



## LOADTRONIC 3MH

### Weighing system for material handlers

*LOADTRONIC 3MH is a dynamic weighing system for material handlers. The weighing system is based on the LOADTRONIC wheel loader-scale which has been on the market for more than 20 years.*

#### Features of LOADTRONIC 3MH

- Dynamic weighing system
- Automatic or manual weighing
- For material handlers with polygrip or clams
- High quality system
- Easy to operate
- Easy installation and calibration
- Provides and stores information of all operations
- Multiple jobs
- Provides defined load reports
- Backup and restore functions
- USB or wireless transfer of data to PC
- SMS-load receipts to office (optional)
- PC-Link application (optional)
- Printer (optional)

LOADTRONIC 3MH is a dynamic weighing system for material handlers; the load is weighed during normal lifting cycle. The weighing can be started automatically or manually.

The display will show the weight currently in the polygrip, and the running total. Also, the number of loads delivered is shown.

The weighing system can be used as a tool to avoid over- and underloading of trucks.

All loadings are stored in the Main Unit and can be retrieved either e.g. for printing a receipt or for transfer to PC (USB stick/SMS).

Databases of customers, materials etc. can be transferred between the office PC and the LOADTRONIC 3MH system (using USB stick). The files can be viewed and edited in e.g. MS Office Excel or Notepad.

LOADTRONIC 3MH has a backup and restore function for calibrated attachments, event logs, and lists of customers, material, trucks etc.

An SMS load receipt can be sent to the office as soon as the load is delivered to the truck. After a few seconds the information in the SMS message is displayed as a new line in PC-Link SMS office program.

## Specifications

- System: Main Unit  
Cable harness with sensors
- Temperature range: -25°C to +50°C
- Power supply: 18 to 36Vdc
- Optional accessories: Manual weighing start from joystick  
Printer  
LOADTRONIC 3 PC-Link  
LOADTRONIC 3 PC-Link SMS

The Main Unit is placed on the right side in the cabin



Angle sensor on the boom



Machine angle sensor and Rotation sensor



Pressure sensors on the lifting cylinders



Angle sensor on the arm

### LOADTRONIC 3 PC-LINK

Data from the LOADTRONIC 3/3E/MH systems (load lists, database lists, attachments, calibration data etc.) can be converted into ASCII text files for export to e.g. MS Office Excel for further handling: invoicing, stocking etc.

### LOADTRONIC 3 PC-LINK SMS

PC-Link SMS is a PC program that can receive load receipts from LOADTRONIC 3/3E/MH systems, and that can send database lists. Loads are displayed seconds after delivery to truck. Each LOADTRONIC 3/3E/MH system are separated by their ID-numbers.

	A	B	C	D	E	F	G	H	I	J	K	L	M
5	Loader ID	Date	Time	Load#	Req#	Weight	#Buck	Volume	Customer	Material	Truck	Location	Status
6						t		qm					
7	1053	20.08.2009	10:58	21	0	9.40	1	4.29	Ørvind Sælås	Hard Rock	ST65432 - Volvo F12	Sandviken	
8	1053	20.08.2009	11:14	22	0	5.50	1	2.75	Ole Fritsen Junior	Sand	Volvo FM660	Arna	
9	1053	20.08.2009	11:16	23	0	5.05	1	2.52	John Smith	Sand	Volvo FM660	Askoy	
10	1053	21.08.2009	11:21	24	0	4.20	1	0	0	0	0	0	
11	1053	21.08.2009	11:27	25	0	5.30	1	2.65	John Smith	Sand	Volvo FM660	Askoy	
12	41	31.08.2009	14:06	46	0	6.00	1	3.75	Olsson	10/30 Sand	Volvo F16-700	007	
13	1053	02.09.2009	10:13	26	0	4.95	1		Nils Hansen AS	0-32	Scania M	Eskilstuna	
14	1053	10.09.2009	11:22	3	0	8.45	1	3.86	Ørvind Sælås	Hard Rock	ST65432 - Volvo F12	Sandviken	
15	1053	10.09.2009	11:28	4	0	6.95	1	3.47	John Smith	Sand	Volvo FM660	Askoy	
16	1053	10.09.2009	12:30	5	0	5.60	1	2.80	Ole Fritsen Junior	Sand	Volvo FM660	Arna	

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