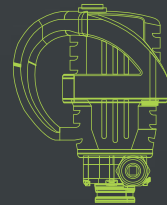


# PRODUCT CATALOG

**VOLUME 8.0** **GERMAN-ENGINEERED  
EQUIPMENT SOLUTIONS**



GO WITH THE FLOW



**FUEL**



**DEF**



**LUBRICANTS**



**CHEMICALS**

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## FLUIDS LEGEND

**A**

Air

**D**

Diesel

**O**

Oil

**F**

Fuel

**R**

Coolant

**W**

Water

**C**

Chemicals

**U**

DEF

**Wi**

Washer fluid

**VISION**

Never settling, but striving to take our customer's every day issues and find painless, cost-effective solutions

**MISSION**

From start to finish, our mission is to exceed customer expectations

**VALUE**

Customer satisfaction is the basis for our long-term collaboration with our partners

**GOAL**

Our expanding goal is to always improve our company culture and continue to develop our equipment line of products



# WHO WE ARE

**Advanced Flow Technologies Americas** represents a bold new era of engineering, precision, and performance across the fluid, air, and control landscape. As the engineering, sales, and marketing platform for TECALEMIT, PCL, GSR Valves, and Colson X Valves, **Advanced Flow Technologies Americas** unites decades of expertise under one powerful identity.

While TECALEMIT and PCL lead in dispensing, measuring, and pneumatic solutions, GSR and Colson X bring unmatched valve engineering excellence – delivering the control, and precision that make modern systems possible. Together, they form a complete ecosystem that connects motion with measurement, flow with control, and innovation with real-world performance.

Through this integration of technologies and disciplines, **Advanced Flow Technologies Americas** is redefining what it means to manage, measure, and move the world's essential fuels and fluids powering modern industry – reliably and intelligently – across the Americas.

## OUR PURPOSE

To empower industries across the Americas with integrated flow and measurement technologies – connecting people, performance, and precision through unified engineering solutions.

## MISSION STATEMENT

To drive growth and innovation by aligning engineering excellence, sales expertise, and marketing strategy under one cohesive platform – empowering our brands to deliver smarter, and more efficient solutions.

## VISION STATEMENT

To set a new standard for how the Americas experience flow and control engineering – uniting precision, performance, and partnership under one name: Advanced Flow Technologies Americas.



**Innovation.** We pioneer ideas that push industries forward.



**Integrity.** We build trust through transparency and consistency.



**Excellence.** We pursue quality in every product and process.



**Collaboration.** We unite people, brands, and ideas to create strength.



**Customer.** Focus We exist to serve, solve, and simplify solutions for our customers.

## Engineering. Sales. Marketing.

Each brand retains its unique heritage – but together, under **Advanced Flow Technologies Americas**, they form a complete solution platform that connects engineering brilliance, market insight, and customer trust.

Learn more at [AFTAmericas.com](https://AFTAmericas.com)



Precision-engineered fueling, chemicals, and DEF dispensing systems.



Industry leader in pneumatic control and tire inflation solutions.



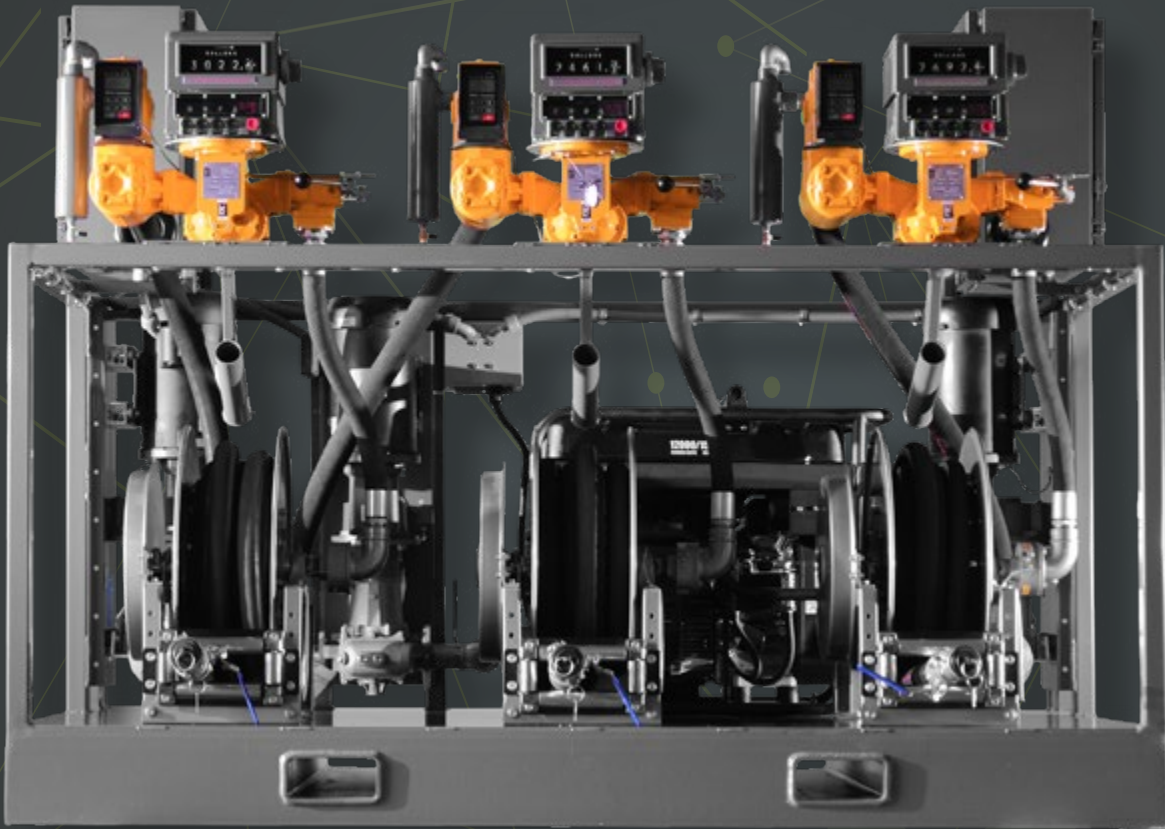
Trusted for high-performance solenoid and control valves.



