

Semi-Portable and Permanent Industrial Axle Scale



FEATURES

- Capacities ranging from 30 to 60 tons
- Length available from 7' to 14'
- Axle groups include single, tandem, tri and quad axle groups
- Ramp and box ends available
- 6061-T6 aluminum alloy or A36 structural steel
- Diamond tread plate for optimum tire traction
- Two nickel-plated alloy steel load cells per platform
- Sealed for all weather environments

OPTIONS

- Meter (single and three channel)
- Printer included with meter
- Detachable ramps

DESCRIPTION

SI Onboard's semi-portable and permanent industrial axle scales provide high accuracy truck axle weights. They are suitable for applications requiring mobility where a full length truck scale is not feasible. The system consists of two weighbridges that are used to weigh the left and the right side of the same axle group. Weighbridge lengths vary based on the largest axle group (tandem, triple, spread or quad) that is to be weighed. 6061-T6 aluminum alloy construction material provides the required strength, while maintaining the low weight required for portability. A36 structural steel construction material can be chosen for more permanent applications. Diamond tread plate weighbridge surfaces maximize positive tire traction for increased safety.

APPLICATIONS

- Bulk loading facilities
- Aggregate
- Forestry
- Mining
- Solid waste transfer stations
- Distribution centers
- Truck terminals
- Quarry operations
- Demolition sites
- Hazardous material sites
- Motor home, travel trailer manufacturers

Semi-Portable and Permanent Industrial Axle Scale

SI Onboard



Semi-Portable and Permanent Industrial Axle Scale

SPECIFICATIONS	
PARAMETERS	DESCRIPTION
System accuracy	2-3%
System capacity	Up to 120,000 lb
Operating temperature	10 to 125° F
Number of load cells per platform	2
Number of load cells per system	4
LOAD CELLS	
Static capacity	30,000 lb
Type	Double ended bending beam
Material	Alloy steel
Rated output	0.5 mV/V at 12,500 lb
SCALE SECTION	
Material	6061-T6 aluminum alloy or A36 structural steel
Capacities	60,000 - 12,000 lb
Surface	Diamond tread plate
Height	5.5" - 5.8"
Width	32"
Length	7' - 14'
Axle accommodations	Single, tandem, triple, spread and quad



Disclaimer

ALL PRODUCTS, PRODUCT SPECIFICATIONS AND DATA ARE SUBJECT TO CHANGE WITHOUT NOTICE.

Vishay Precision Group, Inc., its affiliates, agents, and employees, and all persons acting on its or their behalf (collectively, "VPG"), disclaim any and all liability for any errors, inaccuracies or incompleteness contained herein or in any other disclosure relating to any product.

The product specifications do not expand or otherwise modify VPG's terms and conditions of purchase, including but not limited to, the warranty expressed therein.

VPG makes no warranty, representation or guarantee other than as set forth in the terms and conditions of purchase. **To the maximum extent permitted by applicable law, VPG disclaims (i) any and all liability arising out of the application or use of any product, (ii) any and all liability, including without limitation special, consequential or incidental damages, and (iii) any and all implied warranties, including warranties of fitness for particular purpose, non-infringement and merchantability.**

Information provided in datasheets and/or specifications may vary from actual results in different applications and performance may vary over time. Statements regarding the suitability of products for certain types of applications are based on VPG's knowledge of typical requirements that are often placed on VPG products. It is the customer's responsibility to validate that a particular product with the properties described in the product specification is suitable for use in a particular application. You should ensure you have the current version of the relevant information by contacting VPG prior to performing installation or use of the product, such as on our website at vpgsensors.com.

No license, express, implied, or otherwise, to any intellectual property rights is granted by this document, or by any conduct of VPG.

The products shown herein are not designed for use in life-saving or life-sustaining applications unless otherwise expressly indicated. Customers using or selling VPG products not expressly indicated for use in such applications do so entirely at their own risk and agree to fully indemnify VPG for any damages arising or resulting from such use or sale. Please contact authorized VPG personnel to obtain written terms and conditions regarding products designed for such applications.

Product names and markings noted herein may be trademarks of their respective owners.

Copyright Vishay Precision Group, Inc., 2014. All rights reserved.