

4WD Loader Payload Scale



OPERATOR'S MANUAL

4WD Loader Payload Scale

OMT433567 ISSUE K2 (ENGLISH)

CALIFORNIA

Proposition 65 Warning

Diesel engine exhaust and some of its constituents are known to the State of California to cause cancer, birth defects, and other reproductive harm.

If this product contains a gasoline engine:

⚠ WARNING

The engine exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

The State of California requires the above two warnings.

**Worldwide Construction
And Forestry Division**
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Prevent Fires

Handle Fluids Safely: All fuels, most lubricants, and some coolant mixtures are flammable. Store flammable fluids away from fire hazards. Never refuel machine while smoking or when near sparks or flame.

Clean Machine Regularly: Keep flammable debris (trash, leaves, twigs, straw, and other debris) and grease and oil from accumulating in engine compartment and away from fuel lines, hydraulic lines, exhaust components, and electrical wiring. Never store oily rags or flammable materials inside a machine compartment.

Maintain Hoses, Tubes, and Wiring: Replace hoses and tubes immediately if they begin to leak. Clean up any oil spills. Examine electrical wiring and connectors frequently for damage.

Keep a Fire Extinguisher Available: Always keep a multipurpose fire extinguisher on or near the machine. Know how to use an extinguisher properly.

Be Aware of the Operating Environment: Airborne debris may contain sparks or embers. Do not operate near any flame.

Lithium-Ion Battery Safety:

- To reduce the risk of fire or burns, do not attempt to open, disassemble, or service the display unit. Servicing of this unit is to be performed only by an authorized dealer. There are no user-serviceable parts inside the display unit. Accessing the inside of the equipment will void the warranty.
- Do not remove or handle a damaged or leaking Lithium-Ion Polymer battery.
- Do not crush or puncture battery, short battery contacts, or dispose of battery in fire or water.
- Do not expose to temperatures above 60°C (140°F).



Handle Fuel Safely

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Clean Machine Regularly

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Carry a Fire Extinguisher



Caution

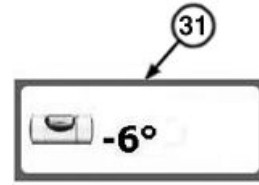
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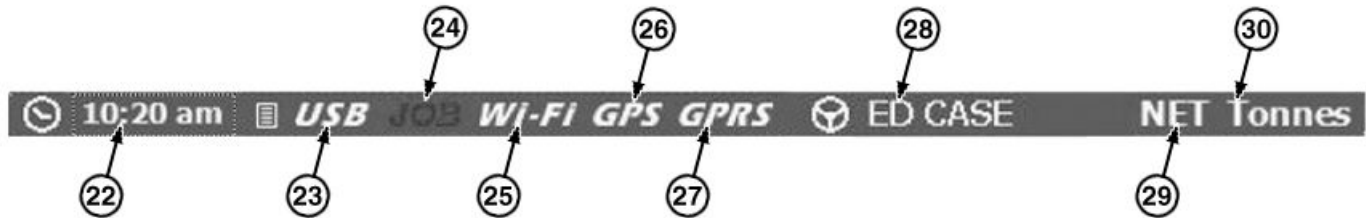
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The chassis angle indicator (31) displays the chassis angle of the machine. The indicator can be configured to replace a reference store in the job reference store tab. See Reference Stores. (Section 2-2.)



Job Reference Store Tab

31— Chassis Angle Indicator



TX1281282A

Display Status Bar

- | | | | |
|----------------------|---------------------------------|--------------------------|---------------------|
| 22— Clock | 25— Wi-Fi Connection | 28— Current Driver ID | 30— Unit of Measure |
| 23— USB Memory Stick | 26— GPS Reception | 29— Preset Tare (PT) Set | |
| 24— Isosync Job | 27— Cellular Network Connection | | |

