



**WINTECH**  
ELEVATORS TANZANIA LTD



PRODUCT CATALOGUE

## ABOUT US



**Wintech Elevators Tanzania Ltd.** was established in 2001 and operates mainly in countries spread over EAST African Continent. Our core business is to offer a **Complete Solution** for all Industrial Weighing Applications. Through our offices and the team of expertise qualified Engineers & Technicians, we give solutions from “**Milli Grams to Tonnes**” for not only the products supplied by us but also a customer supplied product. **Wintech Elevators Tanzania Ltd.** also supply various “**Software**” that are being used in various Weighing Applications to generate different types of Reports on Products, Customers / Suppliers, Transporters / Hauliers etc for Security Controls & Inventory purpose.

Product range starts from Analytical Scale to Weighbridges and other Weighing Systems that are being used in all types of Industries. Analytical / Laboratory / Table Top / Light Duty Platform / Heavy Duty Platform / Road Weighbridge / Rail Weighbridge / Weigh Module for various Tank / Vessel / Hopper Weighing Systems / Through Put or Tipping System / Bagging Off System (Immoveable or Moveable), Batching Systems and so on.

**WINTECH SCALES WORKS**, have a manufacturing unit in Ahmedabad, Gujarat, India. We are manufacturer, exporter, importer & trader of Retail Scales, Commercial Weighing Scales, Heavy duty Industrial Scales & Weighbridges under the brand name “WINTECH”. All our “WINTECH” Weighing Scale Products are Approved, Verified & Stamped by Department of Weights & Measures.

- Round the clock backup service provided to clients having Annual Maintenance contract with us.
- Our technicians are dully certified and authorized by Weights and Measures department, Ministry of Trade.
- We provide service for entire East Africa Region.
- We have served clients in over 15 different types of industries like Plastic, Food Products, Packaging, Chemical, etc. And over 200 SATISFIED CLIENTS.
- We also stock all parts of weighing scales like (indicator, Load cell, Junction box, pcb etc.)



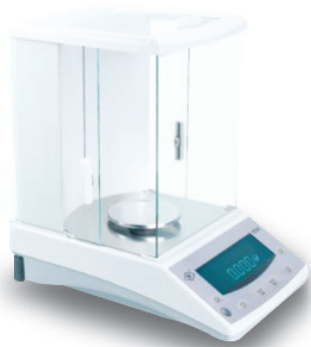
# ANALYTICAL SCALES

## WINTECH LAB SCALES

WINTECH offers our customers the widest variety of extremely accurate and reliable Analytical and Laboratory Scales. These scales are available with external or internal calibration, built in RS-232 to allow connectivity to computers or printers and stability filters to compensate for temperature, drafts, or vibration changes.

Our selection includes both electronic balances, designed

for anywhere where tight precision is a must. Majority of Universities, research centers, laboratories, pharmacies even hospitals use these scales for research and development purposes, to weigh medical / pharmaceutical supplies and laboratory equipment, relying on us for the most accurate and trusted results.



### Wintech LS 100/ 200 x 0.001gm

**Readability & Range :** 100gm x 0.001gm, 200gm x 0.001gm

**Max Capacity :** 100 / 200gm

**Interface :** RS-232

**Pan Size :** 85mm Dia

**Units of measurement :** Gram (g), Milligram (mg),  
Carat (ct), Ounce (Oz)



### Wintech LS 300/ 600/ 1000 x 0.01gm

**Readability & Range :** 300gm x 0.01gm, 600gm x 0.01gm,  
1000gm x 0.01gm

**Max Capacity :** 300 / 600 / 1000gm

**Pan Size :** 130 mm Dia

**Units of measurement :** Gram (g), Milligram (mg),  
Carat (ct), Ounce (Oz)



### Wintech Lab 2000/ 5000 x 0.1gm

**Readability & Range :** 2000gm x 0.1gm, 5000gm x 0.1gm

**Max Capacity :** 2000 / 5000gm

**Pan Size :** 200 x 140mm

**Units of measurement :** Gram (g), Kilogram (kg),  
Milligram (mg), Carat (ct), Pound (lb), Ounce (Oz)

# PLATFORM SCALES

## WINTeCH-300 Stainless Steel Scale



### Rated Capacities

601kg fully stainless steel scales 601kg x 10grams

WINTeCH's Premium Stainless Steel Floor Scale unlike others utilizes a Stainless Steel load cell providing the perfect solution for weighing in harsh environments. Available in 100 KG X 10 grams, 200kg x 20 grams or 300kg x 50 grams capacities and coupled with the WINTeCH indicator, which offers the ultimate weighing package for commercial use in difficult environments at an affordable price.

