

Petroleum Equipment Catalog



Order Line: 800.289.7371

Your petroleum equipment partner

Thank you to all of our customers who have chosen the Acterra Group as their petroleum and maintenance equipment supplier. We understand that our success is directly tied to yours and therefore we continue to focus on ways to help your business grow.

To most people, a valve is a valve, a tank is a tank, or a pump is a pump, however, we know that this isn't the case. The brand, the style, the color, the application, and the price all play a part in how you select the products you need. Let Acterra help you select the right product for your application.

We are committed to providing you with unbeatable service. Please take some time to look through our catalog. We can't put everything we sell into this catalog. If you don't see what you need – give us a call and we will find it for you.

Since 1958, the Acterra Group has provided equipment, construction, and service to the petroleum and industrial chemical industries.

Offices in Iowa, Illinois, Colorado & Wisconsin We look forward to working with you soon.

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Verifone®
Wayne

TANKS & ACCESSORIES

Fireguard® Fire-Protected Aboveground Tanks

Fireguard® doublewall fire-protected aboveground storage tank features an inner and outer steel tank with a thermal insulation material that exceeds the UL 2-hour fire test. Insulating material is 75% lighter than concrete. Limited 30 year warranty included. Custom sizes, vertical and rectangle options available.

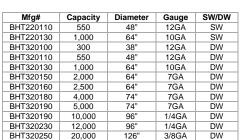


Mfg#	Capacity	Diameter	Туре
BHT620100	300	38"	B-Skid
BHT620110	550	64"	B-Skid
BHT620130	1,000	64"	B-Skid
BHT620140	2,000	64"	B-Skid
BHT620160	3,000	64	B-Skid
BHT620170	4,000	84"	B-Skid
BHT620180	5,000	96"	B-Skid
BHT620190	6,000	96"	B-Skid
BHT620200	8,000	96"	B-Skid
BHT620210	10,000	96"	B-Skid
BHT620220	12,000	96"	B-Skid
BHT630120	15,000	132"	Saddle
BHT630130	20,000	132"	Saddle
BHT630140	25,000	132"	Saddle
BHT630150	30,000	144"	Saddle

B-Skid Fuel Storage Tanks

300 - 2000 Gallons

UL style B-skid tanks are the choice of most commercial applications. Single wall and double wall options are available. Double wall meets EPA SPCC containment requirements. Includes (3) 2" FNPT threaded top bungs & (1) lifting lug.



Permatank® Underground Storage Tanks

Permatank® double-wall jacketed underground storage tanks feature inner steel tank coupled with exterior corrosion-resistant fiberglass. Standoff material separates the inner and outer tanks creating an interstitial space for leak detection. Limited 10 year & 30 year warranty available. Custom sizes are available.



Mfg#	Capacity	Size	Gauge
BHT720100	1,000	64"	10GA
BHT720110	2,000	64"	7GA
BHT720120	3,000	64"	7GA
BHT720130	4,000	64"	7GA
BHT720140	5,000	96"	7GA
BHT720150	6,000	96"	7GA
BHT720160	8,000	96"	7GA
BHT720170	10,000	96"	7GA
BHT720180	12,000	96"	1/4GA
BHT720190	15,000	108"	1/4GA
BHT720200	20,000	108"	1/4GA

Flameshield® 2-Hour Fire-Rated Aboveground Tanks

Flameshield® aboveground storage tanks are manufactured with a tight-wrap double-wall design. Standard features include 2-hour fire-tested performance, built-in secondary containment and interstitial monitoring capability. Limited 30 year warranty included. Custom sizes, vertical and rectangle options available.



			-
Mfg#	Capacity	Diameter	Type
BHT520100	300	38"	B-Skid
BHT520120	550	64"	B-Skid
BHT520130	1,000	64"	B-Skid
BHT520150	2,000	64"	B-Skid
BHT520170	3,000	64"	B-Skid
BHT520180	4,000	84"	B-Skid
BHT520190	5,000	96"	B-Skid
BHT520200	6,000	96"	B-Skid
BHT520210	8,000	96"	B-Skid
BHT520220	10,000	96"	B-Skid
BHT520230	12,000	96"	B-Skid
BHT530240	15,000	132"	B-Skid
BHT530150	20,000	132"	Saddle
BHT530160	25,000	132"	Saddle

Call for Tanks

Aboveground or Underground 100 gallons to 50,000 gallons Fuel & Chemical Storage Direct from Manufacturer

B-Skid Fuel Storage Tanks

300 - 2,000 Gallons

Non-UL style B-skids are the choice of most farm and light commercial applications. The full length B-skid properly supports the tank and its contents from shifting.

Mfg#	Capacity	Diameter	Gauge	SW/DW
BHT120100	300	38"	14GA	SW
BHT120110	500	48"	13GA	SW
BHT120120	1000	48"	12GA	SW
BHT120130	1000	64"	12GA	SW
BHT120140	2000	64"	10GA	SW

Farm Tank Packages

Economic packages include the essentials to get you up and running in a "farm" type application. Many options available.

Mfg#	Capacity	Diameter	Gauge	SW/DW
BHT120100PKG	300	38"	14GA	SW
BHT120110PKG	500	48"	13GA	SW
BHT120120PKG	1000	48"	12GA	SW
BHT120130PKG	1000	64"	12GA	SW
BHT120140PKG	2000	64"	10GA	SW

Commercial Tank Packages

This package works well in most small commercial and industrial applications for refueling vehicles. Includes proper venting to meet fire codes. Many options available.

- Fill-Rite 115vAC pump w/meter, hose, manual nozzle & anti-siphon kit
- Pressure vacuum vent
- Emergency Vent(s)
- Golden Gauge

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Mfg#	Capacity	Diameter	Gauge	SW/DW
BHT220100PKG	300	38"	12GA	SW
BHT220110PKG	550	48"	12GA	SW
BHT220130PKG	1000	64"	10GA	SW
BHT320100PKG	300	38"	12GA	DW
BHT320110PKG	550	48"	12GA	DW
BHT320130PKG	1000	64"	10GA	DW
BHT320150PKG	2000	64"	7GA	DW







Tank Packages - Complete Fueling Systems

Custom tank applications to fit your fueling needs. Systems are factory manufactured and shipped directly to your location. Simply plug in the system and it is ready for use. Tanks can be single-wall or doublewall construction along with fire rated systems utilizing Fireguard® and Flameshield® technology. Other customer fabrication options are available including stainless steel, attached pump shelving, and fill boxes.





- Comply SPCC containment requirements
- UI 142 Listed
- Customizable to meet your fueling needs
- **Fuel Management Options**

UL-142 Vertical Tanks

Vertical UL-142 aboveground steel storage tanks provide safe storage of flammable and combustible liquids using minimal space. Tanks can be constructed in singlewall and doublewall configurations. Double-wall UL-142 tanks provide secondary containment for both bottom and shell (wall) surfaces maintaining a single-wall top. The outer shell is seal-welded to the inner shell, just below the top head. Emergency vent fittings are provided for the inner and outer tanks. Tanks can be specified with a flat, coned, or dished top and can be manufactured from mild carbon or stainless steel.



Mfg#	Capacity	Diameter	Gauge	SW/DW
BHT240100	300	38"	12GA	SW
BHT240110	500	48"	12GA	SW
BHT240120	1,000	64"	10GA	SW
BHT240140	2,000	64"	7GA	SW
BHT240200	10,000	132"	7GA	SW
BHT240230	17,000	132"	7GA	SW
BHT240240	20,000	144"	7GA	SW
BHT340100	300	38"	12GA	DW
BHT340110	550	48"	12GA	DW
BHT340120	1,000	64"	10GA	DW
BHT340140	2,000	64"	7GA	DW
BHT340180	6,000	96"	7GA	DW
BHT340190	8,000	96"	7GA	DW
BHT340200	10,000	132"	7GA	DW
BHT240210	12,000	132"	7GA	DW

Call for Tanks

Aboveground or Underground 100 gallons to 50,000 gallons Fuel & Chemical Storage Direct from Manufacturer

TANKS & ACCESSORIES

Poly Tanks

Snyder Industries provides a full range of product designs, including closed or open-top vertical tanks in flat or cone-bottom styles, horizontal, containment and a complete line of UN/DOT-approved intermediate bulk containers (IBCs).



Rhino Tuff Tanks

Rhino space-saving fluid systems are simple, dependable, and strong. All tank sizes can be stacked with each other, in any combination. Rhino Tuff Tanks are available in 5 individual sizes including 80, 120, 180, 240, and 325 gallons. Our stand bases are available and have been created to match our tanks'



specific contoured design. You can order complete systems including tanks, stands. valves, pumps, and reels, customized to your individual needs.

