I. View Line
Systems for Excavators
3B6 Cobo Group understand that today the key words in the mobile machineries market are “FLEXIBILITY and MODULARITY”. This is the reason why we created the I View, where “I” stands for Intelligent View display, a full color monitor, that coupled with proper sensors and cables, allows you from a base system, to build up a more complex system for excavator till it covers your field of application.

This ideal brought us to build, in a plug and play format, a single display hosting 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 lifts.

Main Features:

• I.View is the result of many years of experience in weighing systems for excavators
• I.View is essential for quarries and mines without weighing bridges, ideal as backup for weighing bridges equipped plans located far away from the loading area
• I.View speeds up the loading operation achieving the maximum filling capacity of the truck, reducing laps to weighing bridges, avoiding truck over and under loads performing dynamic vertical lifts
• I.View increases productivity of your machine by performing weigh accuracy within ±3% when loading loose materials
• I.View has an outstanding self learning calibration that reduces drastically the system implementation time
• I.View thanks to its revolutionary loading and management technology, increases productivity and consequent profit of your daily job
• Up to 2 machines calibrations
• Data Management for weighing
Main Features:

- Color display for easy view in direct sunlight
- Icon-based display for easy understanding of the key functions
- CAN Bus & Serial Output for upgrading the unit to an external 3D/GPS system
- 360° rotation digging control system
- Laser and relative digging mode selectable
- Chassis sensor for chassis inclination compensation
- Profile function up to 9 segments
- Dual depth
- Up to 2 machines calibrations
- CAN-BUS provided sensors
- Real-time depth reading
- Setting of digging quote
- Setting up to 100% positive or negative slope
- Self-learning of existing slopes
- Alarm setting for maximum height or depth
- Real-time bucket rotation displaying
- 9 different storable attachments configuration
- Dual Slope capabilities for 360° working area
- Excellent accuracy
- Static angle sensors microcontroller operated
- Built-in CAN BUS serial link
- Up to 50,000 g (sensor chip) shock resistance
- Laser catcher equipped
- IP67 environmental protection sensors
- Deep Sea Boom, Stick and bucket Sensor IP68 with underwater connectors and in Stainless Steel Housing
- Housing for Heavy Duty Environments
- Connection between sensors and central unit by means of single cable thanks to pass-through link technology
- Integrated LED display section with green and red lamps for “on grade” and “up/down” conditions indication and multifrequency associated beeper
- Graphic color display and full adjustable ram support for unit orientation
Slim Line: digger

- Laser Catcher
- Bucket Angle Sensor
- Dipper Stick Angle Sensor
- Main Boom Angle Sensor
- Junction Box
Display Technical Features

Control System
Microprocessor Freescale 16bit, 25 MHz
• RAM memory 364KB program data
• RAM memory 160 KB frame buffer
• Flash memory 256 KB for software
• Flash memory 1 MB fonts and icons storage
• EEPROM 3 KB for Parameters Storage
• Real time clock with 240 byte RAM and rechargeable backup battery

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

Mechanical Characteristics and Ratings
• Housing: Plastic
• Protection: IP65
• Operative Temperature Range: -20°C / +70°C [-4°F / 158°F]
• Storage Temperature Range: -30°C / +80°C [-22°F / 176°F]
## Worldwide Sales Network

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