

# Cat Production Measurement for Articulated Trucks



Cat® Production Measurement provides real-time payload weighing to help operators optimize hauling potential and maximize productivity. Automated tracking helps site managers monitor material movement and efficiency metrics to manage production, improve jobsite efficiency, and lower costs.

## 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 real-time 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.

## 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.



## 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

## 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 | PRODUCTIVITY

## BUILT FOR IT.™

[www.cat.com](http://www.cat.com)

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