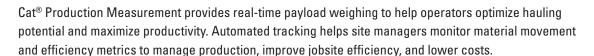
Cat Production Measurement

for Articulated Trucks



PRODUCTIVITY / EFFICIENCY

- Increase productivity real-time payload weighing and instant feedback keeps haul trucks fully loaded, moving, and productive – and the fleet working at optimum potential.
- Work confidently, without guesswork in-cab monitor displays payload weight and status, and external lights automatically signal loader operator when target payload is achieved.
- Enhance hauling capability load trucks to capacity without overloading; move more material in fewer cycles.
- Improve jobsite efficiency, lower costs optimize machine use; reduce over- and under-loading, component wear, and cycles; save time, labor, fuel, and costs.
- Track material movement track production from the cab with quick access to daily weights, loads and cycle counts, and totals.
- Manage your operation site managers can view payload data online via VisionLink® to monitor production and efficiency metrics, and manage the business.

INTEGRATION

- Built-in reliability integrated sensors, components and display; ensuring reliable operation and accurate results.
- Easy operation integrated into machine display to simplify viewing and navigation.
- Optimized performance on-board processors and fast response sensors deliver precise realtime payload weighing.
- World-class support Your Cat dealer can help you get set up, calibrated, and working efficiently.



AVAILABILITY

725C | 730C | 730C EJ 735C | 740C EJ | 745C

Consult your Cat dealer for factory and aftermarket offerings.

APPLICATIONS

- · Site prep work
- · Road building
- Quarry and aggregates
- Sand and gravel
- Mining

ACCURACY

 Within 5% over a shift, depending on site conditions, material type, and calibration setup.



FEATURES AND DISPLAY

Advanced weighing features and easy-to-view display and payload status indicators assist with payload accuracy and speed the loading cycle.

- Real-time weighing displays immediate load weights in the cab and continuous payload weight during travel.
- Carry-back compensation calculates material not dumped with last weighed load for accurate production values.
- Empty weight calibration allows the operator to re-zero empty weight of truck and compensate for drifting.
- Daily reporting view daily totals from the cab, plus productivity and efficiency metrics via VisionLink.

- Color display integrated in-cab display provides clear view of payload data and unobstructed view of work area.
- Resettable trip and materials totals tracks production by operator, jobsite, and material type.
- External payload lights green and red indicator lights signal real-time load status to loader operator: empty, partial, last pass, and fully loaded.

EXTERNAL PAYLOAD STATUS LIGHTS

| INDICATOR | LOAD STATUS | |
|-----------------|------------------------------|-----------------|
| OFF | NO LOAD or TRAVELING ≥ 3 mph | |
| GREEN | PARTIAL | ≥ 5 tons to 74% |
| RED Flashing | LAST PASS | ≥ 75% to 95% |
| RED Solid | LOADED | ≥ 96% Loaded |

PRODUCTIVITY AND EFFICIENCY REPORTING

| REPORTING METRICS | Cab | Office* |
|--|-----|---------|
| Total Payload Weight | • | • |
| Total Load Count | • | • |
| Cycles | • | • |
| Loads per Hour | • | • |
| Avg Payload/Hour or Avg Payload/Cycle (Productivity) | | • |
| Avg Payload/Fuel Unit (Efficiency) | | • |

*VisionLink office

PRODUCTIVITY MONITORING

- Automatically track material movement, monitor daily progress, and make timely decisions to keep the operation running at peak efficiency via LINK technologies using online VisionLink Payload Reporting.
- View trends to help improve bidding accuracy and profitability.



RETROFIT OPTIONS

C-Series trucks ordered mid-2015 and later include integrated mounting points and wiring harness for easy upgrading with a sensor and hardware kit.

Contact your Cat dealer for ordering and installation.









CAT CONNECT I PRODUCTIVITY

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www.cat.com

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