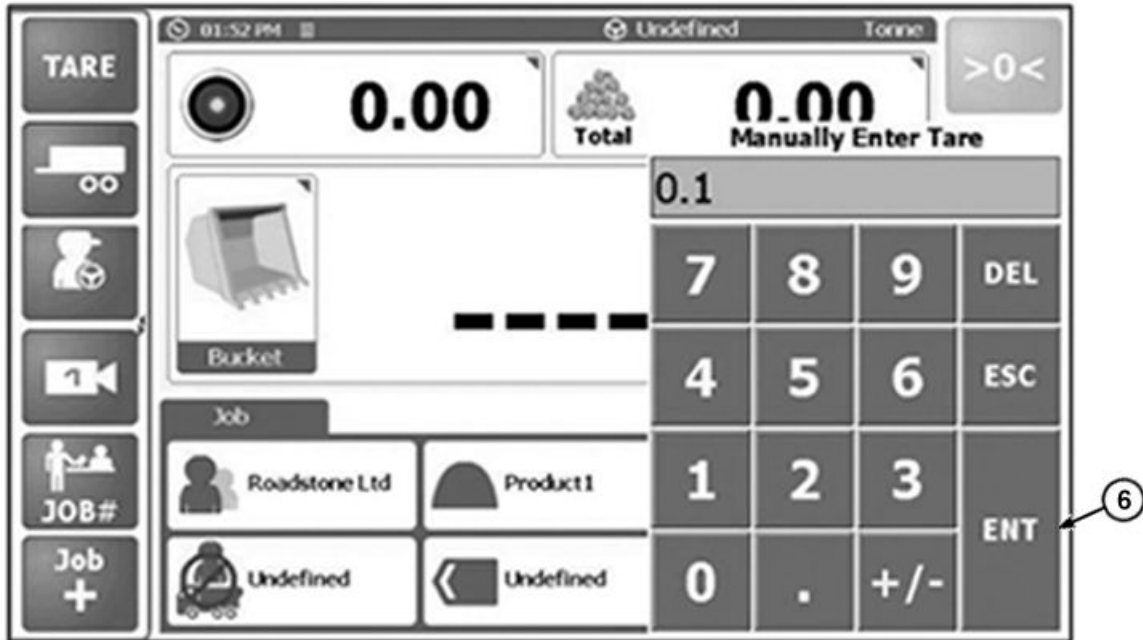
IMPORTANT: DO NOT use a sharp-pointed object because the screen can become damaged beyond repair.

Do NOT wipe using a dirty cloth or gloves. To properly clean the screen, use computer screen wipes.

Do NOT wipe or otherwise attempt to clean using any kind of a solvent cleaner.

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Tare Entry

6—ENT Option (enter)

3. Enter the empty container weight and confirm the entry by pressing the ENT option (6).

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Job List



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Advanced Payload System (APS) Monitor

2— JOB# Option (job list)

To select jobs, the operator can either choose from five permanent presets or enter jobs manually.

Each job in the list shows the following information:

- Job name
- Target load or total loaded
- Reference store names for references 1, 2, and 3

Manually Selecting a Job From the Job List

The job list can be viewed by pressing the JOB# option (2) on the home screen of the advanced payload system (APS) monitor.

Jobs can be selected in any order.

Once a job is selected, it will not need to be completed and cleared before beginning another job. This feature allows the operator to both perform and log multiple loading tasks.