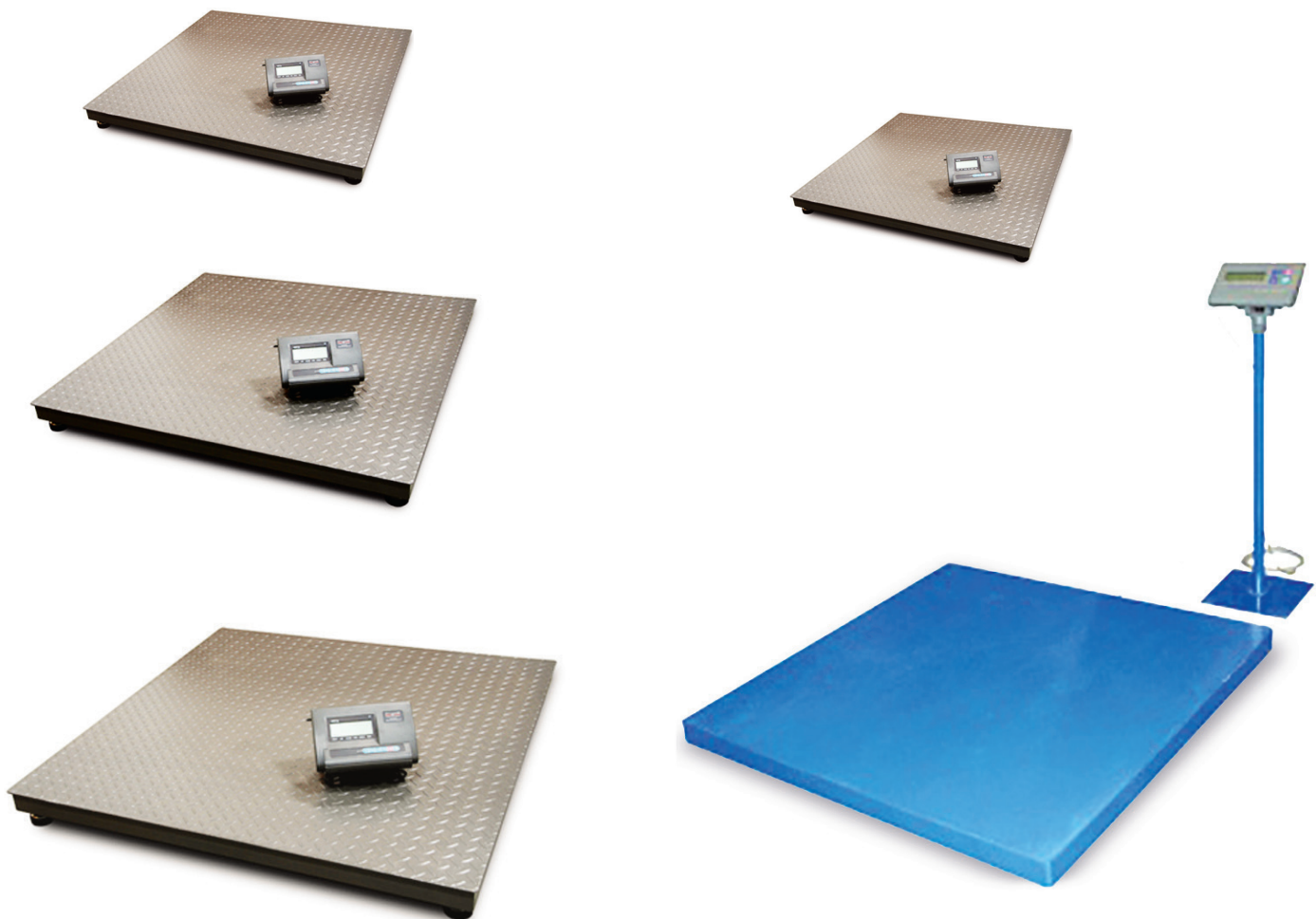
Features include removable indicator, RS232 output for PC or printer, Kg/Lb conversion, Hold mode, peak detection and large Backlit LED display. A mains power adaptor is provided but it also has an internal re-chargeable battery for true portability. WINTeCH-300 range can be used in Industries for wet or harsh environments with Standard indicator on a pole attached to the base for normal weighing use.