Vertical Tank Gauges

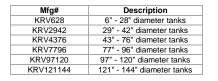
Tokheim gauges are ideal for all petroleum based products. Consists of a 12" diameter welded aluminum float, stainless steel measuring tape (graduated in feet, inches, and weights), and all essential fittings. Standard pipe not included.



Mfg#	Capacity
TOC20RAV18	For tanks 18' or less
TOC20RAV19	For tanks 19' to 25'
TOC20RAV25	For tanks 16' to 35'
TOC20TV18	18' replacement tape

Interstitial Leak Gauges

Kruger Sentry gauges provide direct mechanical action to detect leakage of the inner tank.





At-A-Glance Gauges

Kruger Sentry gauges provide direct mechanical action, reliable construction and "at-a-glance" readability make this gauge a perfect choice for tanks with depths up to 12'.



Mfg#	Description
KRVH238	For 38" diameter tanks
KRVH244	For 44" diameter tanks
KRVH247	For 48" diameter tanks
KRVH264	For 64" diameter tanks

Gallon Gauge

Scully gauges are well suited for small tank applications that require a vapor tight connection from all the tank accessories on the tank top. Available in two styles; reads in gallons versus reads in inches.



Mfg#	Description	Reads In
SCU03101	275 gallon - 44"	Gallons
SCU03159	560 gallon - 48"	Gallons
SCU03160	1000 gallon - 48"	Gallons
SCU03161	1000 gallon - 64"	Gallons
SCU03117	48" diameter tanks	Inches
SCU03187	64" diameter tanks	Inches

Clock Style Gauge

Morrison clock gauges measure liquid level in aboveground storage tanks. Gauge mounts on top of tank and is activated by a float connected to a cable. Readout is on a 12 hour clock face. Small hand = feet or meters Large hand = inches or centimeters. Gauge can be read 20-30 feet away to within 1/8 ". Maximum measurement is 12 ft.



Mfg#	Capacity
MOR8180100AG	2" gauge - male threads
MOR818F0100AG	2" gauge - female threads

Clock Style Gauge w/ Overfill Alarm

Morrison overfill alarms utilizes the 818 style clock gauge with a built-in high level warning alarm. Contains a battery powered, intrinsically safe, alarm unit that is mounted remote from gauge. Alarm is set for desired level during installation and can be reset at any time for a change in alarm level requirements.

Mfg#	Capacity
MOR9180100AG	2" gauge - male threads
MOR918F0100AG	2" gauge - female threads

End Gauges

Rochester lever-action gauges are designed primarily for use in stationary horizontal cylindrical farm tanks or other tanks with flat heads. They are to be mounted on the centerline in the middle of the head.

Mfg#	Capacity
ROCF718300025F	1.5" end gauge
ROCF7183000SF5	1.25" end gauge

Updraft Vent

Morrison atmospheric updraft vents are installed on the top of storage tank vent pipes on underground and aboveground fuel storage tanks allowing unrestricted evaporation of product.

Mfg#	Description
MOR35401000AV	1.5" - slip on
MOR35402000AV	2" - slip on
MOR35403000AV	3" - slip on

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Combo Vent/Alarm

The Morrison audible alarm whistles when the liquid level in the aboveground storage tank reaches the preset level. The pressure vacuum vent allows the tank to breathe during filling and dispensing operations.



Mfg#	Description
MOR9220200AA	2" fill/vent alarm combo

Pressure Vacuum Vent

Morrison pressure vacuum vents are installed on the top of underground and low volume aboveground storage tank vent pipes. Vent allows tank to breathe during filling and discharging operations.



Mfg#	Description
MOR7490100AV	2", 8oz threaded
MOR7490200AV	2", 12oz threaded
MOR749S0100AV	2", 8oz slip on

Pressure/Vacuum Vent

Morrison pressure vacuum vent designed for installation on top of the vent pipe of a storage tank. The vent allows the tank to "breathe" during filling and dispensing operations. This vent must be used in conjunction with an emergency vent.



Mfg#	Description
MOR748A0200AV	2" 4oz/sq in.
MOR748A0400AV	2" 8oz/sq in.
MOR748A0600AV	2" 1607/sq in

Pressure/Vacuum Vent w/ Gauge Hatch

Morrison pressure/vacuum vents allow for "normal" venting of aboveground storage tanks. Allows tank to "breathe" during filling and discharging operations. Pressure/ vacuum poppets seal vapors in the tank when pressure is equalized. This vent must be used in conjunction with an emergency vent.



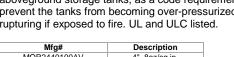
Mfg#	Description
MOR548A0200AV	2" 4oz/sq in.
MOR548A0400AV	2" 8oz/sq in.
MOR548A0800AV	3" 4oz/sq in.
MOR548A1000AV	3" 8oz/sq in.



TANKS & ACCESSORIES

Emergency Vent – Female Threads

Morrison emergency vents (pressure relief) are used on aboveground storage tanks, as a code requirement that helps prevent the tanks from becoming over-pressurized and rupturing if exposed to fire. UL and ULC listed.



Mfg#	Description
MOR2440100AV	4", 8oz/sq in.
MOR2440200AV	6", 8oz/sq in.
MOR2440600AV	8", 8oz/sq in.

Emergency Vent - Male Threads

Morrison emergency vents (pressure relief) are used on aboveground storage tanks, as a code requirement that helps prevent the tanks from becoming over-pressurized and rupturing if exposed to fire. UL and ULC listed.

Mfg#	Description
MOR244M0100AV	4", 8oz/sq in.
MOR244M0200AV	6", 8oz/sq in.
MOR244M0600AV	8", 8oz/sq in.

Emergency Vent - Flanged

Morrison emergency vents (pressure relief) are used on aboveground storage tanks to help prevent the tank from becoming over-pressurized and rupturing if exposed to fire.

Mfg#	Description
MOR244F0100AV	8" 8oz/sq in.
MOR244F0400AV	10" 8oz/sq in.
MOR244F01102G	8" flange gasket
MOR244F03102G	10" flange gasket
MOR244F0107AN	8" nut & bolt set
MOR244F0507AN	10" nut & bolt set
MOR244C01001F	8" flange
MOR244C02001F	10" flange



Foot Valves & Check Valves

Morrison foot and check valves are installed at the inlet of suction lines. as a prime holding valve. Used as prime holding check valves typically in suctions systems. Designed for use in vertical piping systems.



Mfg#	Description
MOR7490100AV	2", 8oz threaded
MOR7490200AV	2", 12oz threaded
MOR749S0100AV	2", 8oz slip on
MOR749S0200AV	2", 12oz slip on
MOR335B0100AV	1.5" vertical check
MOR335B0200AV	2" vertical check

Anti-Siphon Valve

Morrison anti-siphon valves are used to help prevent the accidental siphoning of a product from a tank in the event of a leak downstream below the liquid level.



Mfg#	Description
MOR910ER0000AV	1.5" ASV, 50 PSI
MOR910ER0100AV	2" ASV, 50 PSI
MOR910ER1000AV	1.5" ASV 25PSI
MOR910ER1100AV	1.5" ASV, 25 PSI



Solenoid Valve

Morrison normally closed solenoid valves help prevent accidental siphoning of product from a tank in the event of a fracture in the pipe or other cause for leak downstream and below the liquid level. Valve opens upon receipt of an electronic signal such as when a dispenser or pump is switched to the on position.



Mfg#	Description
MOR71001001V	1" solenoid - Viton
MOR71001501V	1.5" solenoid – Viton
MOR71002001V	2" solenoid - Viton
MOR71003001V	3" solenoid - Viton

Emergency Shutoff Valve

Morrison single poppet emergency shut-off valves are installed on fuel supply lines under dispensers to minimize collision and fire hazards at the dispenser. It is designed to shut-off the flow of product in the event of a dispenser impact or a fire involving the dispenser. (male & female available).



Mfg#	Description
MOR636F0000AVU	1.5" x 1.5" impact valve – female
MOR636F0200AVU	2" x 2" impact valve – female

Stage I Vapor Recovery Adaptor

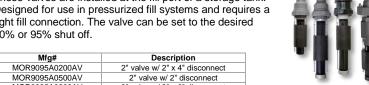
Morrison Stage 1 vapor recovery adaptors mate with vapor recovery elbows and couplings as a connection device to return fuel vapors from the tank to the delivery vehicle tank truck during the filling operation.

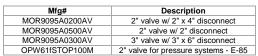


I	Mfg#	Description
	MOR3230100AA	4" x 3" VR adaptor
	MOR3230200AA	4" x 4" VR adaptor
	MOR3230300AA	4" x 3" VR adaptor - Viton

Overfill Prevention Valve

These valves are installed at the fill port of a storage tank. Designed for use in pressurized fill systems and requires a tight fill connection. The valve can be set to the desired 90% or 95% shut off.