Advanced valve technology for specialized industries.

GO WITH THE FLOW.

**T** **TECALEMIT**



TECALEMIT's equipment solutions extend beyond off-the-shelf items. We design and build custom high-flow transfer packages from dollies, to skids, wet hosing systems, and truck belly boxes.

These systems are carefully designed to meet the individual needs of the customer so you don't end up with wasted space on the unit, in your warehouse, on your truck, or in the field.

The PRO-5000 Transfer Pump Dolly Systems offer mobility and flexibility at the highest level, while our PRO-6000 series of Transfer Pump Skid Systems are designed for bulk-to-tote, rail-to-bulk, or bulk dispensing.

TECALEMIT's Truck Belly Boxes offer the space efficiency you've been searching for, while the DEF Wet Hosing Systems offer the ideal solution to onsite refueling.

DEF FUEL





The DEF Pro-5000 systems are mobile high flow transfer systems. These units are designed for bulk-to-tote, tote-to-tote, or bulk dispensing. Simplicity and robustness are at the heart of these complete systems.

Featured are TECALEMIT's standard DEF Pro-5000 systems, our lube oil system, and our explosion-proof system for washer fluid, however, we can customize these units to meet the exact needs of your customer. Let us know how we can help you push the limits!

All carts are fully welded and powder-coated for long-term reliability and durability.

#### TECHNICAL SPECIFICATIONS & FEATURES (Standard Lube Oil)

25' Dispense Hose

110V Dixon 1.5" 1.5 HP

Digital Meter

12' Suction Hose

Flow rate: 25 GPM

#### TECHNICAL SPECIFICATIONS & FEATURES (Weights and Measures Lube Oil )

25' Dispense Hose

110V Dixon 1.5" 1 HP

Weights and Measures TCS682

12' Suction Hose

Flow rate: 25 GPM

#### TECHNICAL SPECIFICATIONS & FEATURES (Coolant)

25' Dispense Hose

110V 1.5" Pump

Digital Meter (commercial or weights & measures)

12' Suction Hose

Flow rate: 25 GPM

#### TECHNICAL SPECIFICATIONS & FEATURES (Hydrogen peroxide)

25' Dispense Hose

110V 1.5" Pump

12' Suction Hose

Flow rate: 25 GPM

## MOBILE BULK TRANSFER



# DEF PRO-5000

## MOBILE BULK TRANSFER PACKAGES

### PORTABLE SYSTEMS TO GET YOU WHERE YOU NEED TO GO

The DEF Pro-5000 systems are mobile hi-flow transfer systems. These units are designed for bulk to tote, tote-to-tote, or bulk dispensing. Simplicity and robustness are at the heart of these complete systems. Featured below are TECALEMIT's standard DEF Pro-5000

systems, however, we can customize these units to meet the exact needs of your customer. Let us know how we can help you push the limits!

