

Cat Production Measurement

for Wheel Loaders



Cat® PAYLOAD technologies provide on-the-go weighing to assist operators with hitting precise load targets. Cat Production Measurement brings payload weighing to the cab so operators can work more productively and deliver accurate loads with confidence.

PRODUCTIVITY / EFFICIENCY

- **Increase productivity;** weighs while lifting with no interruptions in loading cycle; make quick load adjustments before leaving stockpile; improve speed and consistency for operators at all experience levels.
- **Work confidently,** without guesswork; check weight from the cab while at the stockpile; view bucket, truck and target weight, pass count, and progress at a glance on standard cab display.
- **Work efficiently, every pass;** 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 utilization; reduce rework, cycles, and return trips to the yard; save time, labor, fuel, costs, and overload fines.
- **Enhance jobsite awareness;** monitor shows rear camera view during reverse travel; simultaneously displays payload data.
- **Track material movement;** operators can track daily production from the cab—weights, load and cycle counts, and totals; and print truck payload tickets on optional printer. Managers can view payload details and key performance indicators online to help manage the business.

INTEGRATION

- **Built-in reliability;** uses existing sensors and display to reduce costs and cab clutter and ensure reliable operation.
- **Easy operation;** integrated into machine display to simplify viewing and navigation.
- **Optimized performance;** Caterpillar designed and integrated into Cat loaders for precise weighing.
- **World-class support;** Cat dealers can help you get set up, calibrated and working efficiently.

AVAILABILITY

924K	950L	950M	986K
930K	962L	962M	988K
938K	966L	966M/M XE	990K
926M	972L	972M/M XE	992K
930M	980L	980M	994K
938M		982M	

Availability varies by region.
Consult your local dealer for details.

APPLICATIONS

- Materials producers: mining, aggregates, sand and gravel, cement and asphalt plants
- Metals industries: mills, smelters, scrap processors
- Municipal: waste and recycling: transfer stations





*MODES & FEATURES FOR SOFTWARE RELEASE 2.0

Advanced weighing modes assist with payload accuracy and speed the loading cycle.

MODES

- **Low-Lift-Weighing** – provides a quick estimate of bucket payload without lifting through entire weigh range; can tip-off material sooner to speed loading.
- **Tip-Off** – allows the operator to make final-pass load adjustments and quickly view adjusted weights in real-time; two modes—at the stockpile, or at the truck.
- **Simple Calibration Tuning** – allows operator to fine-tune system to weighbridge scale.
- **User Interface** – allows the operator to select between two user interface modes in the Settings Menu: Normal and Simplified.
- **Payload List Management** – add or delete favorite materials and trucks from the onboard lists through the display.

FEATURES

- **Touchscreen Display** – integrated in-cab design; gives operator a clear, line-of-site view of payload data and work area.
- **Trip/Materials Totals** – track production by shift/day/week and material type; resettable totals: TripA, TripB, Materials.
- **Expanded Memory** – store up to 250 truck and 250 material IDs in onboard lists. Store up to 3500 truck loads.
- **Overload Alert** – notifies operator on-screen or manager via VisionLink® when bucket load exceeds payload limit.
- **Easy Main Calibration** – step-by-step on-screen instructions for precise performance in as little as 30 minutes.
- **Onboard Printer** – (optional) print truck payload tickets plus truck and material summary reports in the cab for daily record keeping and shift reporting.

PRODUCTIVITY MONITORING

- **Automatically track** material movement, monitor progress, and make timely decisions to keep the operation running at peak efficiency via wireless LINK technologies and online VisionLink Payload Reporting. Visualize payload/production detail and key performance indicators on-line; and export comprehensive data with optional subscription to Cat Advanced Productivity. Download data to laptop with VIMS™pc cable and software.



*Not all features are available on all models. Consult your local dealer for details.

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PRODUCTIVITY AND EFFICIENCY REPORTING

REPORTING METRICS	Cab	Office
Total Payload Weight	•	•
Total Truck Load Count	•	
Cycle/Pass Count	•	•
Idle Time %	•	
Avg. Payload/Hr or Avg. Payload/Cycle Avg. Payload/Fuel Unit	•	•
Summary Reports	• ¹	• ²
Detail Reports	• ¹	• ²

¹With optional printer

²With optional Advanced Productivity subscription

*DEMO MODE: 250 Hours

Try it for up to 250 hours and see how quickly you can improve loading cycle efficiency, reduce costs, and add more value to your operation. If our payload system doesn't meet your needs, you don't pay for the permanent software license. See your dealer for Demo Mode details and software option prices.

Advanced Productivity

Add-on feature to CPM 2.0, includes cycle segmentation and transactional payload data available for view and download through VisionLink. Requires an Advanced Productivity subscription in VisionLink and a cellular connection.