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Tank top spill containers are designed to contain small spills that occur at the fill point on aboveground storage tanks.



Mfg#	Description
MOR5180100AC	Spill box - 4" female thread 7.5 gal

AST Remote Spill Container

Remote fill boxes are simple 7-15 gallon capacity cabinets providing containment of small spills during tank filling operations.



Mfg#	Description
BHT925000	Remote spill box w/ hole for 2" pipe
BHT926000	Remote spill box w/ flange for 2" pipe
MOR7150100AC	Spill box - 4" female thread 7.5 gal

Top 3.5 Gal AST Spill Container

For use on aboveground storage tanks for the purpose of containing small fuel spillage during remote tank filling operations.



Mfg#	Description
MOR5170100AC	Spill box - 2" male thread 3.5 gal
MOR5170200AC	Spill box - 4" male thread 3.5 gal

Pre-Vent Fill Cap

Replacement Pre-Vent fill caps are for aboveground gasoline or diesel fuel storage systems. Convenient to lock, the cap provides automatic pressure & vacuum relief @ 2.5psi & 1.5oz.



Mfg#	Description
CIM60003	2" - cap only
CIM60001	2" cap & adaptor

Threaded Style Fill Cap

Designed for tank filling applications where a tight fill connection is not required. Adaptor permanently threads onto riser pipe of fill nipple, cap threads onto adaptor.



Mfg#	Description
MOR1780100AC	2" - iron fill cap
MOR1780700AC	2.5" - iron fill cap
MOR1780900AC	3" - iron fill cap



FUELING ACCESSORIES

Cabinet Dispensing Systems

Fill-Rite's all new line of cabinet pumps and meters provide a fuel dispensing solution for virtually every application. The Fill-Rite legacy of rugged durability and pride in workmanship are clearly evident.

Mfg#	Description	Meter	Pump
FR902DP	900DP Cabinet	900DP	No
FR302DP	900 DP + 300 Cabinet	900DP	FR300
FR910PM	PM W&M Cabinet	TS10A	No
FR102PH	Pedestal nozzle hook	No	No



FR3210B High Speed 12v DC Pump

Fill-Rite pump delivering 25 gallons per minute, the FR3200 can fill a 500-gallon tank in just 20 minutes. And because it weighs less than 50 pounds, the FR3200 makes your operation highly mobile.



Mfg#	Description
FIL712110	25 gpm, hose, and nozzle

FR1210C & FR1211C 12v DC Pump

Fill-Rite standard DC pump dispenses up to 15 GPM (57 LPM). The FR1210C is ideal for pumping gas, diesel fuel and kerosene. The FR1210C comes complete with 12' static wire hose and manual nozzle.



Mfg# Description	
FIL712030	12VDC hi-speed pump - w/o register
FIL712040	12VDC hi-speed pump w/ register

FR700V, FR701V, FR711VA 115v AC **Heavy Duty Transfer Pump**

Fill-Rite rugged, positive displacement, Heavy Duty pump is UL listed. Explosion proof UL listed 1/3 HP motor (115 VAC-60Hz) with sealed bearings, Heavy Duty switch, thermal overload protection and junction box.



Mfg#	Description
FIL712000	115VAC pump - 20gpm w/ register
FIL712010	115VAC pump - 15gpm w/out register
FIL712020	115VAC pump – 18gpm w/register & automatic nozzle



FR301V & FR311V 115/230 Volt **Pump / With Meter**

Fill-Rite High Flow AC Utility Rotary Vane Pumps. The FR311V has an open flow rate of 30 GPM.

Mfg#	Description
FIL712010	115VAC pump – 30gpm w/ register
FIL712020	115VAC pump - 30gpm w/o register



12V DC Pump

GPI 12-volt DC Aluminum Gear Pump for fuel with manual unleaded nozzle. Up to 15 GPM. Includes 18 ft. power cord, 3/4 in, x 12 ft, 3.7 m) hose, and adjustable suction pipe.



Mfg#	Description
GPI712030	12VAC pump - 15gpm (#25)
GPI712040	12VAC pump - with meter
GPI712050	12VAC High Speed pump – w/out meter

115v AC Vane Pump

GPI 115-volt AC Vane Pump for fuel with manual leaded nozzle. Delivers up to 20 GPM. 1 inch NPT outlet. Includes 1 in. x 3/4 in bushing and 3/4 in. 12 ft. (3.7 m) hose.



Mfg#	Description
GPI712000	115 V with register 20 gpm
GPI712010	115 V without register
GPI712020	115 V with register and super duty pump

CUBE 70 MC

Piusi USA Diesel fuel dispenser for non-retail use with fuel management system. Local memory capable of storing data for last 255 operations. Interfaces with PC for sending and organizing data. Possibility of entering vehicle registration number, miles, date and time of dispensing operation.



Mfg#	Description
F0059400C	AC or DC version 18 gpm

Farm Pump Hose with Static Wire

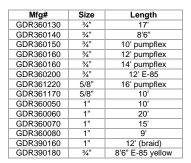
Utilizing brass hose ends and ferrules rather than chrome, this hose remains economical dispensing hose for low to medium use. For use with all types of gasoline, oil and petroleum based products.



Mfg#	Size	Length
GDR360230	3/4"	10' farm
GDR361300	3/4"	14' farm w/ static
GDR361320	1"	20' farm w/ static
GDR361330	1"	14' farm w/ static
GDR361340	3/4"	20' farm w/ static

Pumpflex Service Station Curb Hose

Designed for superior resistance to harsh effects of all modern fuels and additives. Curb pump hose designed for self-service stations and highly sensitive electronic fuel pumps. U/L Listed.



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E-85 Swivel & Breakaway

Designed for use with today's alternative fuels, and features a protective, electroless, nickel-plated body and spout to prevent contamination of methanol fuels.



Mfg#	Description
OPW45M0492	E-85 Alternative Fuel Swivel
OPW66V0492	E-85 Alternative Fuel Breakaway

Pup" Swivels

Swivel is compact and light for easy handling. It has a high flowrate due to laminar flow design. It is multi-plane, with a full 360degree spherical rotation for easy movement.



Mfg#	Description
HUS900070	1" M X ¾" F swivel
HUS900080	1" X 1" F swivel
HUS900090	3/4" M X 3/4" swivel
HUS900100	1" high flow swivel

Breakaways

Recouples easily without the need for a repair kit. Designed to be lightweight, easy to resnap and break at or under 350 pounds pull.



Mfg#	Description
OPW66REC-1000	3/4"F breakaway
RIC4930	3/4"F breakaway
RICT2000B	1"F breakaway
RICT3000B	1.25"F x 1"F breakaway

Single Use Breakaways

Breakaway helps reduce or eliminate damage resulting from accidental drive away at refueling stations. Requires replacement after initial separation.



Mfg#	Description
HUS2273	3/4"F X 3/4"F breakaway
RIC4920	3/4"F X 3/4"F breakaway
RICT1002	1"F X 1"F breakaway
RICBR150	1 1/2"F X 1 1/2"F breakaway
RICBR200	2"F X 2"F breakaway

FUELING ACCESSORIES

Automatic Fuel Nozzles (3/4")

Designed with today's consumer in mind. Small, trim, light in weight, easy and convenient to use, along with its strong body, durability and good service.



Mfg#	Model	Color
OPW540990	11B-0100	Green
OPW541130	11B-0900	Yellow
OPW541150	11B-0400	Black
OPW540940	11BP-0300	Red
OPW540970	11BP-0400	Black
OPW541140	11BP-0222-E85	Yellow
OPW541200	7HB-0100	Green
OPW541210	7HB-0900	Yellow
OPW541160	7HB-0400	Black

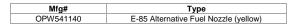
Hi-Flow Truckstop Nozzle

HIGH FLOW heavy-duty nozzle with an over-sized spout that is designed specifically for commercial use such as truck stops. fleet operations and cardlock facilities. Its 3-position hold open device allows for easy setting of the desired flow rate.

Mfg#	Model	Spout	Color
OPW620490	7H-0100	1" Hi-Flow	Green
OPW541260	7H-400	1" Hi-Flow	Black
OPW541250	7H-900	1" Hi-Flow	Yellow
HUS540200	1+8	1" Hi-Flow	Green
HUS540230	1+8	1" Hi-Flow	Black
HUS540240	1+8	1" Hi-Flow	Yellow

E-85 Compatible Nozzles

Designed for use with today's alternative fuels, and features a protective, electroless, nickel-plated body and spout to prevent contamination of methanol fuels.







Automatic Farm Nozzle

Farm, 12V skid tank pumps, or larger pumps without air eliminators. Not to be used for gravity pumps. Not legal for retail dispensing.