# HEAVY DUTY PLATFORM SCALE



**WINTECH**  
ELEVATORS TANZANIA LTD

## WINTECH Powder coated Heavy Duty Platform Scale



### Rated Capacities

2000kg x 0.2kg, 3000kg x 0.5kg, 5000kg x 0.5kg

WINTECH powder coated HEAVY DUTY platform scales come in three sizes – 1000 x 1000mm, 1200 x 1200mm and 1500 x 1500mm. Built to a standard not a price yet remain reasonably priced.

These scales are manufactured in steel and are finished in powder coated grey colour to provide the user with long service life. The top weighing deck is finished with a checker plate top

deck and is ideally suited in all dry goods food manufacturing, logistics' weighing and general dry weighing environments etc and can be ATEX certified with an optional approved indicator & junction box. At the heart of each scale are the load cells and for this reason WINTECH use their approved series of IP67 shear beams.

# SCORE BOARD

## WINTECH SCOREBOARD



### Introduction

Auxiliary display for weighing device by viewing weighing result from long distance. Auxiliary display for weighing system by connecting with computer with matching output format. Weighing indicator should be equipped with corresponding communication interface to connect with scoreboard.

### Technical parameter

Power: AC 187-242V:49-51HZ

Communication interface: current loop way/RS232

Operating temperature:0-40

Operating humidity: 85 RH

# STANDARD WEIGHTS





### Specifications Detail

Item :	Cast Iron Weight (OIML)
Class :	M1 F1 F2 E2 as request
Material :	Cast Iron Weight
Density :	7.2kg/dm <sup>3</sup>
Nominal value :	5kg-2ton
Construction :	With cavity for adjustment
Shape :	Rectangle
Finish :	Painting
Standard Packing :	Plastic bag or wooden carton
Special packing :	(Adding cost) as request
Mark on weight :	Nominal value + unit e.g.:25kg
Shipping packing :	Everything packing into small carton boxes, then, when all good <20kg, shipping pack with carton box, >20kg shipping with plywood pallet or plywood case
Application :	Industrial weights and laboratory, chemical, medical calibration weights, commercial for all kinds of scales such as Analytical balance, floor scale, flat scale, weighing scale, Forklift Scales,

# CRANE SCALES

## WINTECH L 30 – 300 Hanging Scale



### Rated Capacities

- 30kg x 0.01kg
- 100kg x 0.05kg
- 300kg x 0.1kg

The WINTECH L 30- 300 series of digital hanging scales, offers the user a simple and easy method to weighing goods in a lifting / tension application, from 30kg to 300kg capacities. Ideal replacement for older style mechanical dial / hanging scales.

**IMPORTANT NOTICE:** Never use more than the rated capacity of the hanging scale, this will void all warranty claims and can result in injury or death.

## WINTECH M 500 – 1000 Mini Crane Scales



### Rated Capacities

- 30kg x 0.01kg
- 100kg x 0.05kg
- 300kg x 0.1kg

The WINTECH M 500- 1000 series of Crane Scales, offers the user a simple and easy method to weigh goods in a lifting / tension application covering a capacity range from 500kg to 1000kg. Industrial design built for commercial use at a realistic price. Comes standard with a small hand remote controller for ease of use which operates all the functions of the M 500- 1000 mini crane scale. Standard LCD display with backlighting provides up to minimum of 40 hours of continuous operation. Comes standard inbuilt rechargeable battery and battery charger. Ideal for use where a light weight crane scale is required. Australian standard hooks are supplied with each crane scale.

