



Vansh Equipments

# Vansh Equipments

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## ABOUT OUR COMPANY

Incepted in the year 2012 at delhi , india, we VANSH EQUIPMENTS are an ISO 9001:2015 Company and distinguished Manufacturer and Supplier Of Load Indicator and Measurements Products. Apart From this, We are also renowned as the Service Provider Covering Areas Like Construction & Manufacturing Industries.

Our Product and Service Range Comprises Automatic Safe Load Indicator Parts, Customized Software Development, Digital Indicator, Universal Testing Machine, Impact Testing Machine, Torsion Testing Machines. Shear Beam Load Cells AND Shank Hook.



We are an ISO 9001:2015 company with World- Class standards such as complete integrated solution approach, Quality Management Systems for all processes and experienced, skill based technical resources & trainers.

We are one of the India fastest-growing company of Sil Safe load indicator platforms, operating in 15+ countries around the world and 38+ Steat's in India.

Professionals working with us strive hard to understand the various needs of clients and fulfill them within assured time frame. We also remain in contact with our esteemed clients to improvise the products on the basis of their feedback and suggestions to retain the customer's faith in our organization.

Our complete product range is stringently examined on well-defined parameters by our quality controllers using advanced testing machines and tools. The equipment, machines and tools installed at our infrastructure are upgraded on regular time period in order to ensure their hassle free production process. Being a client centric organization, we have successfully comprehended the clients various requirements and serve them with the same. By incorporating superior quality standards, transparent dealings, ethical business policies and on-time delivery schedules, we have been successful in fulfilling the demands of clients accordingly. Under the supervision of our mentor Mr. RAJENDER SINGH , we are able to take advantage of the opportunities and consequently perform and gain from them.

# Features Of Automatic Safe Load Indicator

Automatic Safe load indicator consists of display unit with power supply, tension meter with load cell/pressure sensors, cable drum with angle and boom sensor, limit switch with weight, complete connecting wires, buzzer and hydraulic cut off system. It is micro controller based software which is compatible to work in all conditions. It is fully based and designed according to the load chart of the crane and therefore it provides full safety to the crane. Avoid accident and damage due to overload and rough operation. The crane is fitted with multiple sensors, for each of the measured parameters, which are then further displayed in the operator's cabin for his benefit. Easy installation on site and easy to handle Its works in all climate condition System is user friendly and Less power consumption. Its consist of Solenoid valve for hydraulic cutoff for better life and accurac.



## In Usde ALL Type Of Crane's



Crawier Crane



Hvdraulic crane



Manlift crane



(Army) Tatra AV-15



Truck mounted crane



Tower Crane



Hvora Crane



Bot-Gantry Crane



Army Recovery crane

# Product & Fetcher's

## Automatic Safe Load Indicator

We are engaged in manufacturing and supplying a wide assortment of Safe Load Indicators used in Cranes. Our product range is manufactured using optimum quality raw material and state-of-the-art technology at our high end manufacturing unit. These products are examined on set parameters by our quality controllers to eradicate all the flaws. Our product range can also be availed by our clients in different specifications as per their varied demands.



## Power Supply

Our product range of 'Power Supply System' is light in weight and simple to operate. It is portable and requires less maintenance as compared to conventional power supply. These products are known for their outstanding performance. Our professionals manufacture these products in tandem with international quality.



## Tension Meter

Offered assortment of 'Tensiometer' is used for calculating the load through tension on the rope of the crane. These products are an indirect way to determine the carried load of the cranes. Our product range is widely used in construction cranes for safety. Tensiometer consists of load cell and pulley and senses the load through the rope.



## Cable Reeling Drum

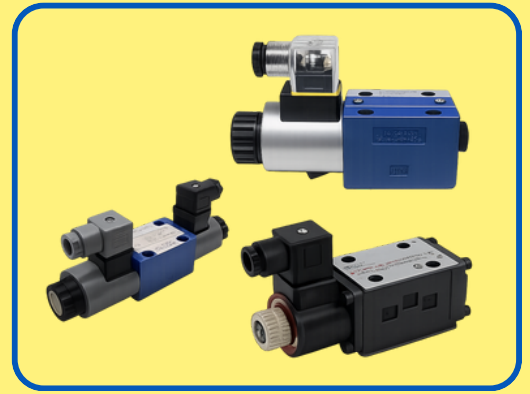
Cable Reeling Drum with Sensor' has a dual purpose, it is used for indicating the boom angle and for indicating the boom length. Our product range is fabricated using high grade raw material that is procured from reliable vendors of the market. Offered products are appreciated for their salient features like high performance and trouble free operations.





## Solenoid Valves

We have wide range of Solenoid Valves. The offered products are also known for being easy to use and robust in construction crane. Manufactured using superior quality basic material, these also have features like longer service life, dimensional accuracy and reliable performance. Owing to such features, these are widely used in varied industry applications



## Limit Switch & Weight

We are one of the leading manufacturers and suppliers of a wide range of Limit Switches with Weight. The offered range is used for protecting the hook to boom. Our complete product range is manufactured using the best grade raw material and sophisticated technology in accordance with the set industry norms. These products are highly admired among our valuable clients for its excellent performance, light weight, easy installation and longer shelf life. Offered products are also available in various specifications as per the varied needs of clients.