Mfg#	Model	Spout	Color
HUS540130	1GS	Unleaded	Blue
HUS540140	1GS	Leaded	Red
HUS540120	1GS	Hi-Flow	Green

Spacer Hose

Hose allows easy installation of any breakaway regardless of being used on a high-hose retail dispenser or a commercial cabinet pump.

Mfg#	Description
RIC730070	3/4" X 14" spacer hose
RIC730060	3/4" X 9" spacer hose E-85
RIC730050	1" X 12" spacer hose

DOT Truck Placards & Tank Decals

10.75" x 10.75 decals that comply with DOT regulations. Also available in aluminum. Printed on one side.

Mfg#	Description
MAY180710	1203 Gasoline
MAY180720	1993 Fuel Oil



Pump & Tank Decale

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Mfg#	Description			
MAY180190	4" X 14" Flammable Decal			
MAY180070	4" X 14" No Smoking Decal			
MAY180150	4" X 14" Diesel Decal (Red)			
MAY180160	4" X 14" Unleaded Decal			
MAY180920	7" X 25" Flammable Decal			
MAY180930	7" X 25" No Smoking Decal			
MAY180940	7" X 25" Diesel Decal			
MAY180960	7" X 25" Gasoline Decal			



UNLEADED



Wayne is forging new directions with advanced fuel dispenser equipment that enables retailers to do more with less. A global fuel dispenser manufacturer for retail and fleet applications, Wayne is leading the way with technological advances on multiple fronts, from eco-fuel solutions and regulation-compliant pay-at-the-pump security to multimedia marketing and groundbreaking site control systems. Acterra is an authorized Wayne distributor.

Ovation2™

The new Ovation2 dispenser is a true leader in the fuel dispenser industry. From design to functionality, these outstanding features will benefit your customers and you. New features include:

- Updated styling with cleaner lines.
- 25% larger branding area.
- Robust, tempered glass for all viewing windows.
- Expanded use of steel cladding helps enhance durability against weathering, aging, & abuse.
- Crisp, high-contrast, white-on black displays help improve visibility both day & night.
- Redesigned payment area enhances privacy, ergonomics, & transaction flow.
- Enhanced tactile response on soft keys improves feedback.
- · Replaceable metal skins enable new graphic options and field rebranding.
- · Stainless steel options available.

Helix™ Retail Fuel Dispenser

The Helix[™] 4000 dispenser offers a sleek, iconic look in a small footprint and can accommodate up to three meters and up to four hoses. Take advantage of multiple configurations, blending and non-blending, payment, and variable flow rates. The Helix[™] 5000 dispenser boasts the aesthetics and capabilities of the Helix[™] 4000 dispenser, but has greater flexibility that can handle up to four meters and up to an eight-hose configuration.



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Cost-effective ownership, durability and configurability have made the Vista™ fuel dispenser a mainstay in the industry. It is tough enough to handle harsh forecourt environments yet flexible enough to meet your sites' specific demands. Designed for upgradeability, the Vista dispenser allows you to expand functionality as your business grows.

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Select & Reliance Fleet Dispensers

The Select and Reliance Series dispensers' provide outstanding performance backed by exceptional state-of-the-art technology. These are available in three flow rate configurations.

- Capacity provides fueling speeds up to 22 GPM*
- Super High Capacity offers flow rates up to 36 GPM*
- Ultra-High Capacity delivers a staggering rate of up to 60 GPM*
 *Flow rates are maximum test rates at discharge. Actual rates will depend upon application, accessories, and for remote dispensers, size of the submersible pump.



iX Pay Secure Payment Terminal

Regardless of original equipment manufacturer (OEM), Wayne iX Pay™ secure payment terminal helps do it all. Forget about multiple vendors, endless comparisons and exploring options. With the iX Pay secure payment terminal, nothing will slow you



or your customers down. When it comes to security, it's as good as it gets. From supporting the latest EMV and PCI security standards to dispenser secure access to point-to-point encryption, this product helps meet and even exceed the highest security standards, protecting your customers' data and you from fraud.

E-85 & Biodiesel Retail Fuel Dispenser

Wayne Eco-fuel dispensers are specifically designed for ethanol blends and biodiesel* providing retailers with the latest in fuel compatibility. Eco-fuel dispensers are compatible with petroleum for the ultimate in flexibility. You can continue to dispense gasoline now and be prepared to offer alternative fuels in the future. Ecofuel dispensers are available in a variety of configurations including blenders that offer the ability to blend alternative fuels with gasoline or diesel. The dispensers also feature hard anodized or nickel-plated castings and stainless steel piping to meet the unique requirements of eco-fuels such as biodiesel and E85.



FUEL MANAGEMENT

FUELMASTER® Plus Series

The FuelMaster® Plus Series saves you money by eliminating manual tracking of fuel transactions and increasing accountability. The FuelMaster® Plus series adds additional features that make it the most effective fuel management system on the market for many years to come.



- Electronic Read/Write Keys
- Patented Radio Frequency Tag System
- Self-Serve Retail support
- Modular design & construction

FUELMASTER® Mobile FMU 3535

The FUELMASTER® mobile FMU 3535 mobile system provides remote locations the same fueling technology available on the fuel island. This mobile fuel management unit (FMU) operates like the fuel island and can be downloaded by telephone, direct PC connection, cell modem, and wireless network.



FUELMASTER® AIM2.4™

FuelMaster® AIM2.4™ (Automotive Information Module), technology is the leader in automated fuel management. AIM2.4 is a passive system that eliminates inaccurate driver-entered data from the fueling and data collection process. Our AIM module connects directly to a vehicle's OBD port in order to collect vital information that a fleet manager requires



FUELMASTER® FM Live

- Real Time FM Live gives users ability to view fuel transaction inventory & system diagnostic in real time.
- Web Based Access Web based functionality enables access to data from any device anywhere in the world.
- Inventory Management Instant access to tank inventories and alarms allows managers to track every drop of fuel in and out of tanks ensuring real-time inventory reconciliation.



PIUSI CUBE

The PIUSI Cube is a diesel fuel dispenser for non-retail use. The Cube can be fixed to walls, tanks cisterns, drums, special pedestals. Self-priming vane pump fitted with bypass, installed on anti-vibration supports. The local memory is capable of storing data for last 255 operations. Interfaces with PC for sending and organizing data. Magnetic keys (Kit keys) available for user identification.



The PIUSI MC Box is a non-retail fluid monitoring system when connected to the pump and pulse meter allows the control of any fluid. The system consists of a multi-user panel and software kits, which enable either a hard wire or wireless connection. The MC Box has a capacity to manage up to 120 users with either user keys or a 4 digit PIN. LITE version available for up to 4 users.



Wayne Select iX Fleet Fuel Management

Installed in Wayne Select fuel dispensers, the iX Fleet IDT simplifies the user interface by moving access control to the point of fueling. The iX Fleet gateway server provides centralized remote system management capturing and storing information from the dispenser. It delivers exceptional presorting functionality, from an easy-to-use dashboard display interface.



Tecalemit Superbox Gen II

A true master of fluid management for multiple fueling points. The Superbox can handle 5 hoses and dispense 4 different products simultaneously, all from one centralized point. Track up to 2,000 users & 2.200 vehicles.



Low Volume, Spin On Filters

The Cim-Tek 200E Spin-on Filters are recommended for low-volume power pumps and gravity-flow applications. The 250E Spin-on Filter may be used with power pump units or dispensers, low-volume power pumps, gravity-flow applications, and low-volume commercial applications.



Mfg#	Model	Size	Description
CIM240030	200E-10	¾" x 10m	Spin on filter w/ draincock
CIM240280	250E-10	¾" x 10m	Spin on filter w/o draincock
CIM240430	200E-30	¾" x 30m	Spin on filter w/ draincock
CIM240440	200AE-30	1" x 30m	Spin on filter w/ draincock

High Volume Spin On Filters

The Cim-Tek 800 Series Spin-on Filters are designed for economical fuel filtration at service station, truck stop, and commercial fueling locations. Gasoline, diesel fuel, and fuel oils are efficiently filtered with resin-impregnated cellulose, high-performance microglass, HYDROSORB® I, or HYDROSORB® II media.



Mfg#	Model	Micron	Description
CIM240200	800-10	10	High volume spin-on
CIM240160	800-30	30	High volume spin-on
CIM240100	800HS-10	10	Hydrosorb II spin-on
CIM240090	800HS-30	30	Hydrosorb II spin-on

Filter Adaptors

Economical cast iron adaptors are available in 3/4" and 1" with the high volume, aluminum adaptors are available in 1", 1-1/2" and 2" sizes.



