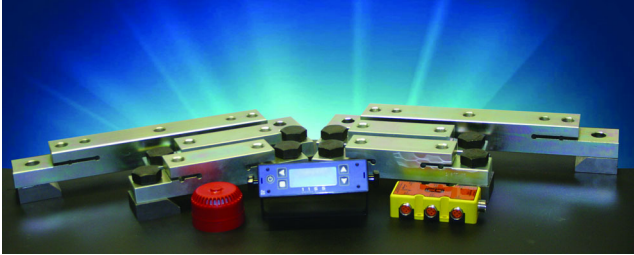


## On-Board Weighing System for Waste and Refuse Collection



### DISPLAY

- LCD with graphics
- DIN or dash mount
- Gross/net weight
- Individual axle weights
- Stability indication
- Diagnostics

### FEATURES

- Capacity - 17 to 32 tonne GVW
- Accuracy -  $\pm 0.5\%$  FSD
- Easy to operate
- AxleWatch - individual axle weights
- Barrier control
- Packer plate shutdown
- Alarm sounder
- CANbus or analogue interface to load cells
- Serial printer support
- Password protection

### OPTIONAL FEATURES

- Packer plate shutdown key switch
- Printer - thermal or heavy duty
- Custom printer headers
- 511 FreeWeigh - hand held remote display

### DESCRIPTION

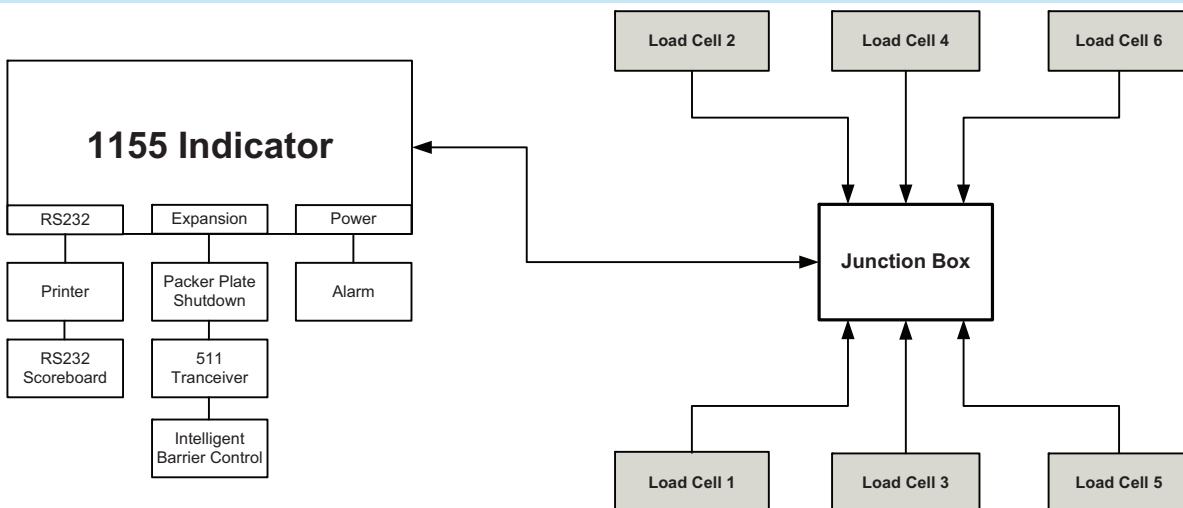
PM Onboard's integrated weighing system WasteWeigh, provides continuous and precise weight information for payload control and operational efficiency.

WasteWeigh may be used in conjunction with PM Onboard's in-cab digital indicators, the 1155 and 1300, both of which are suited to almost all types of waste and recycling operation. The 1155 indicator provides continuous weight data together with selectable axle weights, packer plate shutdown, intelligent barrier and retro compatibility (for new and existing systems). This lightweight indicator fits neatly into the DIN slot in the vehicle's dashboard or alternatively can be chassis mounted in a waterproof box.

### APPLICATIONS

- Waste
- Refuse
- Recycling

### SYSTEM BLOCK DIAGRAM\*



\* 6 cell system shown, can be 4 or 8 cells.

### On-Board Weighing System for Waste and Refuse Collection

<b>SPECIFICATIONS</b>				
<b>PARAMETERS</b>	<b>MINIMUM</b>	<b>TYPICAL</b>	<b>MAXIMUM</b>	<b>UNIT</b>
<b>SYSTEM</b>				
Accuracy	0.5 %			Full Scale Deflection
Capacity (GVW)	17		50	tonne
Operating voltage	15		30	Vdc
Operating temperature	0		60	°C
Current at 24v 4 off CANbus cells			<300	mA
Current standby at 24v			<10	mA
Inclinometer - chassis			3	Degrees
Inclinometer - body			40	% off centre load alarm
<b>INDICATOR</b>				
Type	LCD			
Size	79.0 x 30.9			mm
Operating temperature	-10 to + 50			°C
Load cell port	4 pin connector (for junction box)			
Expansion port				
On-screen display of weight				
Overload alarm - audible	Optional external alarm sounder on vehicle			
Alarm output level	102 at 24Vdc			dB(A)
Password protection	4 digits, manager and user PIN			
Load deliver capability				
Form factor	Din cut out			
<b>LOAD CELLS</b>				
Load cell types	Up to 8 CANbus or analogue load cells			
<b>ACCESSORIES AND OPTIONS</b>				
<b>INTERFACES</b>				
RS232: - Baud rate - Connector	1200, 2400, 9600, 19200, 57600 9 pin to printers/scoreboard			bps
511 FreeWeigh compatible	Wireless remote unit, 868MHz, 15 channels			
Printer capability	Impact or heavy duty			
Adjustable bracket				

## Disclaimer

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