Continued on next page

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Setup Menus

Operator Menu

Navigate through menu: **SETUP >> OPERATOR LEVEL SETTINGS.**

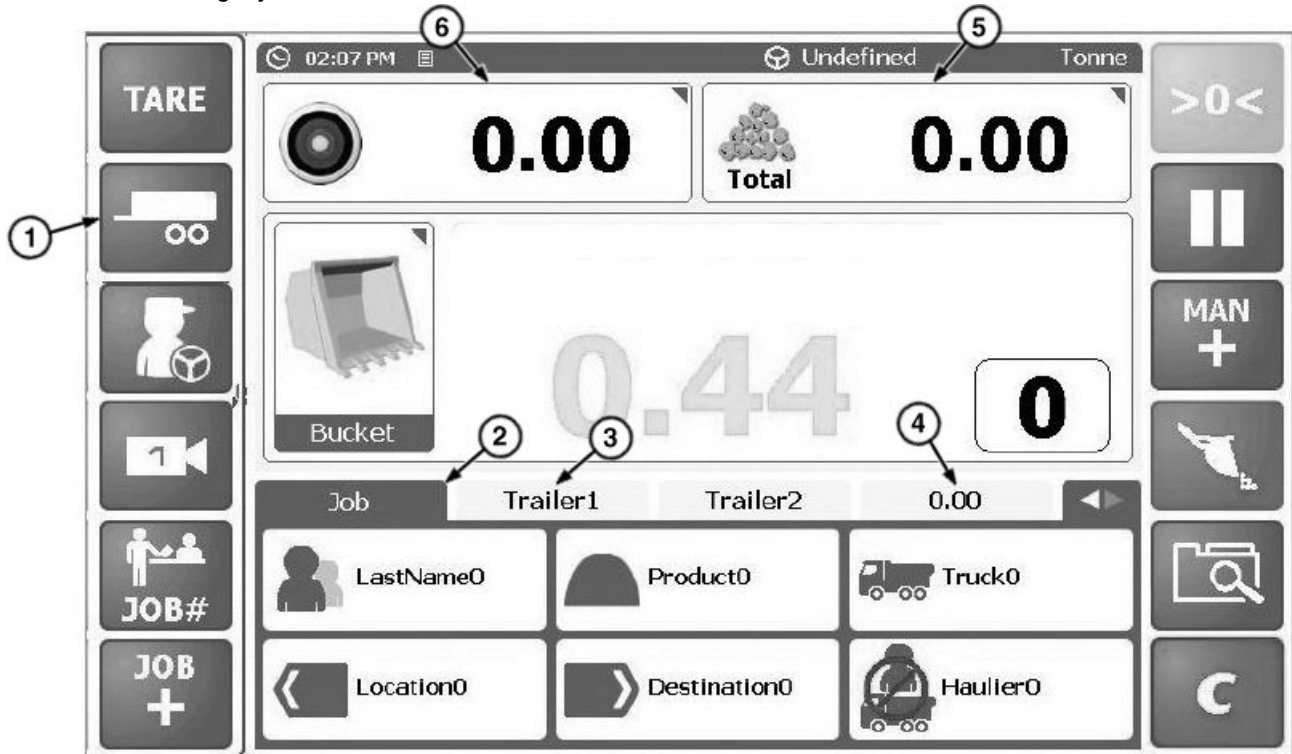
The Operator menu allows operator to change settings and view software versions.

OPERATOR Menu Items				
Menu Items		Submenu Items	Value	Description
TIME AND DATE	> >	Set Time and Date		Allows operator to set or change time and date in the monitor.
VOLUME	> >			Allows operator to set or change volume of the notifications and alarms in the monitor.
BRIGHTNESS	> >			Allows operator to change the monitor brightness level or set to AUTO brightness. If AUTO brightness is selected, monitor brightness will vary according to the ambient light conditions.
STANDBY	> >	Enabled/Disabled		Puts payload scale in standby mode.
CALCULATOR				Operator can use a standard calculator via the monitor.
CAL. NUDGE	> >	MEASURED	tons or tonnes	Allows operator to adjust the initial weight calibration. This may be done if load readings are different from the weight scale reading or after maintenance or repair to the loading shovel.
		ACTUAL	tons or tonnes	
		CALCULATED CORRECTION	%	
DIAGNOSTICS				Shows program diagnostic and statistical information.
EVENT TRAIL	> >	PRINT ALL		Lists any changes made since initial calibration to weight calibration factors and the sensors and sampling setup settings.
ABOUT SYSTEM	> >	WINCE SOFTWARE	IS253000revxx	Information about payload scale system and software. Displays most up-to-date software.
		PIC SOFTWARE	IS00200revxx	
		DATABASE SOFTWARE	DBIS100xxxrevxx	
		WEIGHING MODULE	LX100xxxrevxx	
		SOFTWARE	IS100xxxrevxx	
		ISOCAN SOFTWARE		
		OTHER SOFTWARE		

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Split Loading

The split loading function enables the operator to load multiple vehicles as a single job.



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Display Home Screen

- 1— Split Loading Option
- 2— Job Tab Option
- 3— Trailer1 Tab Option
- 4— Combined Load Total Option
- 5— Total Option (already loaded)
- 6— Target Option (left to load)

The Job tab option (2) is used for the first loading vehicle or trailer and the Trailer1 tab option (3) is used for any additional vehicles or trailers.

