh Eighty Five Thousand only.

Price For 50 MT 10x3 mter (In Words): Six Lakh Seventy Five Thousand only.

Additional Scope Of Supply

Printer Dot Matrix	INR.13500.00
Software for MIS Reports(Pre Loaded with Aiwa WB Indicator)	Inclusive
Load cell Cabling up to JB	Inclusive
Junction Box with Surge protection components	Inclusive
Govt. Stamping Expenses	Extra
Transportation	In Customer Scope
Supervision and Installation Charges	INR.15000.00
GST 18%	Extra

165



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AIWA'S SCOPE OF SUPPLY

- ✓ Supply of Weigh Bridge as per Purchase order.
- ✓ Supervision and final testing of weigh bridge.
- ✓ Design of Civil Structural Drawing.

CUSTOMERS SCOPE OF WORK

Civil Construction

- ✓ All necessary civil work including construction of weighbridge and laying Conduit pipes for routing the wires shall be done by the customer.
- ✓ Approach roads to the platform must be straight for at least one length of the platform on either side.
- ✓ Ramp angle on the top of civil construction to protect the Ramp needs to be provided by the customer as per requirement.
- ✓ 16mm thick Foundation plate size 500mm*375mm with four hole on every corner (20mm diameter)

Earthing Work

- ✓ Earthing strip and earthing plate of copper make should be provided by the customer.
- ✓ Electrical earthing work is in scope of customer.

Electrical Power Supply

- ✓ Customer shall provide regulated single-phase power supply of 230VAc through constant voltage transformer (CVT) in case of power fluctuation. Customer should make the arrangement of UPS system as per requirement.

Safety Measure

- ✓ Customer should ensure that no electrical wire is laid either below or above the weigh bridge, it may cause short circuitry.
- ✓ LT or HT Line should not be above the weigh bridge.
- ✓ Customer should ensure that no Water seepage is available near to the pits or inside the pit.
- ✓ All the electrical cables should be concealed and isolated from the signal cables.
- ✓ Separate earthing should be provided for Electrical circuit in weigh cabin and load cells.
- ✓ All electrical cabling along with earthing job should be conducted in consultation with registered electrical contractor.

Installation Requirements:

- ✓ Unloading of Material by crane/Labor in scope of Customer only.
- ✓ Unskilled labor, Hydra required for fitting and handling of the material will be provided by the customer.
- ✓ Welding material with skilled welder will be provided by the customer.
- ✓ Stamping of the Weighbridge from competent authority is in the scope of the customer, however engineer will be provided if required with prior intimation to our service department.
- ✓ The customer will arrange required C.I. weights at the time of verification stamping purpose. As per rules of Weights & Measurement departments.
- ✓ Customer Keep min. 1000kg (or As per the rules of Legal Metrology) C.I. Weights at weigh bridge premises.

166



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TERMS AND CONDITIONS

❖ **Order Booking:**

Order should be released in favor of 'Eagle Digital Scales ., 3rd Floor, N.K.Y. Tower, Wardha Road, Nagpur-15 along with 50% advance payment in the form of Demand Draft/RTGS/Cheque payable at Nagpur.

❖ **Payment terms:**

All payment should be in form of DEMAND DRAFT/RTGS/Cheque in favor of 'M/s. Eagle Digital Scales' Payable at NAGPUR as per following Schedule.

1. 50% Advance along with confirm written order.
2. 50% Balance against Performa invoice prior to dispatch.

❖ **Transit Insurance:**

Prices are exclusive of Transit Insurance. Customer has to arrange Transit Insurance before dispatch of the material.

❖ **Excise Duty:**

Excise duty is not applicable however if it is applicable at the time of delivery then it will be charged extra as per government notification.

❖ **Tax & Levis**

Prices are exclusive of tax and levis applicable. It will be charged extra at actual at the time of delivery.

❖ **Delivery:**

Within 6-8 weeks from the date of receipt confirm written order along with advance. The Customer has to provide the necessary "Road Permit" along with their VAT/TIN No. if applicable. Because of force Major or any other reason beyond our direct control, may delay the delivery mentioned as per schedule of supply.

