

SC2 Series



The Industry Standard for Fleet-Wide Deployment

Unlike some OEM's hydraulic pressure sensors and aftermarket load cell systems that only work with specific material handling vehicles brands, the SC2 Series SkidWeigh Classic is engineered for universal compatibility.

Universal Fit

Works seamlessly on all mixed lift truck models, regardless of the make, model, lift capacity or operating voltage (12 to 48VDC, For vehicle power supply of 80 VDC use VC-160 convertor.)

Audio / Visual Overload Alert

Standard built-in audio/visual alerts warn operators immediately if a lifted load exceeds safe vehicle limits.

Accumulative Weight Total

Operator can sum multiple loads for fast, hassle free trailer capacity management.

Weighing Accuracy

Check weighing accuracy is +/- 0.1 to 1.0% of vehicle lifting capacity. (Example: Forklift having lift capacity of 4000 pounds the error could be +/- 1 to 40 pounds.)



Warehouse Forklift



Side Loader Forklift



Telehandler Forklift



Rough Terrain Forklift



Pallet Jack Forklift



Counterbalance Forklift



Order Picker Forklift



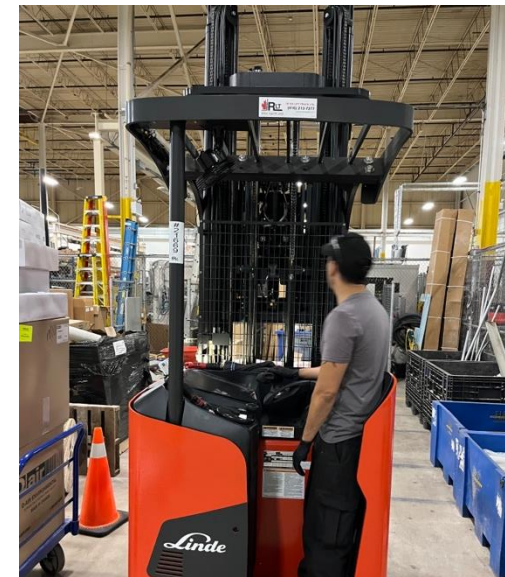
Heavy-Duty Forklift



Walkie Stacker Forklift



Reach Fork Truck



The Business Value

Upgrading your material handling fleet with SC2 mobile check weighing scales delivers immediate financial and operational returns.

Boost Throughput

Save up to 90 seconds on average per pallet by weighing freight on the move.

Re-weighing

Use “Legal for Trade” floor scale in LTL loading dock should the SC2 detect pre-set company overweight threshold on the customer Waybill be detected. *(Example: 100 pounds or more)*

Protect Revenue

Capture all under declared weights will instantly ensure accurate freight billing and stop missed carrier surcharges.

Ensure Compliance

Prevent costly DOT axle-overload fines before the trailer ever leaves your loading dock.

Enhance Safety

Reduce forklift traffic bottlenecks around floor scale zones to lower warehouse accident risks and avoid frequent damages to load cell platform.



STATIONARY FLOOR SCALE

“Legal for Trade” if certified

How It Works

1. Lift Load Just Above The Ground
2. SC2 Automatically Calculates Load Weight
3. Driver Sees Instant Digital Load Weight Readout
4. To Accumulate Load Weights, Use Add Button
5. Compare Lifted Load Weight with Customer Waybill # Declared Load Weight (*LTL Loading Dock Applications*)
6. Should the Load Weight Exceed Company Threshold (*As of example 100 pounds or more*) Move Load to the “Legal for Trade” Floor Scale and Correct for Additional Revenue Billing.

No training required, and zero disruption to the operator's workflow.



Easy Indicator
Installation

Payload Informed Forklift Utilization

Standard OEM telematics record structural vehicle states like ignition on/off, travel time, impacts, engine hours, etc. Incorporating the SC series forklift hydraulic check weighing scales to the OEM's telematics adds payload context

Synergizing OEM Telematics with IVDT SC2 Series Weighing Scales

The integrating **IVDT SkidWeigh SC series forklift weighing scales** with factory installed OEM telematics systems creates a powerful, **dual-layer fleet management system**. It bridges raw vehicle utilization metrics with real-time operational payload data.

Functional Integration Architecture

OEM telematics systems (e.g., Toyota T-Matics, Yale/Hyster Vision, Crown InfoLink) tracks vehicle operational data but they don't record load weight and overload functions important to large majority of material handling operations. The SC2 SkidWeigh Classic series bridges this visibility gap.



Two Buttons for Load
Accumulation and Reset



By installing the SC2 scale to OEM telemetry already on the vehicle, material handling management will have access to valuable operational information.

Accumulative Load Weight

Tracks total tonnage moved by an asset or an operator over a designated shift.

Cycle Count Tracking Records the exact number of physical load weights taken, mapping vehicle utilization and throughput.

Real-time Overload

Real time operator notifications when a truck's rated lifting capacity is exceeded by preventing vehicle damage

Dual-Channel Monitoring

The SC3 system has a capability for two independent weighing channels.



Ready to Protect Your Facility?

Safety First

Zero Accident Warehousing

Protect your staff and your facility by maintaining strict, compliant payload boundaries on every shift.

Immediate Overload Alerts

Clear visual warnings instantly flag unsafe weights before a load is moved.

Tip-Over Prevention

Keeps forklift operator aware of loads lifted to prevent catastrophic accidents.

Protect Racking. Protect Your Business.

Every day, forklifts move thousands of loads through warehouses, manufacturing plants, distribution centres, recycling, and other material handling facilities.

But when a load is heavier than expected or when a rack location has a lower permissible capacity operators may not know they are exceeding a safe limit until it is too late.

www.skidweigh.com



Hydraulic Pressure Transducer

CH Custom Manufactured, Swiss Made Excellence

At the heart of every [SkidWeigh SC Series Lift Truck Scale](#) is our proprietary **Hydraulic Pressure Transducer**. The SC Series integrates directly into your vehicle's lift circuit. This design delivers seamless, highly durable **$\pm 0.5\%$ to 1.0% load accuracy** of total vehicle lift capacity.

We do not believe in off-the-shelf compromises.

Our [exclusive Swiss partnerships](#) provide the advanced manufacturing technology required to build custom hydraulic pressure transducers. Tailored exclusively for material handling applications, these heavy-duty sensors deliver best-in-class hydraulic measurement that withstands the most brutal warehouse and shipping terminal shifts

Built-In Forklift Protection

Industrial lifting causes heavy pressure spikes. Each Swiss-engineered transducer features a **built-in pressure snubber** for advanced hydraulic spike protection. Backed by an industry-leading **proof pressure of 2.5 x range (up to 6,000 PSI)**, the system maintains structural integrity where lower quality after market sensors fail.