Mfg#	Type	Size	Description
CIM240000	Cast	1x1x1	For 200 & 300 series
CIM240010	Cast	3/4 X 3/4 X 3/4	For 200 & 300 series
CIM240020	Cast	1 x 1 x ¾	For 200 & 300 series
CIM240050	Cast	HI-VOL	For 805 series

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The Cim-Tek 300M Filter Monitor for Ethanol Blends is a spin-on filter developed to detect phase separation in ethanol-gasoline blended fuels. Ethanol blends of 10% or less are filtered with a 10-micron medium for particulate removal. The 300M and 300MGA will detect the point where phase separation occurs and slow the flow from the service station dispenser or pump to approximately 2 gpm/7.5 lpm or less. (15 GPM max)



Mfg#	Model	Micron	Description
CIM610120	300M	10	Spin-on w/ ethanol monitor
CIM240110	300-10	10	Service station spin-on
CIM240250	300-30	30	Service station spin-on
CIM240140	300HS-10	10	Hydrosorb II spin-on

Spin On Filters for Ethanol Blends

The Cim-Tek 400M Filter Monitor for Ethanol Blends are spin-on filters developed to detect phase separation in ethanol- gasoline blended fuels. Ethanol blends of 10% or less are filtered with a nominal 10-micron medium for particulate removal. The 400M & 400MGA, a filter monitor combination, will detect the point where phase separation occurs and slow the flow from the service station dispenser or pump to approximately 2 gpm or less. (25 GPM max)



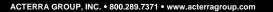
	Mfg#	Model	Micron	Description
ľ	CIM240150	400-10	10	Service Station High capacity spin-on
ľ	CIM240260	400-30	10	Service Station High capacity spin-on
ľ	CIM240220	400HS-10	10	Hydrosorb II spin-on
ľ	CIM240410	400HS-30	30	Hydrosorb II spin-on

Spin On Filters for Ethanol Blends

The Centurion I have a single filter housing with a replaceable element for filtration of gasoline, diesel fuel, and fuel oils. The Centurion I is designed for service stations, truck stops, and commercial high-speed dispensing applications. A nominal 10-micron element is recommended for gasoline and diesel fuels.



Mfg#	Model	Micron	Description
CIM240070	E10	10	Centurion replacement element
CIM240470	E30	30	Centurion replacement element
CIM240190	E-1300HS	30	Hydrosorb replacement element



VERIFONE PETROLEUM POS SYSTEMS

Petroleum POS Systems



Whether you're a single island gas station store or a multi-island gas and convenience store, Verifone

offers cost-effective, end-to-end payment solutions designed to fit your business's needs. As the petroleum and convenience store industry grows and embraces new technology, Verifone is there to provide customers, big and small, with the point-of-sale solutions that keep business running. J8 is an authorized Verifone distributor.

Ruby2

Ruby2 is the latest POS solution offering from Verifone. It is equipped with a touch-screen console providing fast, efficient order taking and payment processing. The multi-core processor allows the Ruby2 to process functions with increased speed allowing for easier store and customer management.



Ruby2 is compatible with the latest Verifone product offerings which include media solutions for customer engagement, site management software to efficiently manage multiple locations seamlessly, and the latest in fuel control management. With Ruby2, all components of convenience store management can be easily performed with one centralized device.

RubyCi

Spend less to get more with this POS solution RubyCi is a functional site controller and point of sale workstation in one piece of hardware providing fast, efficient, complete store management. The combination of POS and site controller makes this solution the only one of its kind in the marketplace. Now, site owners have the ability to consolidate as well as upgrade their operating technology at the same time.



- Speed Thru Lines The fastest site controller in the industry provides faster
 processing of transactions to get more customers through lines at the
 dispenser and at the counter.
- Remote Management Tools RubyCi leverages all the features of the Commander platform including remote connectivity for management tools to increase efficiency in business operations.
- EMV Ready All-In-One, EMV ready device optimized for industry average sites (up to 16 fueling positions & 3 POS workstations).

Topaz XL

Topaz XL changed the game with its introduction as the first touch screen and keyboard combination POS. By seamlessly joining a 15-inch touch screen display and 120-key keyboard, Topaz XL's powerful graphical interface brings efficiency to your whole operation. Topaz XL delivers all the tools your fast-paced, convenience retail business requires.



- Graphical and Easy-To-Use Workstation The simple interface uses intuitive, animated graphic icons, letting you easily customize your control panel.
- Complete Peripheral Connectivity Connect to most dispensers, all major oil networks, tank monitoring systems, scanners, loyalty programs, car wash controllers and electronic fuel price signs.
- Crucial Data Analysis and Reporting Tools Specialized reporting and tracking features help you manage all of your business operations efficiently.

Commander Site Controller

Commander Site Controller from Verifone offers convenience store owners a versatile site management solution providing increased speed in payment acceptance, fueling operations, and back office store control.



The Commander Site Controller system architecture includes expansion slot and ports to add capacity as your business grows. This will ensure fuel functionality and superior performance for years to come. Commander Site Controller is designed specifically for the harsh convenience retail industry. It is purpose-built for years of trouble-free service.

- Increased Speed of Payment, Fueling, and Store Control Commander has 100% IP data transfer allowing for faster communication during all business operations.
- Expandable Architecture Commander Site Controller was built with room to
 expand its functionality as your business
 needs grow.

 Don't see something
- Commander Console Dashboard Mobile App - Access real-time sales information at your fingertips.

TankScan TSM8000 & TMS8000T Monitor

Using industry-leading micro-impulse radar (MIR) technology, the TSM8000 Series of monitors provides tank level measurements accurate to +/- 0.5% of probe length for aboveground liquid storage tanks. With integrated 1 1/2" NPT and 2" NPT external threads, the TSM8000 Series can be easily mounted on most above ground storage tanks without any additional hardware. The TSM8000 Series of monitors include embedded Zigbee radios for wireless communication up to 1000 ft at 2.4 GHz.. The TSM8000 Series is intended for use with tanks up to 240" (20') tall. For taller tanks, see the TSM8000T Series.



TankScan Cellular Ultrasonic (TCU) Monitor

The TCU is a wireless all-in-one cellular enabled device placed on top of the tank or container to provide level measurements. The device is battery powered so there is nothing to plug in. Using cellular technologies, the TankScan Cellular Ultrasonic Monitoring System can be installed in locations where network infrastructure may not be available. ATEK has already taken care of registration and activation with the cellular provider, which makes installation even simpler. The monitor has a NEMA 4X enclosure, Class 1 Division 2 rating and long battery life, making the solution ideal for use in a broad range of tanks.



Electronic Liquid Level Gauge

The Morrison 1018 series gauge displays the liquid level of product stored in an aboveground tank. The mechanical gauge measures the liquid level and converts the reading to an electronic signal which is displayed on the console.



Tank Management System with in-tank leak detection

Pneumercator has designed a truly low cost, high performance solution designed to meet all of your environmental compliance and inventory management needs. Complete with every feature you need, the TMS 3000 has a simple, user-friendly interface. Extremely flexible, modular system architecture, completely



field configurable and upgradeable. Support for up to 12 precision, dual float magnetostrictive level probes.



The Veeder-Root TLS-450 is future-forward technology and our most fully featured tank gauge solution. Designed to monitor and help protect your tanks, it offers industry-leading accuracy and maximum flexibility for your station operations. Manage



inventory, deliveries, and alarm information from any computer, smart device/phone, or iPad - anywhere. Key features:

- · Web enabled, allowing users to manage fuel and compliance information online from any Web browser at any location
- · Leverages business inventory reconciliation (BIR) technology to identify and reconcile variances in your fuel deliveries
- · Utilizes AccuChart II for pinpoint tank calibration
- Fully scalable, for today/tomorrow's needs

Mfg#	Description
TLS-450	Automatic Tank Gauge
TLS-350 Plus	ATG includes fuel management solutions

TLS-350 Automatic Tank Gauge

The TLS-350 is the most widely installed tank gauging solution in the world. Offers the benefits of in-tank inventory, proven leak detection, complete compliance, and the ability to upgrade with additional connectivity for optimum flexibility - all with the reliability that only comes with more than a half million tank installations worldwide. Key features:



- · Continuous inventory monitoring and reporting
- Flexibility to choose the compliance and fuel management features
- Leading-edge leak detection technology as an upgrade option
- SiteFax capability to allow you to send multiple reports across multiple fax lines on a programmed schedule that you set

Mfg#	Description
TLS-350	Automatic Tank Gauge
TLS-350 Plus	ATG includes fuel management solutions
TLS-350R	Automatic Tank Gauge

MANHOLES

Square Manhole

Morrison square manholes with non-bolted cover. Used for access ports in driveways where limited access and/or watertight conditions are not required.

