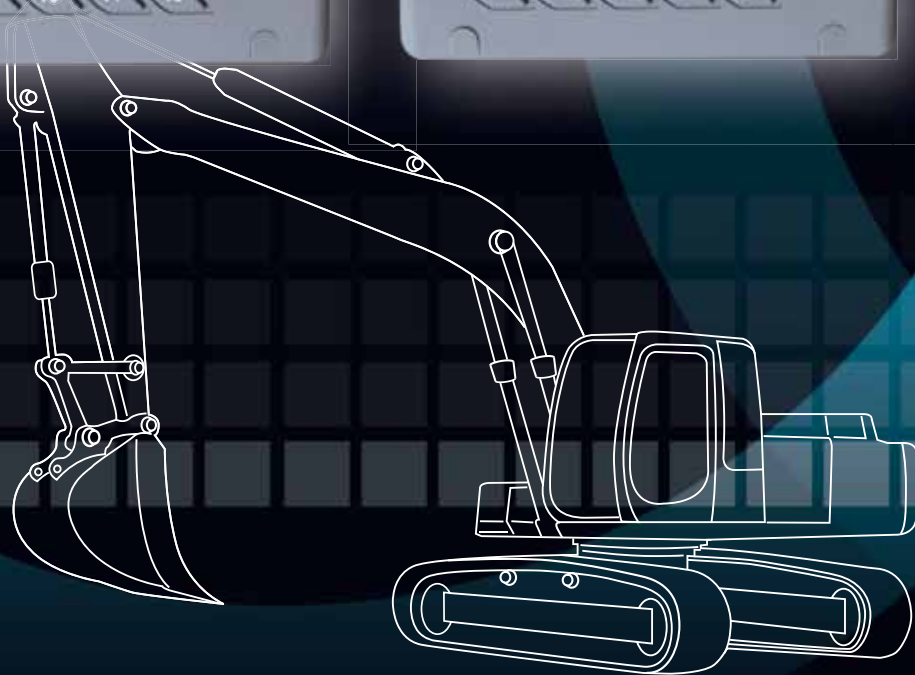


# I.View Line Systems for Excavators





The 3B6 Cobo Group understand that today the key words in the mobile machinery market are "FLEXIBLE and COST EFFECTIVE". This is the reason why we created the I View System.

The Intelligent View (I.View) display is a full color monitor, that coupled with the appropriate sensors, allows you to begin with a base system and build it up to suit your needs.

This concept lead us to building a plug and play format, that from a single display can host a 2D Digging system, Weighing system and the unique combination Digging & Weighing software all in one.

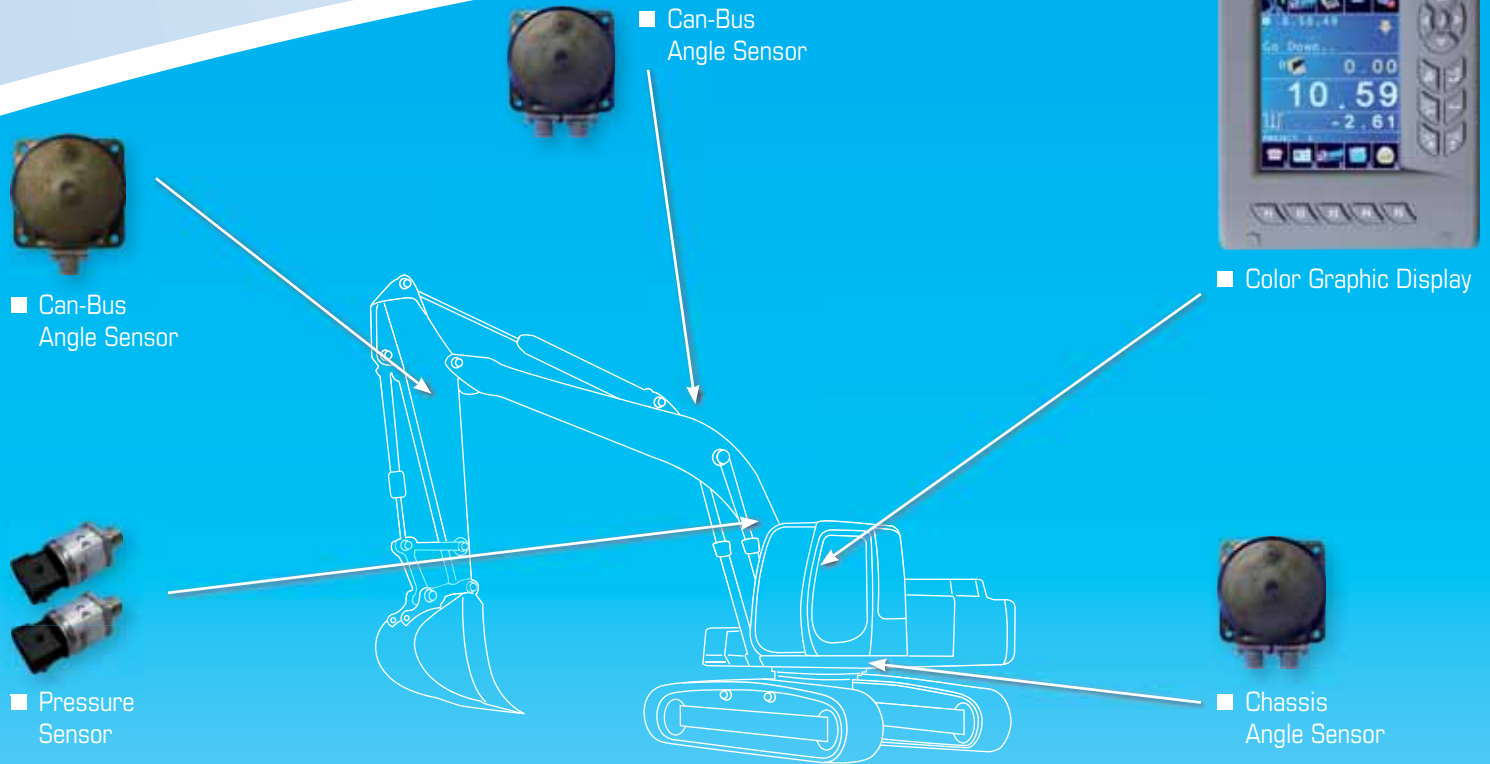
We are able today, to supply in a single solution, from an easy weighing system to a 360° digging control system, that includes vertical dynamic weighing.

