

# Truck Production Management System for Off-highway Trucks



Truck Production Management System is a productivity boosting Cat® Connect PAYLOAD technology that helps operators measure and deliver accurate payloads to optimize hauling efficiencies and lower costs for an improved operation.

## PRODUCTIVITY / EFFICIENCY

- **Increase productivity** – eliminate the guesswork with real-time weighing while loading.
- **Work confidently** – without guesswork; check weight and progress from the cab at a glance on the standard cab display. Loader can use the exterior loading lights.
- **Work efficiently, every cycle** – load to exact specification without under or overloading; load more trucks faster; move more material; generate more revenue.
- **Improve jobsite efficiency** – lower costs; optimize machine use and establish loading patterns; reduce rework, cycles; save time, labor, and fuel cost.
- **Enhance hauling capability** – minimize overloading and load to capacity to make optimum use of each truck.
- **Track material movement** – operators can track daily production of weights, load and cycle counts, and totals from the cab. Managers can view production totals and efficiency metrics online to manage the business.

## INTEGRATION

- **Built-in reliability** – factory-installed sensors, components and display ensures reliable operation.
- **Easy operation** – built into machine display to simplify viewing and navigation.
- **Optimized performance** – Caterpillar designed and integrated into Cat OHTs for precise weighing with world-class accuracy.
- **World class support** – Cat dealers can help you get set up, calibrated, and working efficiently.

## AVAILABILITY

G Series | F Series | E Series | D Series

## APPLICATIONS

- Materials producers: mining, aggregates, sand and gravel, cement and asphalt plants.
- Heavy civil: long haul distances for site work and road development.

## ACCURACY

- Precise weighing with an accuracy of +/- 5% over a shift depending on strut maintenance, machine calibration, and site conditions.



LOAD LIGHTS  
(ALL)  
OR  
INDICATOR DISPLAY  
(777 ONLY)



INTEGRATED  
ADVISOR DISPLAY



SUSPENSION  
SENSORS ON  
EACH STRUT  
(4 TOTAL)

## FEATURES AND DISPLAY

Truck Production Management System is a valuable and cost effective PAYLOAD technology.

- **Real-time weighing** – calculates payload and brings weighing values to the cab.
- **Cycle segmentation** – detailed cycle information available to enhance fleet production, download with VIMSpC.
- **Automatic adjustment** – system adjusts the empty weight relative to fuel levels, carryback and debris on the underside of the truck.
- **Assists with** – Payload Management Guidelines 10-10-20 rule, reference AEXQ0250-03.
- **Resettable totals** – number of loads, weight, distance traveled, and travel time.
- **External light indicator** – loader can easily visualize when truck is loaded to capacity. Indicator display available for 777.
- **Last pass** – light indication to signal loader one more pass is need to reach capacity.

## PRODUCTIVITY MONITORING

- **Automatically track** material movement, monitor progress, and make timely decisions to keep the operation running at peak efficiency via LINK technologies using online VisionLink® (G-Series trucks only).
- **Detailed** production reports for payload and cycle segmentation production is available using VIMSpC.
- **View trends** from previous jobs to create more accurate bids for future projects.



## PRODUCTIVITY AND EFFICIENCY REPORTING

### G-Series Trucks only

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)		•

\*Cycle segmentation data is available with VIMSpC



CAT CONNECT | PRODUCTIVITY

## BUILT FOR IT.™

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