

STANLAY NEWS :

FALLING WEIGHT DEFLECTOMETERS

STANLAY Supplies VFWD to Government of Karnataka



ACL recently commissioned based on contract from Planning and Road Asset Management Centre , Government of Karnataka , supply of one of the most **Comprehensive Road Data Collection Vehicle** comprising **Vehicle Mounted 150kN Falling Weight Deflectometer** connected to a differential GPS with sub meter accuracy, a fully ruggedised 15" laptop with built in **laptop table**, **double cab diesel 4x4 vehicle** with built in **navigation** and other special features such as charging stations etc..

In addition, a **GPR system for road layer investigation** has also been supplied as a full configuration system complete with 1G , 2G and



400/900Mhz dual frequency antenna for **high speed investigation of road layers**. The vehicle has been designed to allow the GPR to also be mounted on the same vehicle for **simultaneous data acquisition** .

The road data collection vehicle based on above systems will **supplied will allow tens of thousands of kilometres** of roads to be surveyed for road investigation and rehabilitation purposes.

Bespoke design - The Vehicle based 150kN FWD provided to PRAMC represents the most advanced FWD and a first of its kind road data collection vehicle in India.



The system conforming to the latest international standards and IRC code 115 : 2014 was configured in association with Pavetesting UK for the Falling Weight Deflectometer and IDS S.p.A Italy for GPR.



Direct Vehicle Charging System

Differential GPS with pole mount with magnetic option

On Road Safety based on Chevron Tapes & Night Glow tapes & Warning lights

The systems were integrated by ACL Stanlay on the latest Tata Xenon 4 x4 with standard power steering, Air conditioning, Audio system, Navigation GPS etc in India association with visiting technical OEM members.

Built in Laptop Table Mount for ease of use during work. 15” laptop provided for ease of viewing



Automatic testing through on board laptop with option of Manual control using control panel

Mount for direct attachment of GPR to front of vehicle.



STANLAY has supplied all of the Recent FWDs in India in association with **Pavetesting UK : Trailer Mounted 150kN FWD Systems** to various top road organisations and consultants in India, owed to its excellent post sales support.

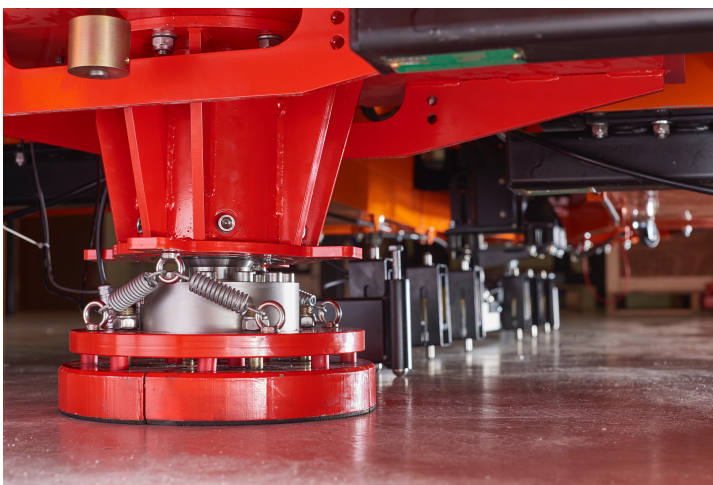


FWD 150kN 9 Geophone System Supplied in New Delhi

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| <ul style="list-style-type: none"> • 150kN FWD • Folding Design • Twin Axle, allowing upgrade to HWD • Integrated Charging Unit • Mains & Auxiliary Battery | <ul style="list-style-type: none"> • Digital Geophones • Plug & Play geophones with calibration info • Variable Loading • 4 Way Split Load Plate • Self Leveling Geophone Beam |
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FWD 150kN 7 Geophone system Supplied in Lucknow,



Split Load Plate and Self Leveling Geophone Beam, ideal for Indian Road Conditions. Also conforming to IRC Code.

Twin Axle trailer mounted system with folding design



POST SALES SUPPORT & TRAINING
 ACL Stanlay has in house spare parts availability , training and technical support for systems supplied to receive Ex-India Service Backup.
 Please do email us at sales@stanlay.com or smc@stanlay.com or call on 011-41406926