

SWIFT® Evo technology provides superior, high quality measurements using an innovative 1-piece design that results in a high sensitivity wheel force transducer with excellent linear behavior and high overload capacity. Through the combined efforts of MTS and PCB®, the SWIFT Evo series has evolved with improved thermal performance, adding electronic data information, and creating a new Graphical User Interface.

The SWIFT Evo is tested to SAE J267 and J328 requirements[†], assuring a long expected life period when properly maintained. The one-piece construction and MTS' patented flexure isolation reduce cross coupling and increases sensitivity for resolution of very small forces and moments.”



WHEEL FORCE TRANSDUCER

EVOLVING TECHNOLOGY

RENTAL

SWIFT Evo systems are available for rental, including all cables and the SWIFT Evo Transducer Interface Box, along with rims and hub adapters. The SWIFT Evo can be rented for various lengths of times to meet your testing needs. Please contact The Modal Shop Inc. at +1-513-351-9919 or rentalteam@modalshop.com for rental information. The Modal Shop Inc, is a subsidiary of PCB Piezotronics, Inc.

TRAINING

Technicians are available to assist with your setup of SWIFT Evo transducers. In addition, we can offer a SWIFT Evo training program that is designed to improve technician efficiency and maximize system performance. Expertly led training courses provide hands-on learning to make sure your technicians are thoroughly familiar with the SWIFT Evo system and know how to operate it properly.

WARRANTY

PCB builds some of the most rugged and reliable testing equipment on the market. PCB warrants its equipment to be free from defects in material and workmanship under normal use, given proper installation and maintenance, for 24 months from the date of shipment. Defective equipment may be repaired or replaced at our option. Visit www.pcb.com/Terms_Conditions to see full details of our limited warranty.

CALIBRATION

Test labs must calibrate their testing equipment to help ensure data accuracy. SWIFT Evo transducers are calibrated at the MTS Metrology and Calibration Laboratory. This lab provides top-quality, quick turn-around calibration services for hundreds of SWIFT transducers per year and is accredited by the American Association for Laboratory Accreditation (A2LA) The basis for this accreditation is the international standard for calibration laboratories, ISO/IEC 17025 “General Requirements for the Competence of Calibration and Testing Laboratories” and ANSI/NCSL Z540-1.

REPAIR

Making sure that equipment is ready for use when needed and test projects are completed on-time without unexpected breakdowns are important aspects of test lab management. But unexpected breakdowns occur. Whether it is a minor repair, or your transducer has serious damage, we can meet your service needs to get the unit repaired and back to your test laboratory quickly.

TRADE-IN

PCB offers a trade-in option on the SWIFT transducer (transducer only). In addition, we offer trade-in for competitors' Wheel Force Transducers (body only). Please contact us for complete details.