### Main Features:

- The I.View Weighing System is the result of many years of experience in weighing & management systems for Excavators
- The I.View Weighing System has a unique icon based software and color display
- The I.View Weighing System is essential for quarries and mines without weighing bridges and equally ideal for sites where the weighbridge is a significant distance from the loading area.
- The I.View Weighing System speeds up the

loading operation by achieving the maximum filling capacity of the truck first time, reducing laps to the weigh bridge.

- The I.View Weighing System increases productivity of your machine by performing weigh accuracy within  $\pm 3\%$  when loading loose materials
- The I.View Weighing System increases productivity and consequent profit from each job
- thanks to its revolutionary loading and management technology.
- The I.View Weighing System has an industry leading self learning calibration function that drastically reduces the system implementation time
- The I.View Weighing System stores and manages daily/weekly totals
- The I.View Weighing System is capable of tracking different materials on the same truck
- The I.View Weighing System features an easy to understand colour display showing the key functions of the system. The display has built in adjustable brightness and 3 selectable alarms (1 for date & 2 for time) for operator convenience.
- The I.View Weighing System is capable of managing a programmed data base of up to:
  - 500 clients
  - 500 license plates
  - 100 projects
  - 50 operators
  - 200 materials



**weighing**



# I.View Line: depth

## Main Features:

### Display

- Color display for easy view in direct sun of light
- Fully adjustable support for unit orientation
- Real-time bucket rotating display
- Excellent accuracy

### Hardware

- Real Time Canbus technology connection
- Laser catcher equipped and relative digging mode selectable (Laser Catcher Optional)
- Chassis sensor for chassis inclination compensation (Optional Sensor)
- IP67 environmental protection sensors
- Deep Sea Boom, stick and bucket sensor IP69 with underwater connectors and in stainless steel housing (optional)

- Housing for heavy duty environments
- Integrated led display section with green and red lamps for "on grade" and "up/down" conditions indication and multifrequency associated beeper
- Canbus & serial output for upgrading the unit to an external 3d / GPS system

### Software

- Icon based software for an easy understanding of the key functions
- Profile function up to 9 segments
- Dual depth setting – Setting of digging quote
- Configuration of up to 10 machines calibrations
- Configuration of up to 9 buckets for each machine
- Real-time depth reading
- Setting up positive or negative slope
- Self learning of existing slopes
- Alarm setting for maximum height or depth
- Dual slope capabilities for 360° working area