Mfg#	Description
MOR4200100AM	20" x 20" square
MOR4240100AM	24" x 24" square

Tank Monitor Manhole

Morrison round manhole with non-bolted cover. Used for access ports in driveways where limited access and/or watertight conditions are not required.

Mfg#	Description
MOR080310	18" x 12" Tank Monitor
MOR418TM1200AM	18" x 18" Tank Monitor

Limited Access Manhole

Morrison round manhole w/ bolted and gasketed cover. Used for access ports in driveways where limited access and/or water-resistant conditions are required. Bolts are standard hex-head SS. Buna-N Gaskets.

Mfg#	Description
MOR4180200AM	12" x 7" limited access
MOR4181000AM	18" x 12" limited access
MOR4181100AM	18" x 18" limited access

Vapor Recovery Manhole

Morrison round manhole with non-bolted cover. Used for access ports in driveways where limited access and/or watertight conditions are not required.

Mfg#	Description
MOR318VR0400AM	18" x 18" Vapor Recovery



Standard Manhole

Morrison round manhole with non-bolted cover. Used for access ports in driveways where limited access and/or watertight conditions are not required.



Mfg#	Description
MOR3180100AM	9" x 7" non-bolted
MOR3180200AM	12" x 7" non-bolted
MOR3181200AM	18" x 18" non-bolted
MOR3181600AM	36" x 12" non-bolted

Lightweight Manhole

A lightweight, large diameter cover that is as strong as steel and reasonably priced. For use on service station drives. Meets H-20 load requirements. Epoxy coated recessed steel handle, slip resistant surface, fire resistant. Lab tested in all weather and seasonal conditions for maximum strength and corrosion resistance.



Mfg#	Description
MOR318L3800AM	38" x 10" non-bolted
MOR318L3900AM	38" x 18" non-bolted
MOR318L4400AM	44" x 10" non-bolted

Replacement Manhole Lids

Mfg#	Description
EBW78130601	EBW 18" diamond black steel cover
EBW78130401	EBW 18" below grounds fiber cover
EMC566332	Emco A1004-3 manhole cover
EMC566526	Emco A1004 slimline cover
OPWD11M	OPW 10" manhole cover
OPWE327M	OPW #1 manhole cover
OPWC115M	OPW 7.5" manhole cover



115V Pump Package

Fill-Rite 115VAC Stainless Steel Rotary Vane Pump in a small compact design. Superior Suction Lift capabilities and Internal Bypass protects the pump from over-pressure, providing continuous duty operation. Pump has short-term dry run capabilities to handle entrained gases, allows self priming, completely emptying totes. Pump is available with ¾" BSPP connections to prevent the weeping of tough fluids. Package offered with 12' discharge hose, Stainless Steel Automatic Nozzle, and Digital Meter.

Mfg#	Description
FRSA120801MA	115V Pump Package
FRSA120801MATU	115V Pump Package (w/mounting plate)
FRSA120801MATUC	115V Pump Package (w/mounting plate & hardwall)

12VDC Pump Package

Fill-Rite 12VDC Stainless Steel Rotary Vane Pump in a small compact design. Superior Suction Lift capabilities and Internal Bypass protects the pump from over-pressure, providing continuous duty operation. Pump has short-term dry run capabilities to handle entrained gases, allows self priming, completely emptying totes. Pump is available with ¾" BSPP connections to prevent the weeping of tough fluids. Package offered with 12' discharge hose, Stainless Steel Automatic Nozzle, and Digital Meter.

Mfg#	Description
FRSD120801MA	12VDC Pump Package
FRSD120801MATU	12VDC Pump Package (w/mounting plate)
FRSD120801MA	12VDC Pump Package (w/mounting plate & hardwall)

Wayne Vista/DEF Combination Dispenser

The Wayne Vista/DEF Combo Dispenser allows DEF to be dispensed at the diesel island without requiring a separate dispenser. Units are designed to protect against cold temperatures protecting hoses, nozzles, and other components from freezing.



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PIUSI Blue Box

Metal box with lock and complete dispensing unit. Can be fitted to both the wall and tanks, featuring electronic flow meter K24 to monitor the dispensed quantity, automatic nozzle, bottom pipe and valve.



DEF Nozzle

Automatic shut off Diesel Exhaust Fluid (DEF) nozzle for full-service and self-service stations.

- · Materials compatible with DEF
- Nozzle shuts off when the DEF tank is full
- Available with magnetic Accufuel™ safety feature.

Mfg#	Description
HUS731004	Automatic Nozzle
HUS731092	Automatic Nozzle w/Spout Ring & Accufuel
OPW21GU	Automatic Nozzle w/ Mis-Filling Prevention Device
OPW21GU-SSB	Stainless Steel Swivel / Reconnectable Breakaway

Tote & Drum Dispensing Systems

DEF Solutions for agriculture, heavy duty equipment, municipalities, truck dealers, buses, commercial trucking companies, and more. Custom applications can be designed to fit your individual needs.

Portable DEF Delivery Carts & Skids

Portable DEF bulk delivery systems can replace or delay the need for an expensive dedicated DEF tank truck. These systems can replace or delay the need for an expensive dedicated DEF tank truck. We can custom design a skid to your needs, from a mechanical to a fully electronic system that includes the Weights & Measures approved piston or rotary meters.



Commercial, Fleet, and Retail Bulk Systems

These American made DEF Storage and Dispensing Systems are designed to easily integrate with fuel islands as well as your existing fuel management system. These systems can meet any of your DEF storage and dispensing needs. All systems meet ISO Standard 22241-3,4 for the Storage & DEF Dispensing.



METERS

Piston Positive Flow Meter

The TCS model 682 series flow meter is a positive displacement meter that has a unique inline design consisting of three reciprocating pistons operating within their respective measuring chambers, where each piston works in a manner similar to an automobile engine.



Commercial Bulk Plant Meter

The TCS 700 series positive displacement rotary flow meter is designed to accurately measure liquids within the Adhesives, Agricultural, Aviation, Chemical, Food Processing, Paint, Petrochemical, Petroleum, Pharmaceutical, Printing, Textiles and other industries requiring precise liquid flow measurement.



Mechanial & Digital Precision Meters

Fill-Rite Precision Meters incorporate oval gear technology, eliminating metal-to-metal contact within the measuring chamber. This unique design promotes minimal wear, sustained accuracy, and low operating costs. •Truck metering •Bulk Plant/Terminal metering •Industrial Liquids •Industrial Process metering •Dispenser metering



Mechanical Meter

Fill-Rite 1" Meter 6-40 GPM, The 901 Mechanical flow meter has a large easy to read display, flow ports can be positioned vertically or horizontally, UL/cUL listed, handles fluid of any viscosity, rated for Gasoline, Diesel, Kerosene, mineral spirits, Stoddard solvents and heptane. The 901 meter is a 4 wheel mechanical meter designed for pumps with a flow rate of 6 to 40 GPM.



1"
3/4"

Digital Oil Meter

The Lincoln Model 857 is used for oils and ATF up to SAE 40 weight. Calibrated in quarts. Large electronic display to 999.9.



Digital Meters

Fill-Rite 900DB, Digital Flow Meter has easy to read 4 digit LCD counter display. 6-40 GPM, +/- 1.25% accuracy. Measures in Gallons, Liters, Quarts, Pints, Ounces and User Defined Units. Battery Operated (2 AA batteries Included). 6-40 GPM, Operates at 50 PSI, 1" inlet/outlet.



Mfg#	Description
FR900DB	Digital Meter 1"

Inline Electronic Digital Meter

The Fill-Rite FR1118A10 is ideal for metering the transfer of diesel fuel and kerosene. It can be installed in line or at the hose end.

Mfg#	Description	
FR1118A10	1" Inlet/Outlet (reduces to 3/4") electronic meter 2 - 25 GPM	



Mechanical Fuel Meter

Designed to operate with low backpressure, this measure ensures high pump performance. Includes a convenient pushbutton reset & unique rotation inlet & outlet to eliminate elbows. 3-30 gpm



Mfg# Description	
GPIMD130G6N	3/4" NPT, 3 - 30 GPM, 4 Digit Display
GPIMD130G8N	1" NPT, 3 - 30 GPM, 4 Digit Display

Fuel Meter

GPI Mechanical Fuel Meter with strainer for gallons with 3/4 inch NPT inlet/outlet. UL Listed. 4 to 20 GPM (15 to 75 LPM). 3-digit display. 50 PSIG/3.4 bar.



Mfg#	Description
GPIFM200G6N	3/4" NPT meter, 4 - 20 GPM, with Strainer
GPIFM200G8N	1" NPT meter, 4 - 20 GPM, with Strainer

Postive Flow Meter

The TCS 682 reciprocating piston flow meter and 700 rotary meters combine outstanding accuracy (0.1% of flow rate) with one of the widest turndown ratio's (250:1) in the industry. Backed by an industry leading 10 year warranty!

