



ALL-ROUND VISION SYSTEM

4 CAMERAS

1 IMAGE

0 BLIND SPOTS WITHIN 12 METRES*



TDL

Authorised Distributor



TEREX®

TDL 360° ALL-ROUND VISION SYSTEM

IMPROVE MACHINE AND SITE SAFETY

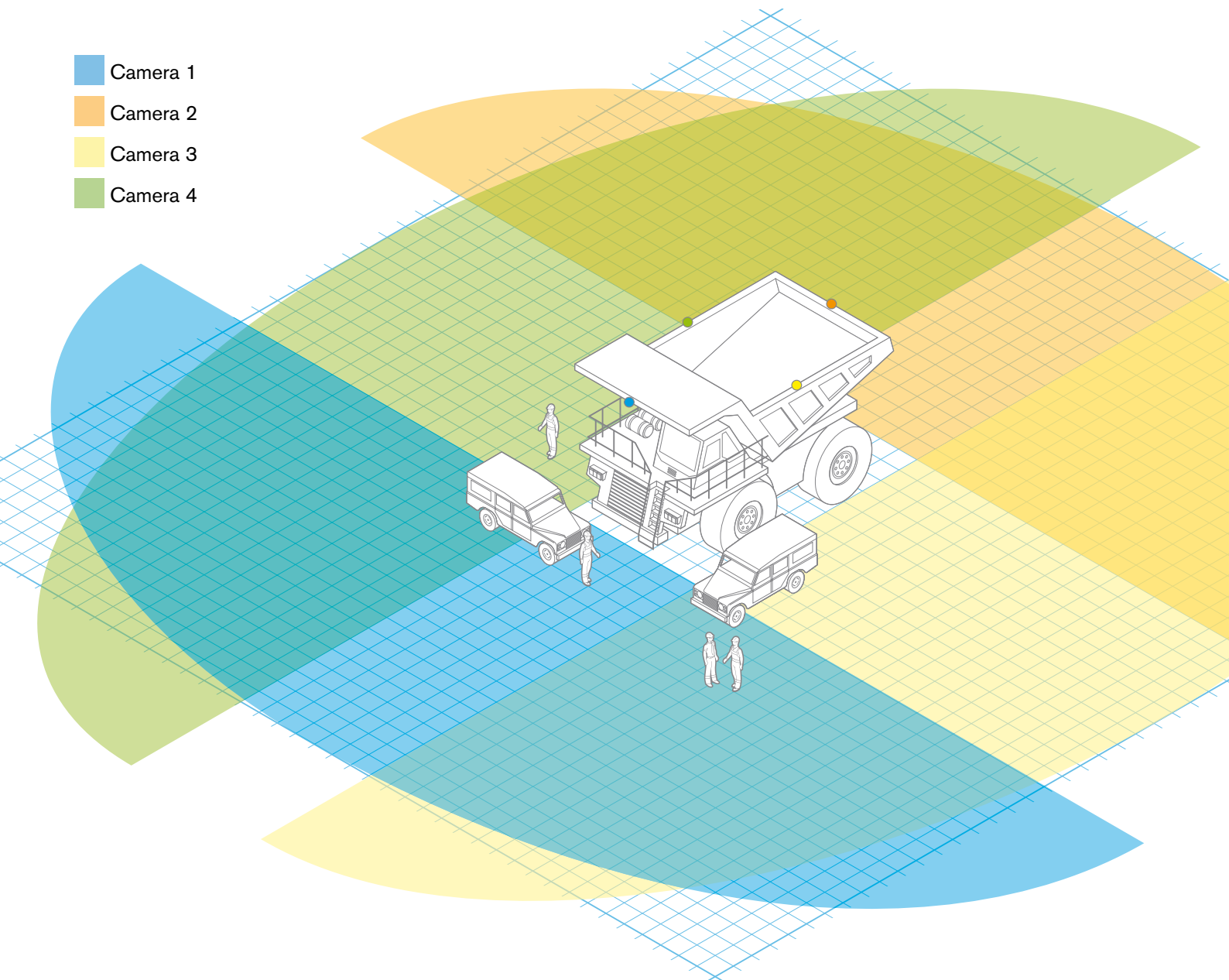
The TDL 360° vision system is the latest operator aid in helping to improve machine and site safety in mining, quarrying, and construction applications.

The system was designed and supplied by Sussex-based specialist, ASL-Vision, and pioneered for the off-highway industry by working in partnership with TDL Equipment and Scottish Coal.

HOW DOES THE SYSTEM WORK?

The system provides a single bird's eye view for the operator to check before moving off instead of 10 visual aids currently. Fish-eye cameras are fitted at four points around the machine (mid-way along the vehicle's sides, back and front) and cover potential blind spots to provide a 360 degree view of the vehicle. Simultaneous digital images from the four cameras are then combined and processed to provide a real-time, birds-eye view of the Terex dump truck and the surrounding ground.

- Camera 1
- Camera 2
- Camera 3
- Camera 4



TDL 360° monitor mounted to dashboard in the cab, beside standard reverse camera.

WHAT DOES THE OPERATOR SEE?



WHAT ARE THE BENEFITS?

People or objects within 12m to the side, behind or immediately in front of the Terex machine which cannot be seen directly by the operator are all clearly visible on a large (25 cm/10 inch) colour monitor mounted in the cab.

Benefits of the system extend beyond helping to prevent injuries to people; it also reduces or eliminates collisions with other objects (such as site vehicles) and can minimise tyre damage, particularly when reversing, as it enables operators to see and avoid objects lying on the ground.

By the time the operator has checked 10 aids using a conventional system, there is a risk that a vehicle or a person can come into view in one of the first checks and be missed.



Typical view displayed on driver's monitor



HOW DOES THIS SYSTEM DIFFER FROM COMPETITORS' VERSIONS?

- ▶ Tailored for 100 ton trucks – proven in open cast mines
- ▶ Pie dish image like the 3D world we live in
- ▶ Combined image from 4 cameras merged together in 1 image with no blind spots*
- ▶ Camera views are merged at optimum areas
- ▶ 10" screen for clarity
- ▶ Protection against frozen screen
- ▶ Proven technology in automotive industry – fitted to over 1 million cars

For more information on fitting to

- 100 ton trucks
- Terex trucks
- Atlas rail machines

please contact Jackie Dover
08444 99 44 99, option 3

For other vehicles, contact Spillards.

This is an ASL Vision System



* As per extensive testing with Scottish Coal ARV on TR100.
This system must be calibrated and maintained by trained personnel.

www.tdlequipment.com

Effective Date: June 2012. Product specifications and prices are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only. Refer to the appropriate Operator's Manual for instructions on the proper use of this equipment. Failure to follow the appropriate Operator's Manual when using our equipment or to otherwise act irresponsibly may result in serious injury or death. The only warranty applicable to our equipment is the standard written warranty applicable to the particular product and sale and Terex makes no other warranty, express or implied. Products and services listed may be trademarks, service marks, or trade names of Terex Corporation and/or its subsidiaries in the USA and other countries. All rights are reserved. Terex is a registered trademark of Terex Corporation in the USA and many other countries.

© 2012 Terex Corporation.

Ref.-No.: TDL 360° 0612-1EN

TDL



TEREX®

Authorised Distributor

Terex Distribution Limited, Wentworth Way, Wentworth Industrial Park, Tankersley, South Yorkshire, S75 3DH
Sales Fax: 0844 770 3019 · Service Fax: 0844 770 3018 · Terex Parts Fax: 0844 770 3017 · Atlas Parts Fax: 0844 770 3020