Excavator Weighing
LX-100

A cost effective and easy-to-use scale installed on 360 degree excavators to weigh the amount of material accurately

Increase productivity in challenging environments

FEATURES	ADVANTAGES
7 inch color touch-screen display	Clear, uncluttered display provides intuitive operation
Dynamic weighing technology with the WM-X1 CAN based weighing module	Rugged enclosure using easy and quick plug in connection to reduce installation time and providing superior weight accuracy in difficult conditions
Target load – Set individual product target	Ensures correct loading of vehicles or product
GPS automatic product and region recognition option	Automatic product selection
Dynamic and static weighing at different positions	Fast and efficient weighing without compromising the normal use of the machine
10 reference field Windows SQL database with advanced memory search and reporting functions	Accurate and traceable record keeping of all weighing activities together with all the relevant details of products, customers, trucks, regions etc.
Five job site preset selections	Store multiple jobs for easy access
Telemetry – (Wi-Fi, cellular and radio) for fast and efficient load data transfer between excavator and office	Bi-directional communication with back office
Split loading	Load trucks and trailers at same time
Up to 10 attachment calibrations (e.g. buckets, grabs etc.)	Flexibility for multple applications using the same machine with precision
Realtime data output via serial/ ethernet and USB memory stick	Easy and efficient 3rd party data handling
ICP 300 – Printer option for hard copy prints in the cab	Paper copy of customised load tickets and summaries
Email option of load records	Quick and easy copy of load records back to the office

TECHNICAL DETAILS

System accuracy	Typically +/- 3% of capacity or better
EMC Compliance	Complies with - 2014/30/EU - Electromagnetic Compatibility Regulations 2016 - ISO 13766-1:2018 - CAN ICES-003(A)/ NMB-003(A) - FCC CFR 47 PART 15B Class A
Warranty	2 years
Environmental protection	Display sealed to IP54 External sensors IP67

Further System Enhancements:
Sitelink3D – Fast and efficient load data transfer between excavator and office.
GPS16 – Automatic product and geo fenced region selection.

See also associated product:
Load weighing for wheel loaders LM-100 – A cost effective and easy-to-use scale installed on wheel loaders to weigh the amount of material in the bucket.

TOPCON