**IMPORTANT NOTE:** Never use more than the rated capacity of the crane scale, this will void all warranty claims and can result in injury or death.

## WINTECH Heavy Duty Crane Scales



### Rated Capacities

- 3 ton x 1 kg, 5 ton x 2 kg
- 10 ton x 5 kg, 15 ton x 5kg
- 20 ton x 10kg

The WINTECH HEAVY DUTY series of Crane Scales, offers the user a simple and easy method to weigh goods in an industrial lifting / tension application. Comes standard with a small hand remote controller for ease of use operating all the functions of the HEAVY DUTY crane scale along with a hand held indicator with built in printer.

Standard self locking hooks are supplied with each crane scale.

Other sizes on request.

4 inch wireless remote LED display an option. Not available in all capacities.

**IMPORTANT NOTE:** Never use more than the rated capacity of the crane scale, this will void all warranty claims and can result in injury or death.





# ANALYTICAL SCALES & PRICE COMPUTING SCALE

## WINTECH HX HIGH RESOLUTION Table Top scales



Details as attached



### Capacities

3kg x 0.1 grams, 6kg x 0.2 grams, 15kg x 0.5 grams, 30kg x 1 grams

### Features:

- Select lb, kg, g, or oz
- Easy to read LCD with blue backlight
- Internal Rechargeable Battery
- AC Adapter (included)
- ABS plastic housing
- Removable stainless steel pan
- Adjustable levelling feet and front panel level bubble, dual display models
- Easy to clean and transport.

### Applications:

- Food processing
- General weighing
- Bench Scale
- Portable Scale
- Checkweighing

WINTECH table top scales are an economical choice for your basic weighing needs. Check weighing mode, accumulation mode and multiple units of measure are standard features. WINTECH scales feature a removable stainless steel weighing

platform, and a mid profile ABS plastic housing with leveling adjustment. Each scale also comes standard with a long lasting internal rechargeable battery for ultimate portability and convenience.

# WEIGH BRIDGE



## Accurate and reliable vehicle weighing

Unlike most of our competitors, we design and build all the key components in the weighbridge measuring chain. This includes the load cells, instrumentation and software. This ensures optimized weighing performance and long-term reliability. Both analogue and digital load cell versions are available.

### Pit and surface models

We offer both pit-mounted and surface versions (the latter are sometimes referred to as pit less weighbridges), constructed from steel, steel concrete composite and pre-stressed steel. Surface models can be installed with concrete ramps or versatile steel ramps, making it easier to move the weighbridge to a different location. We also offer transportable weighbridges, ideal for construction sites. #weighbridges

### Complete weighbridge solutions

Many applications require more than just a simple weighbridge. We provide a wide range of additional equipment

and software which form the basis of complete weighbridge systems. Our range of additional equipment includes: driver-operated terminals, card readers, traffic barriers and lights, radiation and number-plate cameras. The robust designs have an unrivalled longevity and operate in the harshest of environments around the world.

All our products meet the requirements for legal-for-trade weighing as defined in EN45501. We provide a full weighbridge calibration service for all types and makes of weighbridge, supported by a network of engineers.

Our modular weighbridge designs are ideal for installation in confined spaces (e.g underneath silos) and special versions designed to fit inside a standard 20ft shipping container for export markets. The complete weighbridge and instrumentation are shipped to site and can then be installed in less than a week by one WINTECH engineer, supported by local engineers.

### Choosing the right weighbridge for your application

A number of factors should be considered when choosing your weighbridge.

Note: The choice for a particular application will depend on



factors including maximum vehicle sizes and weights, available space, usage and, of course, budget. Most weighbridges are operated in a drive-through manner. In other words the vehicles drive on at one end and off at the other. However in applications where space is at a premium, vehicles may go 'on and off' from the same end. For plants where vehicles are weighed in and out, the obvious choice is to operate two separate weighbridges. Not only does this streamline traffic flow, but it also gives the opportunity to service one bridge whilst keeping the other operational. However this is clearly a more expensive option and in many applications one weighbridge is sufficient.

