

Thor Forklift Truck Scale in Mild Steel R320 Industrial Indicator

Heavy Weigh Forks, combining time proven durable design with the latest innovations in industrial weighing. High Accuracy Scale 0.1% of the applied load with a Class 2 capacity 2500kg x 0.5kg graduation. Class 3 capacity 5000kg x 1kg graduation. (other display resolutions available) Supplied calibrated and ready to use, power taken from the trucks battery as to maintain a single charging routine.

The R320 is a digital weighing indicator that is fully trade approved under OIML to 4,000 divisions. The unit's software is run from flash memory and can be upgraded in the field using the rin-link connection. The programmable function key can be configured for any one of the built-in functions (Counting, Manual Hold, Peak Hold, Live Weight Totalising). The built-in RS-232 serial port is 15kV protected. Two isolated setpoint outputs provide for basic weight-control or level-control functions.

User friendly design places the indicator in easy reach for the operator with-out heavily infringing on visibility



Display Performance

Resolution	Up to 30,000 divisions, minimum of 0.25mV/division, 20 updates/second (Trade 40
Zero Cancellation	±2.0mV/V
Span Adjustment	0.1mV/V to 3.0mV/V full scale
Stability/Drift	Zero: < 0.1uV/°C (+ 8ppm of deadload max) < 8 ppm/°C, Linearity < 20ppm, Nois
Excitation	5 Volts for up to 4 x 350 ohm load cells (4 wire or 6 wire + shield)
A/D Type	24 bit Sigma Delta with 8,388,608 internal counts

Avenger R320 Forklift Truck Scale

A/D Conversion rate	20Hz with FIR filtering > 80dB
Operating Environment	Temperature: -10 to +50°C ambient, Humidity: < 90% non-condensing
Digital	
Display	LCD - six 20mm high digits plus units and annunciators - LED Backlight
Setup and Calibration	Full digital with visual prompting in plain messages
Digital Filter	Sliding window average from 0.1 second to 4.0 seconds
Zero Range	Adjustable from ±2% to ±20% of full capacity
Power Input	
Battery	Power taken from the trucks main battery
Features	
rin-LINK data coupling	RS-232 Data Coupling for optional rin -LINK cable (to RS-232 PC port)
R323 Extra Features	RS-232 automatic transmit, network or printer driving
Assignable function key:	Unit switching, counting, manual hold, peak hold and animal weighing.
2 isolated transistor-drive outputs	
Battery backed clock calendar	
Approvals	OIML (TC6242, T6244), NSC (S420), CE, FCC, C-Tick
Weigh Forks	
Load cells	IP67 sealed stainless steel load cells—Flintec SLB 1000 C3 / R60 approved
Standard finish	High quality paint finish in blue grey RAL 7031 on contact surfaces
Construction	8mm thick Welded Mild Steel contact surface
Size	Class 2A forks at 1150mm long (other sizes available which include 2B, 3A, 3B and
Warranty	5 years on loadcells
Cables	Cabling, complete with Amphenol connectors