



Level Indication > Zero Emission

Roadside Hawk

Using the same principles as the Redtail Model, the Roadside is a compact design suited for higher pressure applications as well as underground tanks. The renowned Hawkeye durability and maintenance-free design are evident in this level gauge.

Design

The Roadside Hawk Gauge Head utilizes the same robust dry-seal technology as the Redtail Hawk Gauge System, eliminating downtime and maintenance associated with a leaking gauge head. The same integral sloped tank connection channel as found in the Redtail Hawk Gauge Head allows condensation to drain back into the tank, eliminating freezing risk. Two different Roadside Hawk Gauge Head system models are available, Standard (S) for use with a standard mechanical indicator, or Retractable (R), which does not require an external gauge board indicator for operation, instead using a Goshawk Transmitter and a precision balanced spring return mechanism, suitable for underground tanks.

Construction

Cast aluminum and stainless steel construction allow this unit to operate in most process conditions including high temperature, corrosive, sour gas. Due to the compact design, the Roadside Hawk can operate in pressures up to 1 bar.

Flexibility

Like the Redtail Hawk Gauge Head, The Roadside Hawk can be fitted with a Goshawk Transmitter, to indicate level electronically. This modification can be done before, or after installation with ease. Two versions of the Roadside are available, both of which are suitable for above or under ground use. The standard model, the Roadside S, has reels for both the float and indicator lines, whereas the Roadside R, replaces the indicator reel with a spring, eliminating the requirement for mechanical level indication.



Above: Roadside Gauge Head

Ordering Information

- 1.) Specify Roadside Hawk Sealed Gauge Head System
- 2.) Specify Standard (S) or Retractable (R)
- 3.) Specify Optional Goshawk Transmitter (req. for (R))
- 4.) Specify Tank Height and Volume
- 5.) Specify Gauge Board Readout (Volume or Linear Height)
- 6.) Specify Level Switches (if required)
- 7.) Specify Float Guide Anchor Plate (required if tank does not have attachment points at bottom for float guide cables)

Specifications

Measuring Principle	Float
Maximum Range	6 m [20 ft]
Local Display	Gauge Board & Indicator
Process Connection	1-1/2 NPT
Process Temperature	-40°C to 80°C (w/ PE Float)
Ambient Temperature	-40°C to 70°C
Pressure	1 bar [14.5 psi]

Related Products

Add these items to complete the Redtail Hawk Gauging System.

- ▶ Goshawk Level Transmitter (A)
- ▶ Polyethylene or Stainless Steel Float (B)
- ▶ Float Guide Kit (C)
- ▶ Float Guide Anchor Plate (D)
- ▶ Gauge Board with Decal and Mounting Clips (E)
- ▶ Indicator & Guide Kit (F)
- ▶ Level Switches (not shown)

Goshawk Transmitter

The optional bolt-on Goshawk Level transmitter adds 4-20 mA electronic level indication to the Roadside Hawk Gauge Head. See the Goshawk brochure for more information.

Output	4 - 20 mA
Power Supply	13 - 24 VDC, Loop.
Maximum Height	GH1: 5.5 m [18 ft] GH2: 8.3 m [27 ft]
Process Connection	Bolted via specific gauge cover
Hazardous Location	CSA Class I, Div. 1, Group C&D