## Angle sensor

We are the prominent manufacturer and supplier of a comprehensive assortment of angle sensor. for the fabrication of these products our professionals make use of high grade raw material that is sourced from the reliable vendors of the industry. our product range acts as a transducer and is used for measuring pressure of gases and liquids by generating a signal as a function of the pressure imposed.



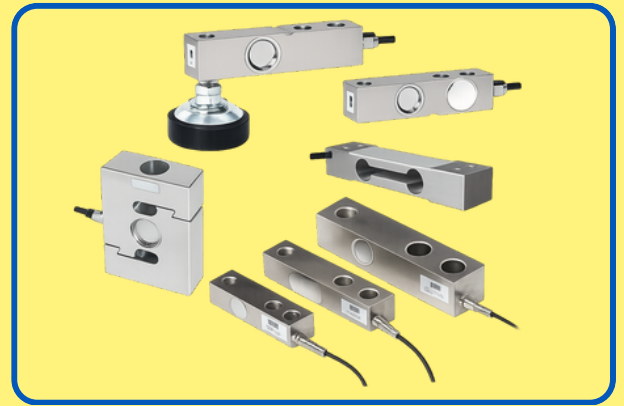
## LED Display for EOT/Gantry Crane

Our Led Board are very attractive in look and are widely used for gantry/EOT cranes. We are highly recommended for the vibrant color combinations and appealing look of these bright characters. Company offer these boards at most -affordable rate.



## Load cells

Load cell is a type of transducer which performs the functionality of converting force into an electric output which can be measured. You can find load cell at the heart of any weighing machine or electric scales. This type of transducer is highly accurate which provides user with required information that is difficult to obtain by other technology owing to certain commercial factors



## Crane scale

We offer our clients supreme quality 10kg to 10 Ton Crane Scales The equipment is mainly used in the industrial sector for lifting and measuring weight in special areas where high temperature shielding is mandatory. This equipment are easy to operate and automatic tracking option.



## Overload indicator

The weight and overload indicator is designed for easy weighing. A weight indicator shows how much load weighs and helps the operator to optimize the utilization and avoid overload. An assembly consists of: four, six or eight force sensors, wiring and indicator



## Our New Product Features

The Vansh wireless wind speed sensor (Anemometer) features a high quality 3-cup rotor anemometer rotor provides a linear response to wind speed made of a durable, lightweight material that ensures fast response and low inertia The shape, dimensions, and material of the cups contribute to accurate measurement. modular telemetry system the data transmitted by the Sensor is received by the receiver that include displays, relay modules and Buzzer.Sensor have been designed for self rechargeable battery operation and support an ultra low-power sleep mode whilst offering class leading wireless coverage and range. Sensor provide a range of high performance, compact and economical solutions with a wide range of measurement between 0.01m/sec to 52.00m/sec. Its simplicity and corrosion resistant construction make it ideal for a wide range of wind measuring applications (with warranty)



# What IS BENEFIT FOR YOU

Psychological pressure at site / operator to be safe. Remote Control

and Information- Timely corrective action Reduced down time

Performance measure-

The collected information can be converted to MIS & analyzed for-

Operator Performance Machine Performance Monitor and Train

your Operators for better performance.

Crane model	Truck mounted	Manlift	Hydra	Hydraulic	Crawler	Tower	Eot/ Gantry	Tatra AV-15	Recovery crane
Safe Load indicator	✓	✓	✓	✓	✓	✓	✓	✓	✓
Power Supply	✓	✓	✓	✓	✓	✓	✓	✓	✓
Tensiometer/Load cell	✓	✗	✓	✓	✓	✓	✓	✓	✓
Cable Reeving Drum/ Boom Sensor	✓	✗	✓	✓	✓	✗	✗	✓	✗
Limitswitch /Weight	✓	✗	✓	✓	✓	✓	✗	✓	✗
Anglesensor	✓	✓	✓	✓	✓	✓	✓	✓	✓
Wind/Speedsensor	✗	✗	✗	✓	✓	✓	✓	✓	✗
Led display	✗	✗	✗	✗	✗	✗	✓	✗	✗
Overloadcutoff/System	✓	✓	✓	✓	✗	✗	✗	✓	✗
Gearbox	✗	✗	✗	✗	✗	✓	✗	✗	✗
wireless System	✓	✓	✓	✓	✓	✓	✓	✓	✓
Tower Light	✗	✗	✗	✓	✓	✓	✗	✓	✗



# Our Clientele

We are having Sum folowing clients.





## For Customer Satisfaction

We strive hard to attain complete client satisfaction by producing and delivering high quality, engineering tools. our firm has always strived to complete the orders within the stipulated timelines. Additionally, our approach for always outdoing the client expectations has rewarded us with trust, reliability and reputation. Further, we make efforts to provide timely updates to the clients, regarding the order status. Additionally, we offer multiple payment modes to the clients, for attaining client satisfaction. And We love to unlock value for our customers. We are powered by a team of 89+ people, working across 2 continents in offices in around the India.