167



❖ **Validity:**

30 Days from the date of Quotation

❖ **Warranty:**

Our Weighbridge is covered under warrantee for a period of 12 months from the date of Installation or 15 month from the date of dispatch whichever is earlier. All the defects due to bad workmanship, faulty material will be replaced/repair free of cost. The warranty will be void if unauthorized persons serviced the weighbridge or tempered or mishandled or sufficient precaution are not taken during operation , the warranty stands cancelled.

Warranty is not applicable for all the types of force major and beyond control of M/s Eagle Digital Scales Hence it is advised to get the proper insurance cover from the respective vendor.

❖ **Services beyond Warranty:**

On completion of warranty period, customer is advised to enter in to annual maintenance contract (AMC) to look after the preventive and breakdown maintenance of the weigh bridge as per the rules of the company. The maintenance can be carried by the company representative or by the nearest authorized service provider as per availability.

❖ **Jurisdiction:**

All disputes are subjected to Nagpur Jurisdiction only.

For Eagle Digital Scales

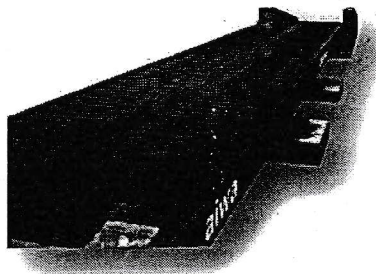
Prajesh
Authorized Signatory
Mukesh Deshumukh
9922413787

OUR BANKER DETAIL:-

Eagle Digital Scales – Nagpur
Bank of Maharashtra

Sitabuildi, Nagpur-440010
A/C No. : 60347616687
IFSC code : MAHB0000005
GST No. : 27AAAFE9948D1ZB

168

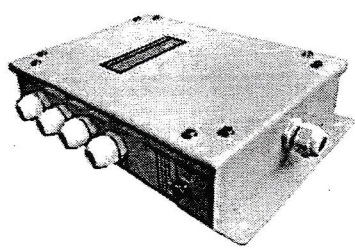


MS PLATFORM

SPECIFICATIONS OF THE STEEL STRUCTURE

Platform Design Basis	Maximum rated Axle Load Centre to Center
Platform Design Testing	Approved In-House Testing, AIWA Standard
Platform Design Factory of Safety	Designed for Max Big Size overload of specified capacity
Design Calculations	Design and details provided with each shipment
Type of Platform	Load bearing Mechanical structure with evenly spaced Stiffeners, Incorporating Fasteners, Site Assembled & Highly Portable,
Type of Weigh Bridge	Pit Less
Standard of Material of Construction of Structural Steel	Mild Steel Confirming IS:2062
Paint	Two Cote of red Oxide Primer and two Cote of Black Synthetic and 2.5 grade paint.
Type of structural steel	Rolled Beam sections with top plates
Make of Rolled Beams Sections & Deck Plates	Reputed Steel with test Certificates
Top Plate	10 MM THICK (MAX), With Anti Skid Grippers Welded Across the Length
Deck Plate Size	3000 MM by 1250 MM
Antiskid	MIN 2MM THICK

169



AIWA Junction Box with Surge Protection Components

AIWA Load Cell Junction box is designed for the use of summing the signal outputs from multiple load cells. The junction box is constructed using thick MS sheet and is powder coated to withstand harsh environmental conditions. Protective rubber seal for the lid, airtight cable glands for routing cables ensure prevention of moisture & dust ingress, thus preventing signal distortion. A high quality signal thus obtained, offers higher resolution in the constructed weighing scale.

Load cell connectivity	8(AJB08)
Corner adjustment	Not required in Digital Load cell system
Section load trimming	Not required in Digital Load Cell System
Electrical protection	Special Surge protection components for protection against transients induced by line voltage spikes, surges
Environmental protection	Rubber Seal Gasket on top cover and air tight cable glands for entry of load cell cables and indicator cables
Dimensions (mm)	AJB08 : 280 x 190 X 55
Weight	@2.0 Kg

170

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Load cell Cabling up to JB	Inclusive
Junction Box with Surge protection components	Inclusive
Govt. Stamping Expenses	Extra
Transportation	In Customer Scope
Supervision and Installation Charges	INR.15000.00
GST 18%	Extra



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