

TECHNICAL SPECIFICATIONS

NON- TRADE					
Model	Carriage Class	Front Plate Dimensions (cm)	Back Plate Width (cm)	Non Trade *	
				Capacity (kg)	Resolution (kg)
LTEF16	II	41 x 91	79	2,200	0.5
LTEF20	III	51 x 107	91	4,500	1
LTEF20-N42	III	51 x 107	91	4,500	1
LTEF20-48-10K	III	51 x 122	107	On Request	On Request
LTEF20-48-15K	III	51 x 122	107	On Request	On Request
LTEF25-10K	IV	64 x 122	107	On Request	On Request
LTEF25-15K	IV	64 x 122	107	On Request	On Request
LTEF25-20K	IV	64 x 122	107	On Request	On Request

TRADE APPROVED - Systems are available on request and are subject to application.					
Model	Carriage Class	Front Plate Dimensions (cm)	Back Plate Width (cm)	Trade Approved *	
				Capacity (kg)	Resolution (kg)
LTEF16N	II	41 x 91	79	2,200	1
LTEF20N-42	III	51 x 107	91	4,500	2
LTEF20N-48	III	51 x 122	107	4,500	2
LTEF25N	IV	64 x 122	107	9,000	5

Other models are available, please call us to find out more if you cannot find the size you need here.
*Maximum capacities, resolutions and de-rating percentages are dependent on the make and model of fork lift truck.



NEXUS By Positive Weighing Solutions Ltd
The sole distributor for the NEXUS lift truck scale outside of the US.
Get in touch now to discuss what you need and get a quote.

Call: 01684 561 002
Email: info@positiveweighing.co.uk

European Distribution by



Unit 8 The Clifton Centre, Spring Lane South, Malvern, WR14 1BJ



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NEXUS

THE ONLY
RELIABLE OPTION!

The **NEXUS** fork lift truck scale attaches to most types of lift truck carriages and requires no modification to the lift truck. This is because the **NEXUS** doesn't connect to the lift truck's hydraulic system. Lifting, weighing, counting, accumulating and transporting are accomplished as a single efficient operation. This streamlines work-flow by eliminating the time-consuming task of taking shipments to remote platform scales.

- Single tension load cell with 0.1% accuracy
- Overload rating of 300%
- Safety plates and bolts provide a 5 to 1 safety factor
- 10 Step installation procedure which requires no physical modification to your existing fork truck
- **NEXUS** scales attach readily to class II, III and IV carriages
- Trade approved version available upon request*
- Improved de-rating percentages*

ACCURACY

The unique single load cell design provides superior load-sample linearity, as-well-as maintaining both heel-to-toe and fork-to-fork accuracy. **Please note: If you are generating an invoice from weighment data then the application is Legal for Trade, if not then Legal for Trade is not required. Any trade approved requirements must be notified at the point of enquiry.*

SAFETY

Two rugged grade-8 steel bolts secure the scale base for service, or in the event the flexures fail due to unintentional abuse, thereby preventing damage to the load cell. These safety bolts secure the load even if the scale is damaged by overloading (accidental misuse or abuse). The load cell rating has been selected to withstand an overload of 300% without inflicting damage.

DURABILITY

The multiple flexures absorb the constant shock of loadbearing while transferring the weight to the load cells. These critical elements have no moving parts, reducing the potential for failure. The unique flexure system is unlike others on the UK Market and has been tested in aggressive environments alongside other models. It has outperformed all other manufacturers within our trials in both speed and durability.

CONNECTIVITY



The NEXUS scale offers systems with advanced metrology and computing devices

All support wireless data transfer and operations automation software.

INSTALLATION & SUPPORT

All our engineers are fully trained in the installation, calibration and maintenance of the **NEXUS** carriage on a UK wide basis. On 99% of trucks, installation is achieved easily in half a day. We are only able to offer Installation and maintenance training for members of the UK Weighing Federation and as such any current member will have access to all training and support to ensure this product is maintained correctly for you.

BENEFITS OF WEIGHING ON YOUR FORK LIFT TRUCK

- Totalise your loads for accurate road weights and avoid costly reloads and overweight fines.
- Increase revenue by check weighing and correcting understated shipment weights*.
- Improve your speed and efficiency during loading by reducing number of lifts with fast accurate integrated weighing.

NEXUS BEHIND THE NAME

Noun

1. A connection or series of connections linking two or more things: "The *nexus* on any fork lift scale are the flexures."; 1a. A connected group or series: "A *nexus* of flexures."; 2. A central or focal point: "The *nexus* on any fork lift is it's scale."

Origin

Mid 17th century: from Latin, 'a binding together', from nex- 'bound', from the verb 'nectere'.
At Positive Weighing we chose the name **NEXUS** because it's definition explains perfectly what it is. The **NEXUS** has 10 flexures spread across the plates. This is unique to the **NEXUS**. All of these flexures connect the unit making it strong and resilient.

Call us on **01684 561 002** or email us at **info@positiveweighing.co.uk**

POSITIVE
WEIGHING SOLUTIONS