

EARTHTRACK® PAYLOAD MANAGEMENT SYSTEM



Purpose & Benefits

PURPOSE

Owner and users of mining trucks are looking for solutions to better manage the truck payload. It has always been a challenge to ensure that a designated truck payload is on the truck every time it is loaded. If the correct payload is on the truck there is always a risk that the load will be uneven which places stress on the running gear of the truck.

The EarthTrack® Payload Management system is designed to provide production and maintenance manager's peace of mind when managing their fleet. If the truck could be loaded to the optimum load and evenly distributed every time, the payload performance of the truck fleet would be at its most efficient.

The Payload system achieves this by sending live information to the loader/excavator operator each time they place a load on the truck to inform them of the weight and distribution. This information assist the loader/excavator operator in getting the truck loaded correctly every time.

The Series 2 (SR2) Payload Management system is now capturing the valuable information displayed in front of the loader/excavator operator, so management can report on payload tons across all trucks.

BENEFITS:

- ▶ Accurate Payload ensures target tons are met
- ▶ Simple download of payload information
- ▶ Lowers unplanned maintenance costs
- ▶ Evens performance between all operator experience levels
- ▶ Easy to use
- ▶ Can be fitted to most makes and models of mining haul trucks

Equipment Type

The Payload Management system can be installed to all mining haul trucks that have an on-board payload management system. The systems performance is dependent on the serviceability of the on-board payload system.

- ▶ Caterpillar TPMS
- ▶ Caterpillar VIMS
- ▶ Komatsu PLM I,II,III & VHMS
- ▶ Leibherr PWS
- ▶ Hitachi CONTRONIC
- ▶ Leibherr LWS
- ▶ Terex Trips

(Other Truck Payload systems can be interfaced upon request)

Target Customer

All owners of mining haul trucks who wish to better manage their truck fleet payload.

ADDITIONAL DOCUMENTS

PRODUCT
ONLINE



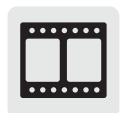
CUSTOMER
DATASHEET

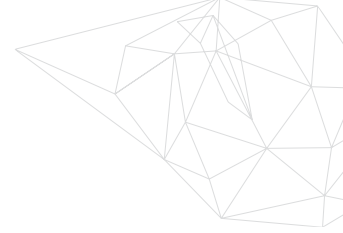


MANUAL



VIDEO













PRODUCT OUTLINE SHEET

EARTHTRACK® PAYLOAD MANAGEMENT SYSTEM

Payload Management Part Numbers

The Payload Management system is made up of components that suit both Loaders/excavators and Trucks.

STANDARD MACHINE HARDWARE FITTED TO PAYLOAD MANAGEMENT SOLUTION DEPENDING ON CUSTOMER SELECTION:

Image Ref.	Part Number (APN)	Description	Quantity per machine
	12208	Loading Machine Payload display	1
	12082	Haul Truck Payload interface (470MHz) Australia use only	1
	11484	Haul Truck External Display Interface (No radio)	1
	12175	Loading Machine Payload Interface (470MHz) Australian use only	1
	11594	Channel selector 16 channel	1
	3258	Machine antenna (470MHz)	1
	4557	External displays (Up to 2 displays per truck)	Up to 2
	8225	USB 4G Industrial	1

Key features

Title of feature	Inclusion
Empower the loader operators with better weigh distribution across all strut sensors of the truck	✓
Optional single or dual external scoreboard displays	✓
Logging of the entire truck fleet payload data at the loaders	✓
CSV data download from the loaders	✓
Reduces maintenance	✓
Improves production	✓
Better profitability	✓

Quoting & Pricing

Refer to Pronto pricing.

