

Standard Features & Advantages: Filing Lift Truck Scales

Filing Lift Truck Scales are custom-engineered to attach to most types of lift truck carriages, including Class II, Class III, Class IV, and Bar-Mount. The scales are built to the capacity of the lift trucks, and require no alteration of existing carriages.

The Filing scale system does not connect to the truck's hydraulic system. Lifting, weighing, counting, accumulating, and transporting are accomplished as a single, efficient operation. The receiving weight ensures that the customer is getting all that they are paying for, the shipping weight assures correct shipments, on-the-spot stock control facilitates maintenance of accurate inventory records, and the parts (or material) weight aids Production Control.

- **ACCURACY** Digital accuracy to 1/10th of 1% of scale capacity with lift truck mast in level position.
- **DURABILITY** Filing Lift Truck Scales utilize a system of multiple flexures, which absorb the constant shock of load-bearing while transferring the weight to a single-cell load mechanism. These critical elements have no moving parts, reducing the possibility of failure. Flexures are manufactured from 1095 hardened spring steel. This combined (flexures/single cell) design provides superior load-sample linearity, as well as both heel-to-toe and fork-to-fork accuracy with greatly enhanced durability.
- **SAFETY** All Filing Lift Truck Scales feature an exclusive design incorporating two sturdy bolts that impart a 5-to-1 safety margin. These safety bolts secure the load even if the scale is damaged by overlifting (accidental misuse or abuse). The load cell rating has been exceeded in tests by 300% without damage to the cell. Filing guarantees that loads on both safety bolts and load cell may routinely be exceeded by 200% (doubled) without damage or safety risk. Even though a generous extra margin of safety is built into these components, Filing recommends that overloads not exceed the aforementioned 2-to-1 ratio.
- **SERVICEABILITY** Flexures are designed for easy, on-the-spot replacement, thus eliminating costly downtime. Replacement parts are readily available from stocking distributors. Load cells are totally field-replaceable, using customer's maintenance personnel. Easy-to-follow instructions are packed with every unit, and are repeated in customer's Ownership Packet.
- **POWER SUPPLY** Our standard digital electronic indicator operates on 12 to 48 volts DC. The Econo model operates on 12 volts only and would require a converter for 24-48 volt system. LTS can provide a battery pack system that will operate the scale and indicator independently of the lift truck's electrical system.
- **DELIVERY** Filing offers prompt delivery of all standard units—usually within one to two weeks. All 'specials' and bar-mount units required four to six weeks for delivery. All units are shipped F.O.B. Twinsburg. The customer may designate a carrier of choice.

- **EASE OF INSTALLATION** . . . Conforming dimensionally to I.T.A. specifications for cleat- (hook) type lift trucks, Filing scales attach readily to Class II, III, and IV carriages. The 10-step installation procedure is accomplished with ease in under two hours. (Installation of optional equipment for bar-mounted forks takes longer.) For details of installation procedure, refer to the "installation" section of printed material packed with each unit.

- **DESIGN EFFICIENCY** Flexures are designed without moving parts, facilitating easy, on-the-spot replacement and eliminating costly downtime. Efficient, low, 4½-inch lost load center minimizes loss of lifting capacity, irrespective of location of load on forks. Precision load cell suspension system for greater linearity. Heel-to-toe and fork-to-fork repeatability is achieved by means of a unique combination of parallelogram arrangement, shock absorbers, and carriage alignment bolts.

- **WARRANTY** Electronic lift truck scales sold or manufactured by Filing come with a full, two year warranty against defects in material or workmanship. This warranty covers the load cell, electronic digital display unit, base, levers, and fixtures. For complete provisions of this policy, refer to the "Standard Scale Warranty" in the Ownership Packet.



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FILING LIFT TRUCK SCALE