TECHNICAL SUPPORT

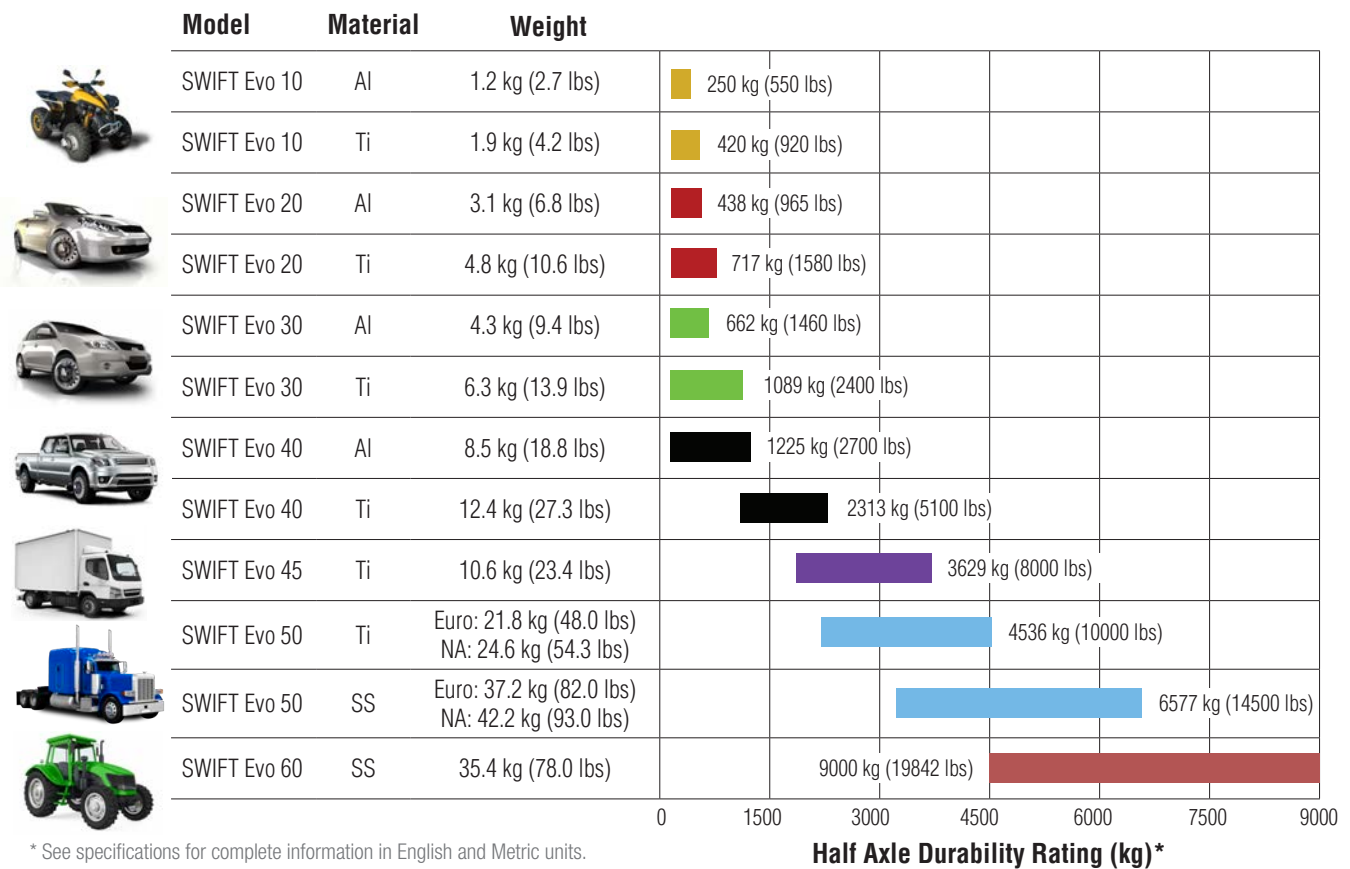
Support and assistance in answering technical questions that you may encounter with your SWIFT Evo system is available 24/7 by calling +1-716-684-0001.

DETERMINING THE CORRECT MODEL

To determine the correct SWIFT® Evo transducer for your application, take the axle weight for the axle the SWIFT® Evo is to be mounted on, and divide by two for the half axle weight. Select a SWIFT® Evo for which the SAE rating table (below) meets or exceeds the half axle weight of the application. This will give the approximate load on the rim. All sensors have passed the SAE J267 or J328 specifications for rim design†. See the chart below and consult with MTS/PCB to determine the exact SWIFT® Evo model needed for your applications.

†The SWIFT® Evo 60 is designed to J267 requirements

SWIFT® Evo / TIRE ASSEMBLY



* See specifications for complete information in English and Metric units.



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PCB Piezotronics, Inc. is a designer and manufacturer of microphones, vibration, pressure, force, torque, load, and strain sensors, as well as the pioneer of ICP® technology used by design engineers and predictive maintenance professionals worldwide for test, measurement, monitoring, and control requirements in automotive, aerospace, industrial, R&D, military, educational, commercial, OEM applications, and more. With a worldwide customer support team, 24-hour SensorLineSM, and a global distribution network, PCB® is committed to Total Customer Satisfaction. Visit www.pcb.com for more information. PCB Piezotronics, Inc. is a wholly owned subsidiary of MTS Systems Corporation. Additional information on MTS can be found at www.mts.com.

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AUTO-SWIFT-OFFERING-0819



MTS Sensors, a division of MTS Systems Corporation (NASDAQ: MTSC), vastly expanded its range of products and solutions after MTS acquired PCB Piezotronics, Inc. in July, 2016. PCB Piezotronics, Inc. is a wholly owned subsidiary of MTS Systems Corp.; IMI Sensors and Larson Davis are divisions of PCB Piezotronics, Inc.; Accumetrics, Inc. and The Modal Shop, Inc. are subsidiaries of PCB Piezotronics, Inc.