■ Color Graphic Display



■ Laser Catcher



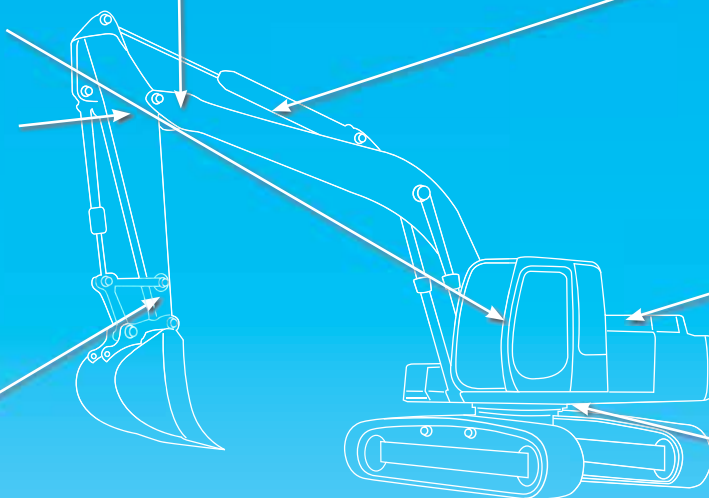
■ Main Boom Angle Sensor



■ Dipper Stick Angle Sensor



■ Bucket Angle Sensor



■ Rotation Sensor Unit

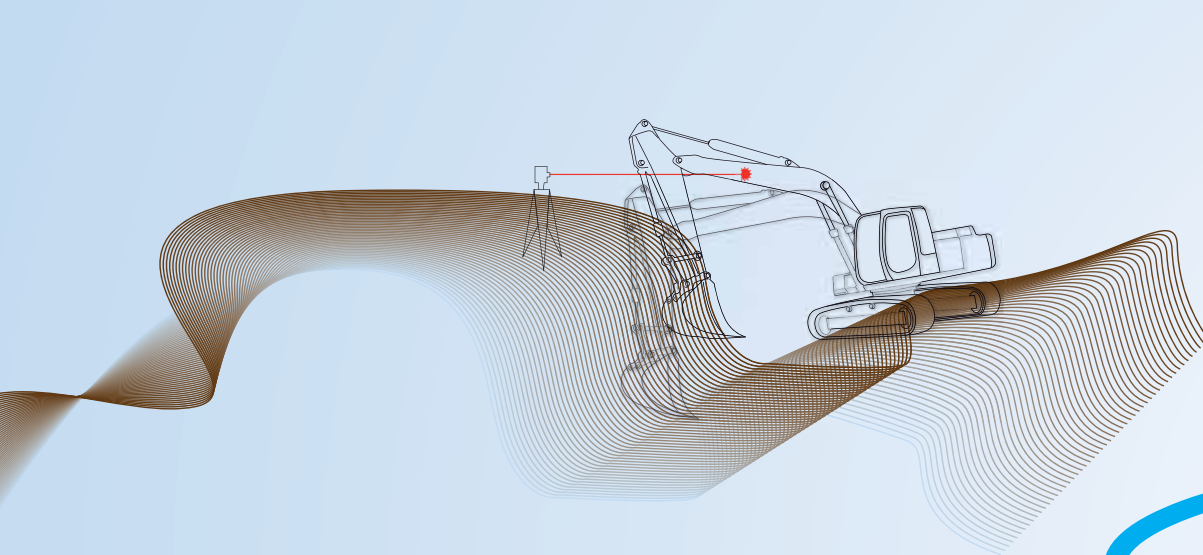


■ Chassis Angle Sensor

depth



# I-View Line: digger



■ Laser Catcher



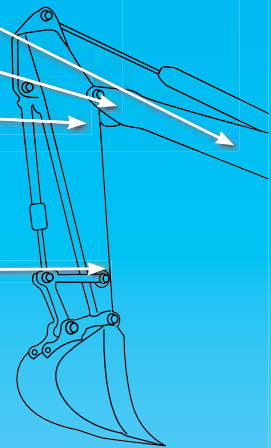
■ Main Boom Angle Sensor



■ Dipper Stick Angle Sensor



■ Bucket Angle Sensor



depth





# I-View Line: digger

## Display Technical Features

### Electrical Characteristics

Power Supply: 9 ÷ 30 Vdc (Operates on vehicle power supply directly)

### Mechanical Characteristics and Ratings

- Housing: Plastic
- Protection: IP65
- Operative Temperature Range: -30°C / +80°C [-22°F / 176°F]
- Storage Temperature Range: -30°C / +85°C [-22°F / 185°F]

### Technical Reference

- SD card
- Backup and Management of Loading and Customers Data



■ Color Graphic Display



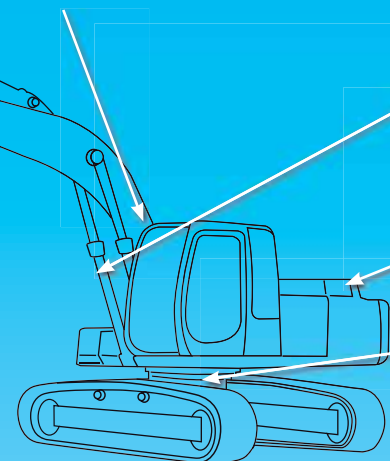
■ Pressure Sensor



■ Rotation Sensor Unit



■ Chassis Angle Sensor



**weighing = digger**



# I.View Line options

- I.View Data Management Software



- Ticket Printer



- Roll Printer



- Stainless Steel Sensor





# Worldwide Sales Network



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