



Department of consumer and corporate affairs / Ministère de la consommation et des corporations



**STANDARDS BRANCH - DIRECTION DES NORMES**

**NOTICE OF APPROVAL - AVIS D'APPROBATION**

NO.	S.WA - 348 Revision 1
DATE	Mar. 28, 1972

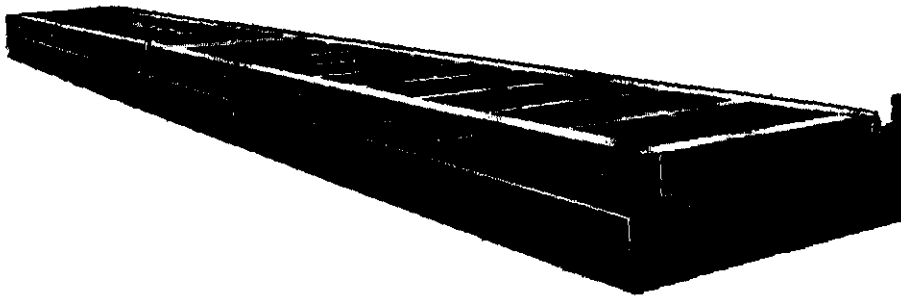
HOWE RICHARDSON PORTABLE VEHICLE SCALES

Manufacturer: Robert Morse Corporation Ltd.  
Dominion Industrial Building,  
Ville St. Pierre, Quebec.

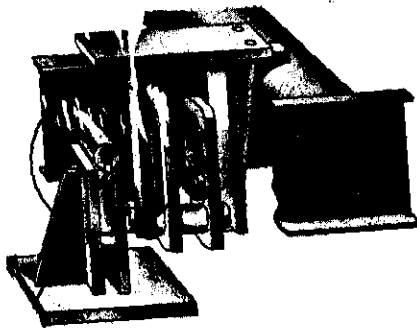
Apparatus: Portable Vehicle Scales

<u>Model Number</u>	<u>Capacity Tons</u>	<u>Model Number</u>	<u>Capacity Tons</u>
<u>Single Units - 2 sections</u>		<u>Split Frame - 2 sections</u>	
PV1220	25	PV1435S	45
PV1220E	25	PV1536S	55
PV1222	25	<u>Single Unit - 3 sections</u>	
PV1320E	35	PV1535	55
PV1325E	35	PV1540	55
PV1330E	35	PV1635	65
PV1530E	55	PV1835	85
PV17530E	80	PV1840	85
PV11535	155	PV1135	105
PV11540	155	PV1140	105
<u>Two Units - 4 sections</u>		<u>Two Units - 4 sections</u>	
PV2540	55	PV2860	85
PV2550	55	PV2150	105

HOWE RICHARDSON PORTABLE VEHICLE SCALES



TWO-UNIT SCALE



SUSPENSION ASSEMBLY

<u>Two Units - 4 sections</u>		<u>Two Units - 4 sections</u>	
PV2560	55	PV2160	105
PV2650	65	PV2170	105
PV2660	65	PV21550	155
PV2750	75	PV21560	155
PV2760	75	PV215100	155
PV2850	85	<u>Two Units - 5 sections</u>	
		PV2170	105

The final two digits of the model number indicate the scale platform length in feet. All scales are available with platforms of 10 feet width. Scales may also be furnished with 12 foot or 14 foot platform width and in such cases the model number has the suffix -12 or -14 as appropriate.

The suffix "E" indicates that the scale may be extended by means of an additional unit.

The above listed scales may be equipped with any of the following types of indicators and auxiliary equipment, the indicating capacity of which does not exceed the lever capacity of the scale. The combination shall be shown on the nameplate of the scale and shall not be changed without the approval of the Standards Branch.

- Double pendulum mechanism with analog or digital indication  
Models 31000, 31000E4A, 36000, 37000, 37000E4A.
- Electronic indicator, in conjunction with strain gauge load cell - Models 7700, 7800, SSD100, DS300, DIP1071.
- Beams - Tare, full capacity, type recording.
- Digital indicator for beam scales - Models 77, 77-W, 77-DW.
- Over/Under indicator for beam scales - Model 6102.
- Unit weights - manual or automatic.
- Printer, cut-offs, remote indicators, weight encoders.

Rating: Scale capacities are as listed above.

Application: The weighing of loaded and empty vehicles in trade.

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Description: These scales are constructed as self-contained units, in order to facilitate their transportation and installation. Each scale unit has two load levers.

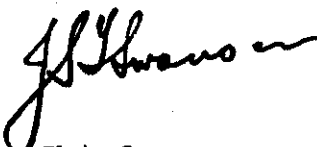
Load levers are T-shaped torsion type and are supported on parallel link suspension assemblies. On scales of two-unit style, the load levers are interconnected by means of a backbone lever. All levers are constructed of pipe and structural steel, assembled by welding.

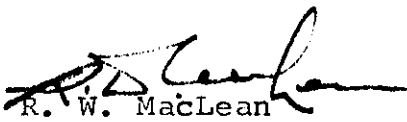
Scale decks may be of concrete, steel or wood. Decking is furnished in short sections in order to facilitate moving.

Testing: The standard tests for motor truck scales shall apply.

References: SW - 85 - H11  
SL - 102 - 659

Conditions of Approval: Approval is granted under the Weights and Measures Act, Chapter 292, and Regulations thereunder (P.C. 6894) for use in Canada under the general conditions of P.C. 6894, and under any special conditions listed above.

  
(for) Chief,  
Weights and Measures Division  
Standards Branch

  
R. W. MacLean  
Director,  
Standards Branch