Additional Documents

Item	Description	Document Number/Title
1	Datasheet	See website for latest
2	Customer Booklet	See website for latest
3	Product Manual	M0868 - http://docfinder.rct.local/dfddocs/prodmanu/M0868.pdf?v=9543052
4	Product Manual	M0888 - http://docfinder.rct.local/dfddocs/prodmanu/M0888.pdf?v=9545150
5	Product Manual	M0710 - http://docfinder.rct.local/dfddocs/prodmanu/M0710.pdf?v=9545171

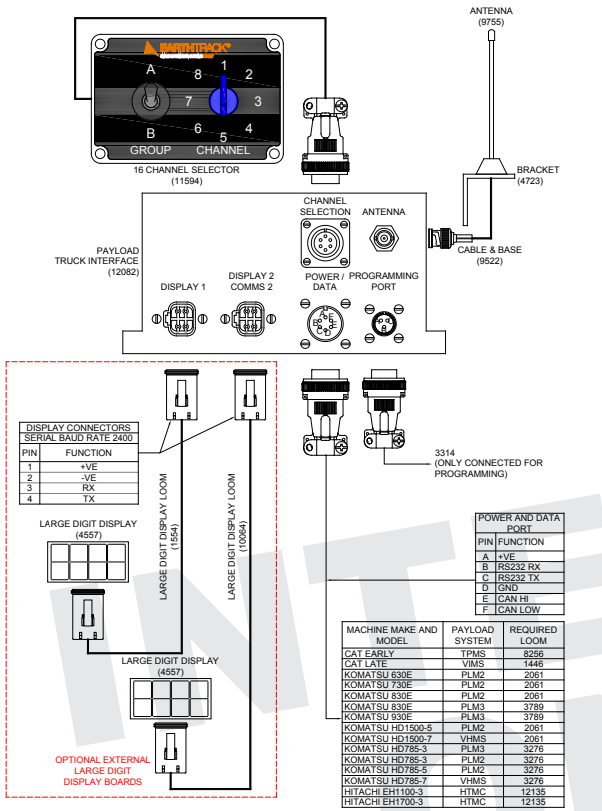
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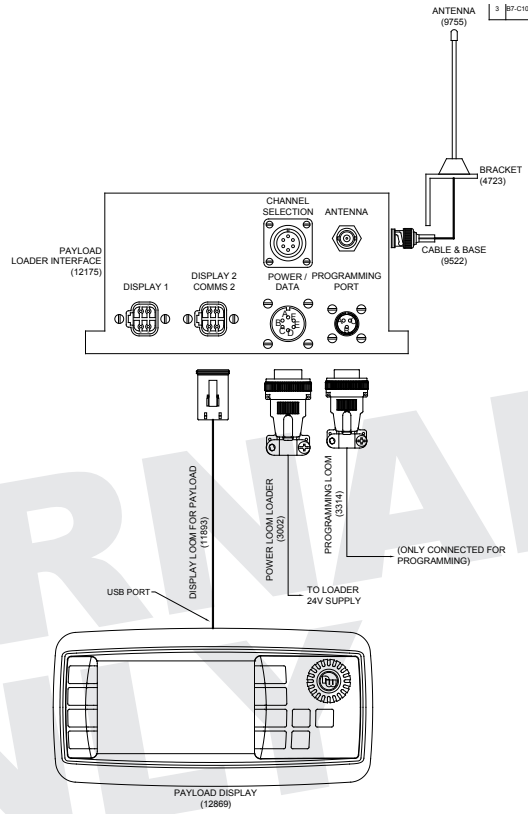
System Overview

EARTHTRACK® PAYLOAD SERIES 2 WITH LOGGING MACHINE SYSTEM LAYOUTS

EARTHTRACK® PAYLOAD TRUCK MACHINE LAYOUT INCLUDING OPTIONAL EXTERNAL LARGE DISPLAYS



EARTHTRACK® PAYLOAD LOADER/DIGGER MACHINE LAYOUT



DUAL LARGE DIGIT PAYLOAD DISPLAY SYSTEM SETUP

CONTROL LARGE DIGIT DISPLAY (11484)

