



PONSSE



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PONSSE

A logger's best friend

PONSSE LoadOptimizer 5/2009 2. ENG

PONSSE LOADOPTIMIZER

Weight has value

More payload - more easily. The PONSSE LoadOptimizer system weighs, specifies, saves and manages load information in all phases. Weighing data collection makes load handling routines easier. PONSSE LoadOptimizer reveals a different kind of view to loading: weight has value.

OPTIMAL LOAD

Precise weighing ensures an optimal load at all times. No more under- or overloads. The display unit continuously shows the total weight and load weight. It is also possible to track the total mass driven by the shift, for example.

EASY-TO-USE

Fully automatic weighing, taking place during loading and when unloading, and load detail registration fulfils the measurement demands for fuel wood, for example. Load data is always up-to-date. The clear graphic display, help texts and auditory signals instruct the user during loading. It is easy to use the display unit: only five push buttons are needed.

DURABLE STRUCTURE

The totally new display unit is fully dust- and waterproof. The weight sensor is designed to endure extreme conditions and hard use. The cabling of the equipment is designed to specifically fit PONSSE cranes, and significant innovations enhancing durability have been made to it. The operation of the LoadOptimizer is unaffected by dirt, dust, snow, water, frost or impacts.

LOAD TRACKING

The new display unit registers the load data of as many as the 1,000 most recent loads. PONSSE LoadOptimizer

has been approved as an official weighing method, and the data can be transferred to customers' load controlling systems.

COMPATIBILITY

PONSSE LoadOptimizer can be installed to all PONSSE crane models. Cranes can be equipped for the loader scale while in the factory. If necessary, loader scale installation can take place in the factory or at the retailer.

REPORTING

Load data and load log information can be transferred to Opti-PC or a home computer using a USB memory stick, and the information can also be printed directly onto paper. The LoadOptimizer also enables the transfer of weighing data to the logistics systems of different forest companies and corresponding customers.

ACCURACY

PONSSE LoadOptimizer has excellent weather resistance. Weighing results are accurate in temperatures as high as 40°C and as low as -30°C. Weighing accuracy (+/- 1.8% with 8,000kg batch size) fulfils the official weighing accuracy demand for forest companies (+/- 4%). The display unit reminds the driver and takes care of the weighing of each load.

TECHNICAL SPECIFICATIONS:

DISPLAY UNIT

Supply voltage 24V (10 – 30v)

Operating temperature range -20 - +60°C

LCD display size 5,7"

Display unit size 181 x 120 x 53 mm

RS and USB connections to Opti-PC/printer or other IT systems.

Standardised transfer files (StanForD)

Enclosure class IP66

WEIGHT SENSOR

Normal weighing range 70 – 2,000 kg

Weighing separating capability 1.5 kg

Pin size 45/40/35/30 mm

Height 320 mm

Weight 15 kg

Material acid-proof steel

Acceleration sensing

Mounting holes with glide bearing

SOFTWARE

User interface languages Finnish, Swedish and English

Applications Fuel wood

Shortcuts 10 pcs Driver Platforms

20 pcs Loading spots

20 pcs Unloading spots

16 pcs Material selections (timber varieties)