To load each vehicle in turn, press the appropriate tab. The reference stores and target weight can be set independently for each vehicle. The operator can switch between vehicles as required.

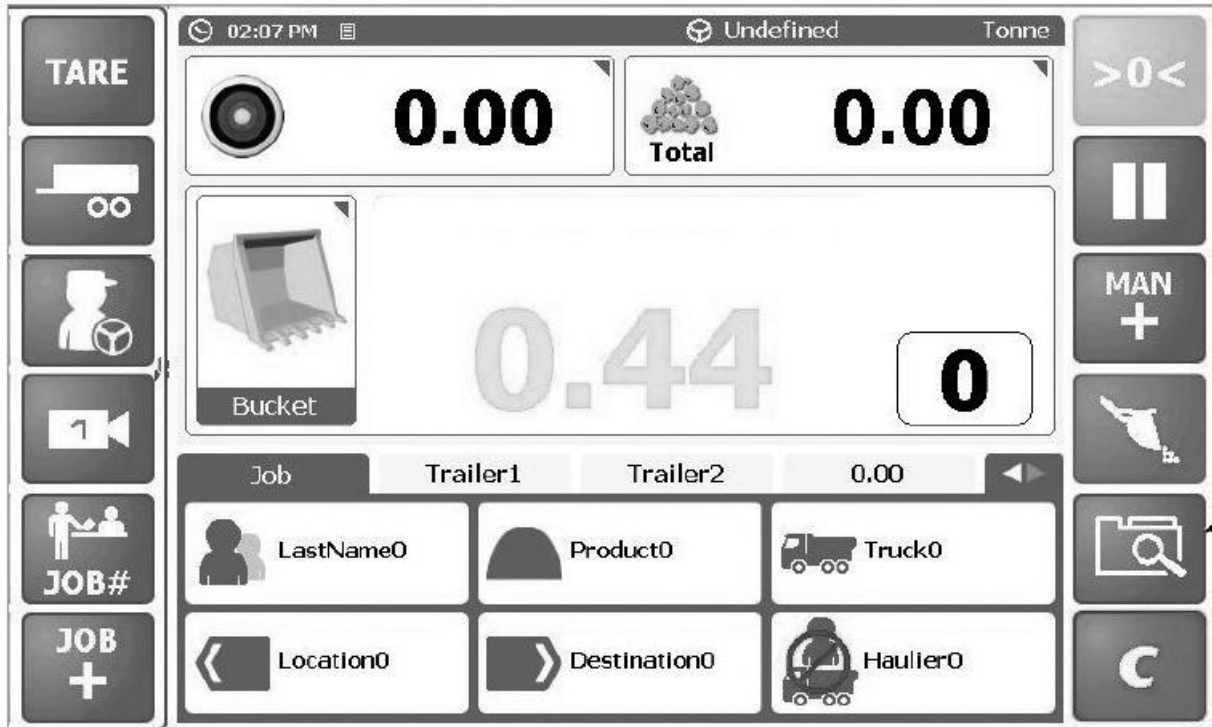
Add Trailer

To add a trailer to the load, press the split loading option (1) and then follow the on-screen instructions.

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Job Records



Home Screen

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2— Job Search Option

The database can be searched using the job search option (2) to create the following reports:

Report Type	Description
Job Report	A list of each job record with load data.
Summary Report	A list of weight totals and number of loads for each reference store.
Detailed Report	A list of weight totals and number of loads for each combination of reference stores.

All reference store criteria contain the following three options:

Option	Description
ALL	Include all items in the reference store in the search.
NONE	Exclude all items in the reference store from the search.
SELECTED	Include only the selected items in the reference store in the search.

Filter the search by using the following criteria:

- Job Number
- Truck
- Location
- Destination
- Product
- Ticket Number
- Customer
- Driver
- Time Period

The time period criteria contains the following options:

- Today
- Yesterday
- Last Week
- Last Month
- Between
- ALL

The between option allows the operator to create a report within a specific time period.

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