If space is restricted, we can install a single ended weighbridge which incorporates a special stop end, complete with barriers if required.

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### **Sizes and Finishes**

Please note that although we offer a wide range of standard weighbridge sizes, we can build special sizes to suit your application (metric and imperial). These are ideal for replacing existing electro-mechanical pit weighbridges. We have developed special load cell mounting hardware assemblies

that fit in the pits to ensure the new weighbridge deck sits level with the ground. This removes the need for unnecessary civil engineering work to convert the existing pit.

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### **Ready Available Sizes:**

3 x 4 Meter, 9 x 3 Meter, 18 x 3 Meter & 22 x 3 Meter If required we can supply special weighbridges with a galvanized finish or special marine paint.

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### **Hazardous areas**

For hazardous areas we can supply ATEX certified weighbridges. The load cells are approved for use in zones 1 & 2, 21 & 22 – gases and dusts. For gas environments the weighbridge decks can have ventilation holes to prevent the build-up of hazardous material beneath the bridges.

# AXLE WEIGH BRIDGE

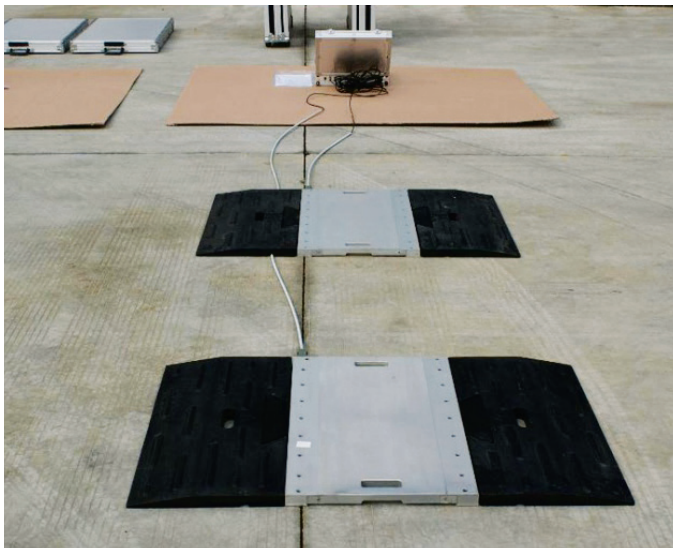
## Single Axle Weighbridge



Axle weighbridges are a very good choice for Mines and Factories, where installations are required to be quick. Shifting axle weighbridge can be done quickly and needs only a small pickup truck for transportation.

Axle weigh bridges are very cost effective solution, the user benefits from the low equipment cost, low cost of civil work & installation and hence rapid recovery on investment. Civil work takes only 3 to 4 days time and the installation can be done in just one day. With its many advantages and cost benefits, axle weighbridge is highly rewarding solution with no compromise.

## Portable Weigh – Pad



**Rated capacity:** up to 20 ton per pad @ 20 lb graduations

**Material:** High strength aluminum alloy

**Static Accuracy:** 0.25% full scale or better

**Dynamic Accuracy:** +/- 1% of full scale with leveling track (See Weigh in Motion)

**Dynamic Accuracy:** +/- 3% of full scale without leveling track

**Overload Capacity:** 200% full scale

**Input/output Resistance:** 560 ohms +/- 50 ohms

**Stability:** 0.5% full scale/year

**Ground level Requirement:** <5mm within 0-4m

**Weight:** 52 lbs including ramps, 42 lbs without ramps

**Operating Temperature range:** -10 to +55 deg C

**Output:** 0.6 to 1.0 mV/V

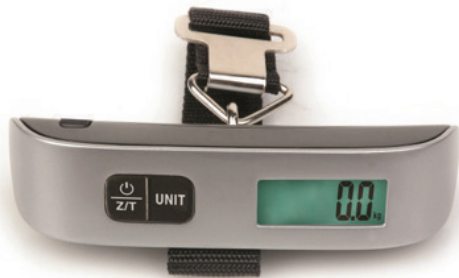
**Excitation:** 5 to 24 VDC

# LUGGAGE SCALES & PERSONAL SCALES

## WINTECH HX HIGH RESOLUTION Table Top scales

The WINTECH digital luggage scale is a lightweight portable and easy-to-use scale that allows you to quickly and accurately measure the weight of your luggage. Luggage is often weighed inappropriately resulting in incorrect weight calculations and unnecessary overweight luggage fees. With the WINTECH luggage scale you can always be sure you

