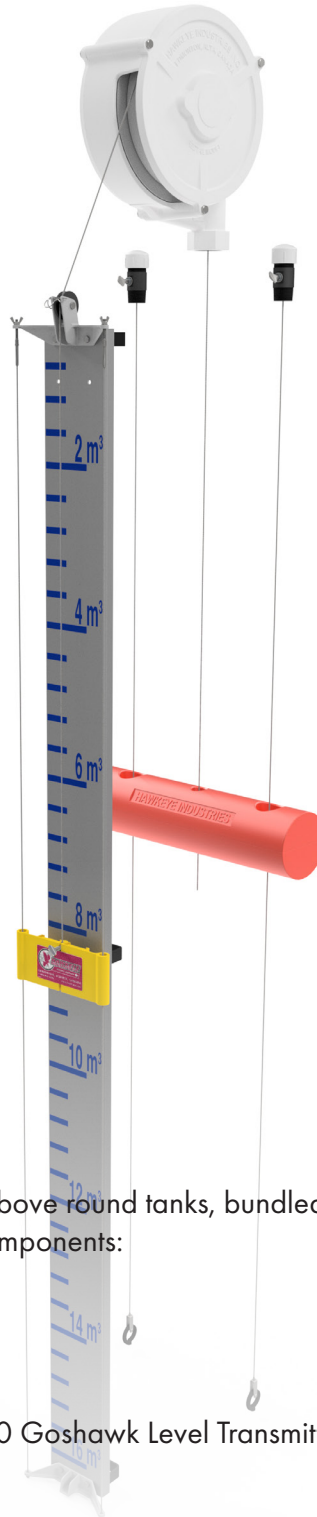


LEVEL INDICATION | SYSTEMS

# MODEL 1000 REDTAIL SYSTEM

PREMIUM ZERO EMISSION LEVEL INDICATION FOR ABOVE GROUND TANKS



## Features

- Premium sealed level indication system for above ground tanks, bundled together for considerable savings.
- A complete system includes the following components:
  - » Model 1000 Redtail Gauge Head,
  - » LLDPE (Red) Float and Float Guides,
  - » Graduated Gauge Board
  - » Hi Viz Guided Indicator.
- Can be optionally outfitted with Model 2000 Goshawk Level Transmitter.
- Components stocked for quick delivery.

# SYSTEM COMPARISON MATRIX



Model Name	Model 1000 <i>Redtail</i>	Model 1500 <i>Roadside</i>	Model 3000 <i>Sparrow Hawk</i>	Model 750	Model 750LS	Model 375	Model 375LS
System Type	Premium Sealed	Premium Sealed	Premium Open	Economy Open	Economy Sealed	Low-Profile Open	Low-Profile Sealed
Tank Connection	2 FNPT	1-1/2 MNPT	1-1/2 MNPT	1-1/2 MNPT	1-1/2 MNPT	1-1/2 MNPT 3/4 FNPT	1-1/2 MNPT 3/4 FNPT
Seal Technology	Dry Seal	Dry Seal	—	—	Liquid Seal <sup>1</sup>	—	Liquid Seal <sup>1</sup>
Measuring Principle	Mechanical (Float)						
Local Display	Tank mounted Gauge Board + Indicator						
Min. Operating Temp.	-40°C [-40°F]	-40°C [-40°F]	-40°C [-40°F]	-40°C [-40°F]	-40°C [-40°F]	-40°C [-40°F]	-40°C [-40°F]
Max. Operating Temp.	60°C [140 °F] 100°C [212 °F] <sup>2</sup>	60°C [140 °F] 100°C [212 °F] <sup>2</sup>	60°C [140 °F] 175°C [347 °F] <sup>2</sup>	60°C [140 °F] 175°C [347 °F] <sup>2</sup>	60°C [140 °F] 175°C [347 °F] <sup>2</sup>	60°C [140 °F] 175°C [347 °F] <sup>2</sup>	60°C [140 °F] 175°C [347 °F] <sup>2</sup>
Max Operating Pressure	0.15 bar [2 psi]	1 bar [14.5 psi]	n/a	n/a	0.15 bar [2 psi]	n/a	0.15 bar [2 psi]
Maximum Height	14.6 m [48 ft] 20.0 m [66 ft] <sup>3</sup>	6.0 m [20 ft] 9.8 m [32 ft] <sup>3</sup>	24.3 m [80 ft]	24.3 m [80 ft]	24.3 m [80 ft]	24.3 m [80 ft]	24.3 m [80 ft]
Graduated Gauge Board	●	●	●	●	●	●	●
Hi Viz Guided Indicator	●	●	●	●	●	●	●
Hi Viz Wraparound Indicator	—	—	○	○	○	○	○
Float Guide Kit	●	●	●	●	●	●	●
Guided LLDPE (red) Float	●	●	●	●	●	●	●
Guided Stainless Float	○	○	○	○	○	○	○
Model 2000 Goshawk Transmitter compatible	○	○	—	—	—	—	—
Output <sup>4</sup>	4 - 20 mA	4 - 20 mA	—	—	—	—	—
Power Requirement <sup>4</sup>	13 - 24 VDC	13 - 24 VDC	—	—	—	—	—
HazLoc <sup>4</sup>	Cl. I Div 1, Gr. C&D T6 Cl. I Zn. 1 IIB T6	Cl. I Div 1, Gr. C&D T6 Cl. I Zn. 1 IIB T6	—	—	—	—	—

