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AWAD MOHAMMED DHAFER AL MUBARAK CO

- Truck Weighing Scales
- Industrial Weighing Scales
- Industrial Automation
- Industrial Electrical Panels
- Maintenance & Services



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INTRODUCTION



(SCALESKO) AWAD MOHAMMED DHAFER AL MUBARAK CO

We are specialized in industrial weighing scales, truck weighing scales, industrial automation, concrete & asphalt batching plant services, maintenance inspection & calibration, trading & contracting all around Saudi Arabia since 2000 (before as AL MAASTAIN UNIVERSAL EST). Our aim is to provide services & products to the customer in high quality and accuracy. We have 100+ customers all around Saudi Arabia. Our groups of companies has other activities such concrete factories, crusher plant operating in central and northern regions of Saudi Arabia.

WEIGHING DIVISION

TRUCK WEIGHING SCALE

Optimized, modular metallic structure (lengths from 6 to 18 metres), transportable modules.

Upto 20 - 120 ton capacity

Supports all types of vehicles.

4 - 8 supporting points with self-centering load cells.

Mounting and access to load cells, junction box, movement stops and other elements from the top of the scale.

Checkered top surface, which prevents vehicles from slipping.

High level anti-corrosion paint.

Useful width 3m and rolling height of 45cm.

Usage regime MEDIUM-HIGH

Easy transport and handling (crane required)

Easy to clean

with weighing indicator connected to weighing specialized software



WEIGHING DIVISION

Industrial multi purpose weighing scale

Compact platform with pivoting foot, in pit or on-floor installation.

Designed to withstand loads that largely exceed the nominal capacity.

Painted steel with Tear top sheet metal

It Incorporates 4 load cells model SQB (Ip68)

Each load cell is connected to the others by means of an IP66 protected junction box from which a cable for connection to the indicator comes out.

Height adjustable from 96 to 105 mm.

Dimensions:

-800 x 800

-1000 x 1000

-1000 x 1250

-1250 x 1250

-1250 x 1500

-1500 x 1500

-1500 x 2000

-1000 x 2000

Capacities: 150 kg, 300 kg, 600 kg, 1500 kg, 3000 kg, 5000 kg



WEIGHING DIVISION

S-Beam Loadcell

Capacities: 100 kg, 500 kg, 1000 kg, 3000 kg, 5000 kg, 10,000 kg,

Used for Hopper weighing tank weighing.

Sensitive metal body made of special heat-treated and electroless nickel-plated steel.

IP65 protection.

PVC connection cable length 3m. Diameter 4 mm.



I-Beam Loadcell

Capacities: 100 kg, 500 kg, 1000 kg, 3000 kg, 5000 kg, 10,000 kg,

Used for Hopper weighing tank weighing..

Sensitive metal body made of special heat-treated and electroless nickel-plated steel.

IP65 protection.

PVC connection cable length 3m. Diameter 4 mm.



Cylinder Loadcell

Capacities: 20,000 Kg, 30,000 Kg, 40,000 Kg

Used for tanker weighing scale, truck weighing scale etc.. .

Sensitive metal body made of special heat-treated and electroless nickel-plated steel.

IP65 protection.

PVC connection cable length 12m. Diameter 4 mm.



WEIGHING DIVISION

Batching Plant Weighing Indicator DC

24 DC Voltage

7 Segment display with 6 digits

Analogue loadcell input

Communication:

RS 232

RS 485

4-20 mA

0-10 Volt



Batching Plant Weighing Indicator AC

100-220 AC Voltage

7 Segment display with 6 digits

Analogue loadcell input

4 Relay output

Communication:

RS 232

4-20 mA (Optional)

0-10 Volt (Optional)



Industrial Weighing Indicator AC

100-220 AC Voltage

Used for all types of weighing scale

7 Segment display with 6 digits

Analogue loadcell input

Communication:

RS 232



WEIGHING DIVISION

Accessories and services

Various types of loadcells and its components

Water counters and flow meters

Tank weighing system

Loadcell mounting sets

Loadcell data cables

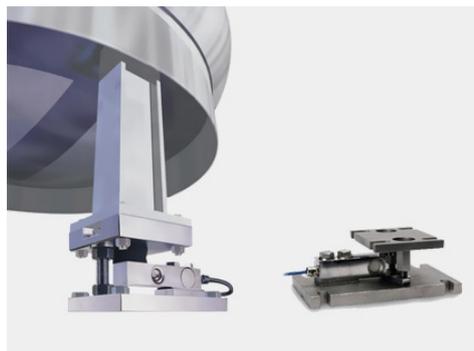
Installation of weighing scales

Installation of hopper and belt weighing

Maintenance of hopper and belt weighing system in concrete and asphalt batching plant

Conversion of traditional weighing systems to modern weighing system in concrete and asphalt batching plants

Inspection and calibration of all types of weighing scales in standard method



AUTOMATION DIVISION

Concrete Batching Plant Automated System

User friendly software in windows PC with PLC hardware

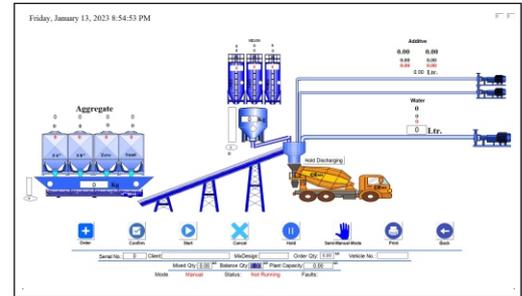
5 Agg Bins

5 Cement Silos

4 additives (KG or Ltr according to customers requirement)

1 water (KG or Ltr according to customers requirement)

All types of reports and data are available



Asphalt Batching Plant Automated System

User friendly software in windows PC with PLC hardware

5 Agg Bins

1 Bitumen

1 Filler

All types of reports and data are available



Block Batching Plant Automated System

User friendly software in Human Machine Interface (HMI) with PLC hardware

5 Agg Bins

2 Cement Silos

1 Water (KG or Ltr according to customers requirement)



Accessories:

PLC (Programable Logic Controler)

PLC Modules

HMI (Human Machine Interface)

Programing Cables



SOFTWARE DIVISION

Truck Weighing Scale Specialized Software

User friendly software in windows PC

All types of data entries are available

All types of reports, receipts and data are available

Any types of printer can be usable

Connected with weighing indicator

Multi-user Interface



Concrete Factory Management Software

User friendly software in windows PC

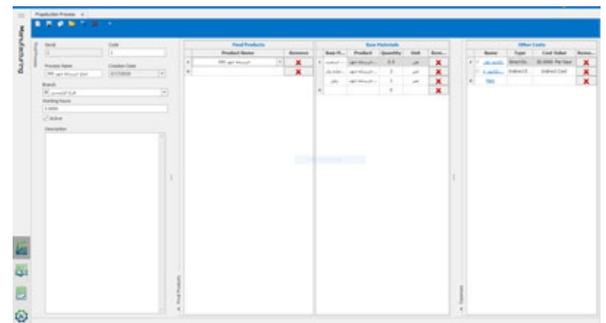
All types of data entries are available such as number of mixers, number of concrete pumps, time of out, time of in, mix design, material consumed, bulk order entry etc..

can be also used via server

All types of reports, delivery note, receipts and data are available

Any types of printer can be usable

Multi-user Interface



Accessories and services

All types of computer accessories

Windows and Microsoft office installation

Data cables

RS 232 converters

All types printers

Printer repairing



ELECTRICAL DIVISION

Concrete Batching Plant Electrical Control Panel

Easy usable

up to 5 aggregate bins, 5 cement, 4 additives, 1 water

with weighing indicators and counters

usable for dry mix or wet mix plant

Compatible with our concrete batching automation system

supply voltage 220-380



Block Batching Plant Electrical Control Panel

Easy usable

up to 5 aggregate bins, 2 cement, 1 water

with weighing indicators and counters

supply voltage 220-380



Accessories:

Custom size control box

Contact

Breaker

Overload

Timers

Earthing Protection Components

Relay

Control Panel switches





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