are being charged the appropriate amount. Avoid charges for overweight luggage, and take advantage of its compact, modern design. The scale is easy to read with its 0.44-inch readout. It has a large capacity of up to 110 lbs., and a long-life lithium battery is included. It is especially popular for frequent travelers and businessmen.



Details RATEYL



### WINTECH Digital Luggage Scale LG50 Features:

- Zero and tare
- Long life lithium battery included
- Compact modern design Easy to read 0.44-inch (11.3mm) LCD digits display
- Room temperature display
- Helps avoid charges for overweight luggage
- Durable clasp and rugged nylon web material for strap
- High capacity; up to 110 lbs.(50kg) in 0.2 lb.(10g) increments
- Blister packing

The temperature function may happen with a less-than-3C differences for record. The situation may vary in different item as well, which means most products may have no differences but certain of them may have 1/2 or 3C differences. However, the temperature display is an additional function of this product, which its main function of measuring the weight correct is not affected.



## Some of Our Customer List:

WINTECH ELEVATORS TANZANIA LTD.

WINTECH MAKE WEIGHBRIDGE AND WEIGHING MACHINES. From 04-05-12

Sr. No USER NAME AREA TYPE OF WEIGHBRIDGE CAPACITY

1	AFRICIAN GINNIG SHIYANGA FULLY ELECTRONIC <b>80 TONNES.</b>	27	LEADCOM, KWIZOMBE & CHEX JV NJOMBAY FULLY ELECTRONIC/AXEL(GOVT.) <b>50 TONNES</b>
2	ALLUMINIUM AFRICA PUGU ROAD FULLY ELECTRONIC <b>80 TONNES.</b>	28	LEADCOM, KWIZOMBE & CHEX JV S/WANGA FULLY ELECTRONIC/AXEL(GOVT.) <b>50 TONNES</b>
3	ANNAR CHASHEW NEWALA FULLY ELECTRONIC <b>80 TONNES.</b>	29	LUCAS CONSTRUCTION CO. LTD MBEYA FULLY ELECTRONIC/AXEL(GOVT.) <b>50 TONNES</b>
4	AZANIA WHEAT FLOOR PUGU ROAD CONVERSION INDICATOR <b>80 TONNES.</b>	30	M.M.I STEEL LTD ZAMBIA CONVERSION INDICATOR <b>80 TONNES.</b>
5	BEST TIGRA MBAGALA FULLY ELECTRONIC <b>80 TONNES.</b>	31	M.M.I STEEL LTD MIKOCHEMI AXEL PAD <b>20 TONNES.</b>
6	COAST MILLER MANDELA ROAD FULLY ELECTRONIC <b>80 TONNES.</b>	32	M.M.I STEEL LTD MIKOCHEMI FULLY ELECTRONIC <b>80 TONNES.</b>
7	EAST USAMBHARA TEA TANGA CONVERSION INDICATOR <b>50 TONNES</b>	33	M.M.I STEEL LTD UGANDA FULLY ELECTRONIC <b>80 TONNES.</b>
8	ESTIM CONSTRUCTION MIKOCHEMI FULLY ELECTRONIC <b>80 TONNES.</b>	34	M.M.INDUSTRIES MIKOCHEMI FULLY ELECTRONIC <b>50 TONNES.</b>