## Quality Assurance

Our quality assurance department is very always on alert to check all the production stages, for ensuring the flawlessness of the Vansh Equipments. we are a quality oriented firm and we have always delivered flawless. Additionally, we procure the raw materials from very reliable vendors in the market, to maintain high quality of engineering Sli, our Vansh Equipments is made as per the international norms and machine designs.





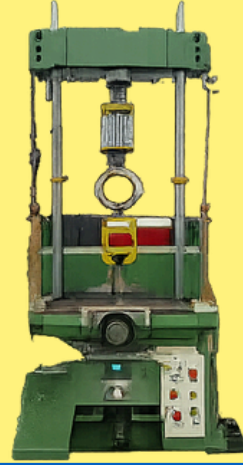
# We also deal's in hydraulic machine



**Pull Out Testing Machine**



**Hydraulic Press Machine**



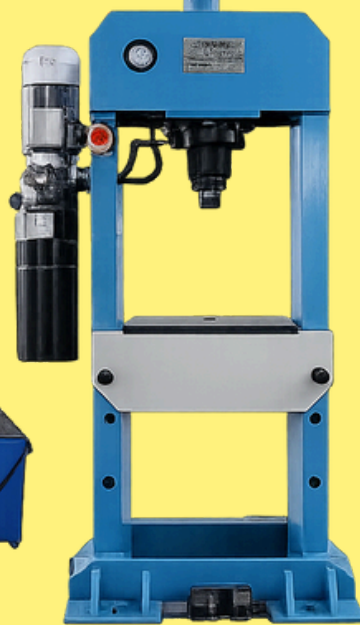
**Spring Testing Machine for Coil Spring's**



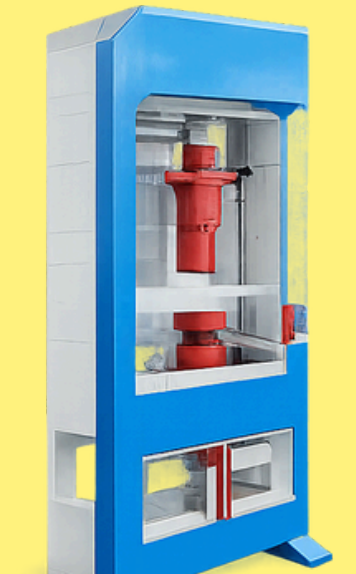
**Hydraulic pneumatic testing machine**



**Automatic Hydraulic Press Machine**



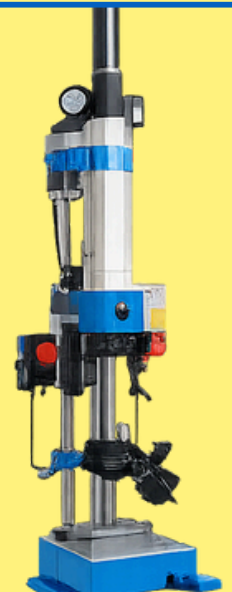
**Semi Automatic Hydraulic Press Machine**



**Automatic Hydraulic Press Testing Machine**



**Computer Control Electro-Hydraulic Servo Universal Testing Machine**



**Hydraulic Iron Automatic Tikki Fitting Machine**

# About Our Managing Director

The Proprietor of Vansh Equipments is Mr. RAJENDER SINGH, Mechanical Engineering From Nepal University who is specialises in All Kind Of Mechanical Work & Machine work, then he came to India and completed his graduation from D.S.B Campus, KUMAUN UNIVERSITY. After graduation in 2005 he came to join (hytech Micro Measurement) as a head mechanical engineer and started manufacturing industrial cable drum, industrial limit switch, industrial pressure testing machine, hydraulic pressure testing machine, universal hydraulic machine, industrial tensionmeter, Wind Sensor, Power Supply & (SLI) safe load indicator. After 5 years experience he decided to open his own business. Then he came to Delhi in 2012 and registered Vansh Equipments, for manufacturing his own branded products.



## NOTE


Crane operations would be safe if the machine is properly set up, properly inspected and maintained, used within the operational limitations established by the manufacturer, and the load safely rigged. Always use safe rigging practices. Remember that the key to crane safety rests with a qualified operator who understands the equipment limitations, knows how to interpret a load chart and, most importantly, is experienced. The Safe Load Moment Indicator System is an AID to the crane operator. It can never substitute the operator's good judgment, experience and recommended safe crane operating practices. The Operator is solely responsible for safe operation of the crane. The operator is advised to perform necessary checks / programming of the Safe Load Indicator System before attempting each lift. If not done, the system may not operate correctly and may fail to alert the operator of any approaching overload condition. This manual should be thoroughly read and understood before attempting the crane operation.

(An Iso certified 9001:2015)

# VANSH EQUIPMENTS

**YOUR SAFETY OUR MOTTO**

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