● Standard ○ Optional — Not Applicable / Not Available  
<sup>1</sup> Patented US8,833,158 CAN2,734,915 <sup>2</sup> Requires Stainless Steel Float <sup>3</sup> Requires non-stock extended height gauge head. <sup>4</sup> With Model 2000 Goshawk Transmitter.

# CONFIGURATION MATRIX

Build your system using the configuration matrix below, and contact your Hawkeye representative to order.

Components      Height      Volume      Trim

**LSYS** \* — **RT** **X** **N** **F** — **H** **H** **H** **V** **V** **V** **V** **V** **U** **T**

<b>[X] Goshawk Prep</b>		<b>[N] Indicator</b>		<b>[F] Float</b>		<b>[H] Height</b>		<b>[V] Volume</b>		<b>[U] Volume Units</b>		<b>[T] Trim</b>	
Selection	Flag	Selection	Flag	Selection	Flag	Selection	Flag	Selection	Flag	Selection	Flag	Selection	Flag
<b>None</b>		<b>Hi Viz Guided</b>	<b>G</b>	<b>LLDPE (Red)</b>	<b>P</b>	<b>4</b>	<b>004</b>	<b>0</b>	<b>00000</b>	<b>Cubic metres [m³]</b>	<b>M</b>	<b>Standard</b>	
Goshawk-Ready	<b>GH</b>			Stainless	<b>S</b> <sup>1</sup>	<b>5</b>	<b>005</b>	<b>1</b>	<b>00001</b>	Linear meters [m]	L	Acid Service	<b>-A</b>
						<b>6</b>	<b>006</b>	<b>2</b>	<b>00002</b>	Litres [L]	R		
						...	...	...	...	Gallons [gal]	G		
						<b>48</b> <sup>2</sup>	<b>048</b>	<b>120</b>	<b>00120</b>	Barrels [bbl]	B		
						...	...	...	...				
						<b>66</b> <sup>3</sup>	<b>066</b>	<b>99999</b>	<b>99999</b>				

Examples	Code
Model 1000 Redtail Level Indication System c/w Guided Indicator Kit, LLDPE (Red) Float with Guides 24 ft x 120 m3 Gauge Board, Standard Trim	<b>LSYS-RTGP-02400120M</b>
Model 1000 Redtail with Goshawk Level Indication System c/w Guided Indicator Kit, Stainless Steel Float with Guides 32 ft x 160 m3 Gauge Board, Standard Trim	<b>LSYS-RTGHGS-03200160M</b>
Model 1000 Redtail Level Indication System c/w Guided Indicator Kit, LLDPE (Red) Float with Guides 24 ft x 35000 L Gauge Board, Acid Trim	<b>LSYS-RTGP-02435000L-A</b>

Standard selections are in bold.

**NOTES**  
 1 Not available with Acid Trim option.  
 2 Model 1000 Redtail Standard maximum height is 48 ft.  
 3 Model 1000 Redtail non-stock maximum heights up to 66 ft available.  
 \* Order codes generated using this matrix are for reference only. Configurations, options and matrix are subject to change without notice, and should not be relied upon for documentation purposes. Refer to your Hawkeye Quote or Sales Order for system details.  
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