9	ESTIM CONSTRUCTION MIKOCHEMI FULLY ELECTRONIC <b>80 TONNES.</b>	35	MIJUNGU MINES ARUSHA FULLY ELECTRONIC <b>80 TONNES.</b>
10	ESTIM CONSTRUCTION LUGOBA FULLY ELECTRONIC <b>80 TONNES.</b>	36	MURZAH (MUKVANO) PUGU ROAD CONVERSION INDICATOR <b>80 TONNES.</b>
11	FIDA HUSSEIN VINGUNGUTI FULLY ELECTRONIC <b>80 TONNES.</b>	37	MURZAH SOAP LTD. PUGU ROAD CONVERSION INDICATOR <b>80 TONNES.</b>
12	G.M. SUGAR MILLS UGANDA FULLY ELECTRONIC <b>50 TONNES</b>	38	NEELKANTH LIME LTD TANGA FULLY ELECTRONIC <b>120 TONNES</b>
13	G.M. SUGAR MILLS UGANDA FULLY ELECTRONIC <b>80 TONNES.</b>	39	NEW TRADECO METL MANDELA ROAD FULLY ELECTRONIC <b>80 TONNES.</b>
14	HANS NAIL INDUSTRIES TANGA FULLY ELECTRONIC <b>80 TONNES.</b>	40	NGOMBENI POWER LTD MAFIA ISLAND FULLY ELECTRONIC/AXEL <b>30 TONNES.</b>
15	I.P.T.L. MWENGE FULLY ELECTRONIC <b>100 TONNES</b>	41	P.N.P INDUSTRIES LTD. MIKOCHEMI FULLY ELECTRONIC <b>80 TONNES.</b>
16	IRON AND STEEL MIKOCHEMI FULLY ELECTRONIC <b>80 TONNES.</b>	42	PREMIUM AGROCHEM LTD VINGUNGUTI FULLY ELECTRONIC <b>80 TONNES.</b>
17	KAHAMA CO-OPERATIVE (KACHU) KAHAMA FULLY ELECTRONIC <b>80 TONNES.</b>	43	SAYONA STEEL LTD. MWANZA FULLY ELECTRONIC <b>80 TONNES.</b>
18	KAIZERI GENRAL SUPPLIES LINDI FULLY ELECTRONIC/AXEL <b>50 TONNES.</b>	44	SITA STEEL LTD. MANDELA ROAD FULLY ELECTRONIC <b>100 TONNES</b>
19	KAMAL STEEL LTD CHANG'OMBE FULLY ELECTRONIC <b>80 TONNES.</b>	45	STEEL MASTERS CHANG'OMBE FULLY ELECTRONIC <b>80 TONNES.</b>
20	KAMAL STEEL LTD. CHANG'OMBE ELECTRO-MECHANICAL <b>60 TONNES</b>	46	TANROAD(MIKESE) MOROGORO FULLY ELECTRONIC/AXEL <b>20 TONNES</b>
21	KERAI CONSTRUCTION LTD LUGOBA FULLY ELECTRONIC <b>80 TONNES.</b>	47	TANROAD(MUKURANGA) MUKURANGA FULLY ELECTRONIC/AXEL <b>20 TONNES</b>
22	KIBOKO PAINTS MIKOCHEMI FULLY ELECTRONIC <b>80 TONNES.</b>	48	TANROAD(USUGARA) MWANZA FULLY ELECTRONIC/AXEL <b>20 TONNES</b>
23	KILIMANJARO TRUCK CO LUGOBA FULLY ELECTRONIC <b>80 TONNES.</b>	49	TAPACK TISSUES LTD MIKOCHEMI CONVERSION INDICATOR <b>50 TONNES</b>
24	KILIMANJARO TRUCK CO MWENGE FULLY ELECTRONIC/AXEL <b>50 TONNES</b>	50	TRANSCARGO LTD KURASHINI FULLY ELECTRONIC/AXEL <b>50 TONNES</b>
25	KILOMBERO PLANTATION IFFAKARE FULLY ELECTRONIC <b>80 TONNES.</b>		
26	KIOO LIMITED CHANG'OMBE FULLY ELECTRONIC <b>80 TONNES.</b>		



# TYPES OF LOUUT CELLS





**WEIGHBRIDGE**



**PRINTER**



**PC TERMINAL  
WITH SOFTWARE**



**OPTIONAL SCORE BOARD GIANT DISPLAY**





**DIGITAL INDICATOR**



**WINTECH**  
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