Mfg#	Housing	
682	Anodized Aluminum, Ductile Iron, 316 Stainless Steel	
700SP	Anodized Aluminum, Ductile Iron, 316 Stainless Steel	



Gorman-Rupp self-priming centrifugal pumps are specifically designed for pumping petroleum products, petrochemicals, solvents, biofuels and today's fuel formulations. Multiple designs incorporate a variable capacity vane pump which quickly and automatically evacuates air and vapor, making them ideal for off loading transports and stripping hoses.

Mfg#	Size	Max Capacity	Max Head
Roto-Prime®	3" x 2" to 6" x 5"	1400 GPM	390'
O Series®	2" to 6"	1350 GPM	400'
80 Series®	1 ¼" to 8"	2100 GPM	210'
*Close-coupled, electric motor driven pumps are available.			

End-Suction Centrifugal Pumps

Heavy-duty Gorman-Rupp VGH centrifugal pumps are engineered for maximum operating efficiency on a wide range of applications, from clean petroleum fluids to dirty liquids and mild abrasives. The pumps are supplied with a heavy-duty oil lubricated bearing pedestal and can be mounted to explosion-proof electric motors as needed.

Mfg#	Size	Max Capacity	Max Head
VGH Series®	1.25" to 8"	4900 GPM	500'
60 Series®	2" to 8"	1450 GPM	390'

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Rotary Gear Pumps

The Gorman-Rupp line of positive displacement rotary gear pumps is designed to provide performance no other pumps can match. These pumps are manufactured with unique features that enable them to perform better and last longer, making Gorman-Rupp gear pumps the premier pump in the petroleum industry.

Mfg#	Size	Max Capacity	Max Pressure	Max Viscosity
GMS Series	1" to 6"	600 GPM	150 PSI	250000 SSU
GHS Series	1" to 6"	600 GPM	300 PSI	2000000 SSU
GHA Series	1.5" to 4"	325 GPM	200 PSI	250000 SSU

MTM & MSTM Series Meters

temperature /volume compensation.

The Liquid Controls M™ Series is built for for trucks and dispensers. A standard in Class 1 (refined fuels) meters. No metal-to-metal contact within the measuring chamber provides low wear and long service life. Accessories include air eliminator and strainer, valve and choice of mechanical or electronic registration with optional

The MS Series meters are housed in a spherical steel pressure shell rated up to 1,440 psi working pressure, and with flow rates to 1,200 gpm, the MS Series is ideal for terminal applications. Multiple inlet/outlet configurations provide wide-ranging mounting flexibility.





Mfg#	Max Capacity	Max. Non-Shock Pressure
M-5	60 GPM	350 PSI +
M-7	100 GPM	350 PSI +
M-10	150 GPM	350 PSI +
M-15	200 GPM	150 PSI
M-25	300 GPM	150 PSI
M-30	350 GPM	150 PSI
M-40	450 GPM	150 PSI
MS-7	100 GPM	150 PSI*
MS-15	200 GPM	150 PSI*
MS-30	350 GPM	150 PSI*
MS-75	700 GPM	150 PSI*
*higher PSI options available		

HOSE REELS

Spring Rewind Reels

To handle 1/4" through 1-1/2" I.D. hose. Most Hannay spring reel models are available with an air governor rewind assist, which prevents the hose from winding

back onto the reel too quickly. Speed is regulated by restricting air flow through an air governor attached to the rewind mechanism. Unlike other speed control mechanisms designed for spring rewind reels, there are 3 major advantages to the Hannay design:

Highly scalable - The air speed control governor can be scaled up to regulate speed on even the most powerful spring reels we offer. Other designs can only work on light-duty springs.

Operates in all climates – Because the AG Series uses air flow to control speed (not hydraulic fluid, which can change viscosity depending on temperature), the reel's rewind speed is controlled and unaffected, even by cold weather.

Fully adjustable – The end-user can turn the air restrictor clockwise or counterclockwise until the optimal rewind speed is found for the application.

- Narrow frame and compact mounting base.
- Non-sparking ratchet assembly.
- Declutching arbor to prevent damage from reverse winding.
- Standard inlet: 90° balanced pressure swivel joint
- Temperatures from -60°F to +250°F (-51°C to +121°C), optional temps to +400°F (+204°C) – must specify.
- 4-way roller assembly.
- Constant tension is available consult factory.

Mfg#	Hose Size	Application
SN400	1/4' or 3/" ID	Gas Welding
SN700	1/4" - 1/2" ID	Lubrication • Air/Water • Assembly Operations • Washdown • Air Tools
S700	1/4" - 1/2" ID	Lubrication • Air/Water • Assembly Operations • Washdown • Air Tools
SN800	3/4" - 1" ID	Fuel Dispensing* • Waste Oil Evacuation • Air/Water
S800	3/4" - 1" ID	Fuel Dispensing* • Waste Oil Evacuation • Air/Water
S900	1¼" – 1½" ID	Bulk Transfer • Fuel Dispensing* • Suction/Discharge*
*Consult	Factory	



Manual or Power Rewind Reels

Since 1933, the fuel-lube and trucking industries have trusted Hannay Reels to dispense gas, water, air, and nitrogen. That's because our reels are not retrofitted to the job, but created specifically for fuel delivery applications.

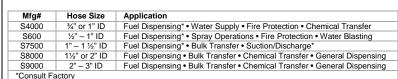


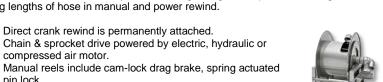
Safer operation – Bond/ground fuel trucks; non-sparking ratchet assembly; explosion-proof motors

Custom design - Every reel is built to the unique vehicle specs, guaranteeing a perfect fit: suspended/IV reels allow access on either side of the vehicle

Long service life – Quality, heavy-duty design and construction result in reels that often outlast the vehicles they're used on Lightweight, compact reels designed for long lengths of hose in manual and power rewind.

- Direct crank rewind is permanently attached.
- Chain & sprocket drive powered by electric, hydraulic or compressed air motor.
- pin lock.
- Optional rollers: Specify roller position when ordering.
- Standard pressures to 2000 psi (138 bar), available up to 4000 psi (276 bar).
- Temperatures from -40°F to +250°F (-40°C to +121°C).





87000 Series Re-Engineered Hose Reels

The 87000 Series of hose reels from Lincoln represents a serious leap forward in performance and value. These new reels are the perfect fit with our constantly improving line of hose reels and complete offering of total lubrication equipment solutions.



Bare Reels

The 87000 Series serves your dispensing needs—low pressure for air or water. medium pressure for petroleum and synthetic fluids (i.e., oil and transmission fluid) and high pressure for grease.

Mfg#	Application	Inlet	Outlet	Max PSI
LIN87500	Grease	3/8"	3/8"	8000
LIN87300	Oil	1/2"	1/2"	2500
LIN87700	Air, ATF, Water	1/2"	1/2"	2500

Basic Reel w/ Hose

The applications for these reels include car/truck dealers, light duty lube trucks, fleet garages, oil change outlets, municipal garages, industry, and truck stop oil change centers. Includes reel, delivery hose, connecting hose & ball stop.



Mfg#	Application	Hose
LIN87532	Grease	1/4" x 30'
LIN87552	Grease	1/4" x 50'
LIN87334	Oil	1/2" x 30'
LIN87354	Oil	1/2" x 50'
LIN87732	Air, ATF, water	1/4" x 30'
LIN87752	Air, ATF, water	1/4" x 50'

Heavy Duty Series

The Lincoln Heavy Duty Series reels are the toughest, long-life reels ever designed for reliable operation in the most demanding conditions. Years of engineering, testing and experience preceded their introduction. The quality and reliability the professional expects is not only met, but also exceeded by the HD Series.

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Low Pressure Reel Kits

The low-pressure reel kits are best suited for air, ATF or water applications.

Mfg#	Application	Hose
LIN87732A	Air w/ coupler & tire chuck	1/4" x 30'
LIN87752A	Air w/ coupler & tire chuck	1/4" x 50'
LIN87732W	Water w/ bibb cock	1/4" x 30'
LIN87752W	Water w/ bibb cock	1/4" x 50'

Medium Pressure Reel Kits

The medium pressure reel kits are best-suited oil applications.

Mfg#	Application	Hose
LIN87334C	Oil - includes 769 control valve	1/2" x 30'
LIN87334D	Oil - includes 977 meter	1/2" x 30'
LIN87334M	Oil - includes 877 qts meter	1/2" x 30'
LIN87354C	Oil - includes 769 control valve	1/2" x 50'
LIN87354D	Oil - includes 977 meter	1/2" x 50'
LIN87354M	Oil - includes 877 qts meter	1/2" x 50'

High Pressure Reel Kits

The high-pressure reel kits are best-suited for grease applications.

Mfg#	Application	Hose
LIN87532G	Grease - includes 740 valve	1/4" x 30'
LIN87552G	Grease - includes 740 valve	1/4" x 50'

Basic Reel w/Hose

Applications for these reels include car/truck dealers, light duty lube trucks, fleet garages, oil change outlets, municipal garages, industry, and truck stop oil change centers. Includes reel, hose, connecting hose & ball stop.

Mfg#	Application	Hose
LIN8500330	Grease	1/4" x 30'
LIN8500450	Grease	1/4" x 50'
LIN8500630B	Oil or water	3/8" x 30'
LIN8500450B	Oil or water	3/8" x 50'
LIN8500850A	Oil or water	1/2" x 50'









LUBRICATION EQUIPMENT

General Lubrication Pumps (Medium Pressure)

Lincoln stub pumps are built with the same rugged reliability and powerful performance you've come to expect from Lincoln. They are super quiet—the quietest pumps on the market. They deliver increased output for faster product delivery. And they let you handle a wider range of applications with total mounting flexibility.



Mfg#	Ratio	Description
LIN456340	3:1	Bare stub pump
LIN456010	3:1	Pump & accessory kit
LIN456240	5:1	Bare stub pump
LIN456020	5:1	Pump & accessory kit

General Lubrication Pumps (High Pressure)

Lincoln air operated lube equipment models featuring our high-pressure series 20 and series 40 grease pumps have been performance proven in automotive, agricultural, heavy duty, marine, construction and industrial facilities throughout the world. These pumps are built for power, durability and dependability and these exclusive engineering features ensure top performance and longer service life.



High Pressure Grease Pumps

Lincoln pump dispenses 45 ounces or 80 cubic inches of NLGI 0-2 grease per minute at 150 psi. Assures positive prime at lowest temperature. Height 43 1/8 ". Base 17" square.



Mfg#	Ratio	Description
LIN917	50:1	Chassis Lubri-gun with Base
LIN917-57	50:1	Chassis Lubri-gun w/o Base
LIN456200	50:1	Chassis Lubri-gun with hand truck



Aluminum Diaphragm Pump

Lincoln 1" U.L. Listed corrosion-resistant aluminum double diaphragm pump creates a powerful suction to drain used fluids quickly, and transfers them though a completely enclosed system to any type of remote storage tank.



Mfg#	Description
LIN84811	1" pump - 35 gpm

Plastic Diaphragm Pump

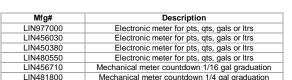
Lincoln fluid transfer pump for autos, trucks and buses, construction, and mining equipment. The units can handle industrial process and waste fluids, solvents, light-bodied adhesives and printing inks.



Mfg#	Description	
LIN85622	1/2" Polypropylene pump	

Electronic Lube Meters

- Dispense motor oil, ATF, and gear lube
- One model can dispense pints, quarts, liters or gallons
- Automatic non-drip nozzle
- Narrow nozzle fits into small I.D. ATF fill tubes
- Digital display for accurate bulk dispensing
- 0.01 increment readout for precise measurement
- · Includes inline swivel, rigid extension, automatic non-drip nozzle and inline containment filter.





Absorbent Pads

The economical choice to soak up chemicals, hydraulic oil, diesel, fuel or any petroleum & chemical based fluid.

Mfg#	Description	Count
AMI950050	16" x 20" oil absorbent pad	100/bale
AMI950040	Gray - chemical weighted pad	100/bale

Oil Only Rolls

Premium grade for use indoors or outdoors to soak up petroleum spills even on uneven surfaces.

Mfg#	Description	Count
AMI13150	38" x 144' Double Weight	1/pack
AMI13152	19" x 144' Double Weight	2/pack
AMI13155	38" x 288' Single Weight	1/pack
AMI13156	19" x 288' Single Weight	2/pack

Portable Spill Kit

Great for areas in your plant prone to small spills or store in delivery vehicles for quick access. (4 per case).

Mfg#	Description
AMI950060	General purpose kit
AMI160000	Oil Only kit - petroleum only
AMI160020	Hazmat kit - acid & caustic spills

Oil Only Skimming Socks

When you only want to soak up the oil and leave the water behind. Can be used indoors or outdoors.

Mfg#	Description	Count
AMI950020	3" x 4' Blue Sock	40/case
AMI11038	3" x 8' Blue Sock	20/case
AMI11039	3" x 12' Blue Sock	4/case
AMI11035	3" x 20' Blue Sock	3/case

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Oil Only Booms

Boom applications include: ditches, streams, retention ponds and waterways. Will not absorb water.

Mfg#	Description	Count
AMI11505	5" x 10' long booms	4/bale
AMI950030	8" x 10' long booms	4/bale
AMI11520	5" x 20' long booms	2/bale
AMI11525	Double 5" x 10' long booms	2/bale
AMI11080	19" x 100' long booms	1/bale





All Purpose Absorbent

A fine granular diatomite product designed for hazardous waste solidification & cleanup. Absorbs over 100% of its own weight in liquids.

	-	-	
1	News.		
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Mfg#	Description	Count
ILO9900010	Solid-A-Sorb - 25 lb. Bag	Bag



Drum Work Station & Pallets

These secondary containment units are engineered to meet the rigors of today's regulatory environment. 100% polyethylene construction won't rust or corrode like metal units. All meet EPA 40 CFR 264.175 regulations.



Mfg#	Description
AMI1633	12 – 90 gallon drum work station
AMI1620	2-4 drum spill pallet

Hazardous & Flammable Storage

Keep 55 gallon drums close and safely contain flammable liquids or hazardous waste. Haz-Drum cabinets come with drum rollers for easy drum handling. Cabinets come with large Flammable - Keep Fire Away labels and Hazardous Cabinets come with Hazardous Waste labels.



Mfg#	Description
AMI1904	4-60 gallon flammable storage
AMIHAZ1926	55-110 gallon hazardous storage



LIGHTING

LED Canopy Lights – Legacy™ (CRUS)

The Legacy LED Canopy fixture is the latest innovation in LED canopy lighting. Designed to Replace the LSI Scottsdale – installs quickly into existing 4" hole without extra cutting, drilling or caulking.



- Available in 2 sizes and lumens up to 21,900
- CRU- 20 3/4" x 20 3/4" with range of 18,000 21,900 lumens
- CRUS- 15 15/16" x 15 15/16" with range of 10,871 13,554 lumens
- One-person Installation Fastest, easiest installation in the marketplace
- High Performance, Low Cost most cost-effective LED canopy fixture in the marketplace

LED Area Lights – LSI Slice (XLCS, XLCM, XLCL) Retrofit to LED and Start Saving Today! LSI's Slice LED area

light gives you the best possible lumens per dollar in the marketplace. Available in three fixture sizes, with a choice of reflectors and drive currents. The sleek, 1-piece housing ensures the optical unit and internal components are protected from any contaminants. In addition the low profile fixture means very low EPAs for the use of lighter gauge poles. Reduced energy, pole, installation and maintenance costs – all take a slice out of the costs that affect your bottom line.

- Low Cost The Best Possible Lumens Per Dollar
- Low Profile
 - o XLCS/XLCM Less Than 2" Thick
 - o XLCL Less Than 3" Thick

Mfg#	Description
XLCS	Over 15,700 lumens
XLCM	Over 31,100 lumens
XLCL	Over 59,000 lumens

LED Low Profile Recessed Troffer (LPASC)

The LED LPASC is a low profile recessed direct/indirect troffer that delivers even illumination throughout the space. It's minimal design (2-1/2" depth) makes it ideal for those tight spaces. This recessed mount fixture has exceptional long life. The LED light source makes it virtually maintenance free.



- Available in 1x4, 2x2, and 2x4 sizes
- Choice of 18 lumen outputs up to 5034
- Cool white, neutral white, and warm white color temperatures
- Frosted extruded acrylic lens with micro prisms for maximum diffusion, even illumination
- Minimum diode visibility
- Housing painted after fabrication with a high-reflectance matte white finish
- Limited 5-year warranty

LED Low Profile Recessed Troffer (LPEC)

LSI's LPEC fixture's low profile design makes it ideal for shallow plenum applications. This direct/indirect fixture delivers even illumination with excellent, low angle brightness control throughout the space.



- Available in 2' x 2', 2' x 4' and 1' x 4' sizes
- High lumen output up to 6871 lumens
- Available in cool white, neutral white and warm white color temperatures
- Smooth full-radius, high transmittance acrylic lens
- Minimal diode visibility
- Housing painted after fabrication
- Limited 5-year warranty

Our partners

















































Order Line: 800.289.7371

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