#### **BASIC 25 GPM**



#### **HI-FLOW 55-65 GPM**



#### **WEIGHTS & MEASURES 35-45 GPM**



### TECHNICAL SPECIFICATIONS & FEATURES

#### **BASIC PACKAGE**

12' x 1.5" suction hose with 2" SS ball valve camlock combo

AMT 1.5" 1 HP 115V pump

FMT3 1" digital display DEF meter

25' x 1" dispense hose with 2" SS camlock

Micro Matic closed loop connection

50 ft. electric extension cord reel

On/Off switch

Hose hangers

#### **HI-FLOW PACKAGE**

12' x 1.5" suction hose with 2" SS ball valve camlock combo

AMT 1.5" 1 HP 115V pump

2" high flow meter

25' x 1.5" dispense hose with 2" SS camlock

Micro Matic Fill Head

50 ft. electric extension cord reel

On/Off switch

Hose hangers

#### **W&M PACKAGE**

12' x 1.5" suction hose with 2" SS ball valve camlock combo

AMT 1.5" 1 HP 115V pump

TCS 1.5" Positive Displacement Meter

Veeder Root mechanical register with printer

Air eliminator

25' x 1.5" dispense hose with 2" SS camlock

Micro Matic Fill Head

50 ft. electric extension cord reel

Hose hangers

# PRO-6000

REDEFINING BULK TRANSFER

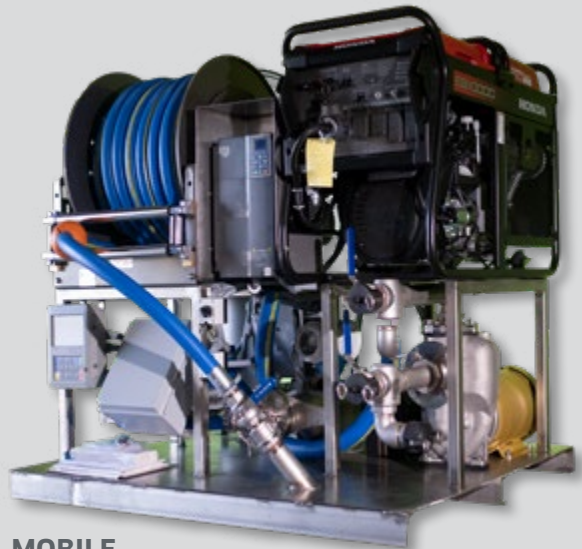
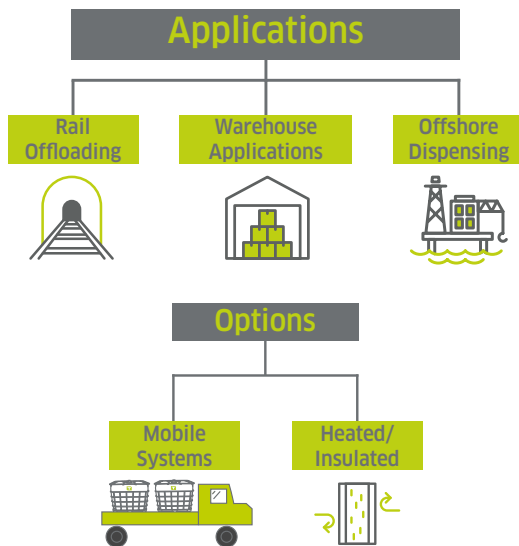
## HIGH FLOW SKID SYSTEMS

No one else in the industry does it quite like us. TECALEMIT's special projects team is dedicated to designing and engineering the best high flow transfer pump skid systems in the market.

TECALEMIT's DEF Pro-6000 systems are designed for bulk-to-tote, rail-to-bulk, or bulk dispensing. These systems are offered in various packages to meet specific flow rate ranges. They can be configured from simple packages, to more complex ones with Weights & Measures components or Different power sources.

### HANDLING A VARIETY OF FLUIDS

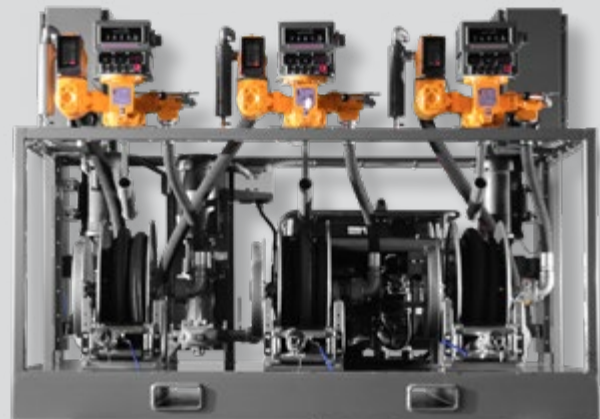
- MARINE FUELS
- DIESEL FUEL
- LUBE OIL
- COOLANT
- DEF
- TURBINE OIL
- RENEWABLE FUELS
- OTHER CHEMICALS



MOBILE



RAIL



WAREHOUSE

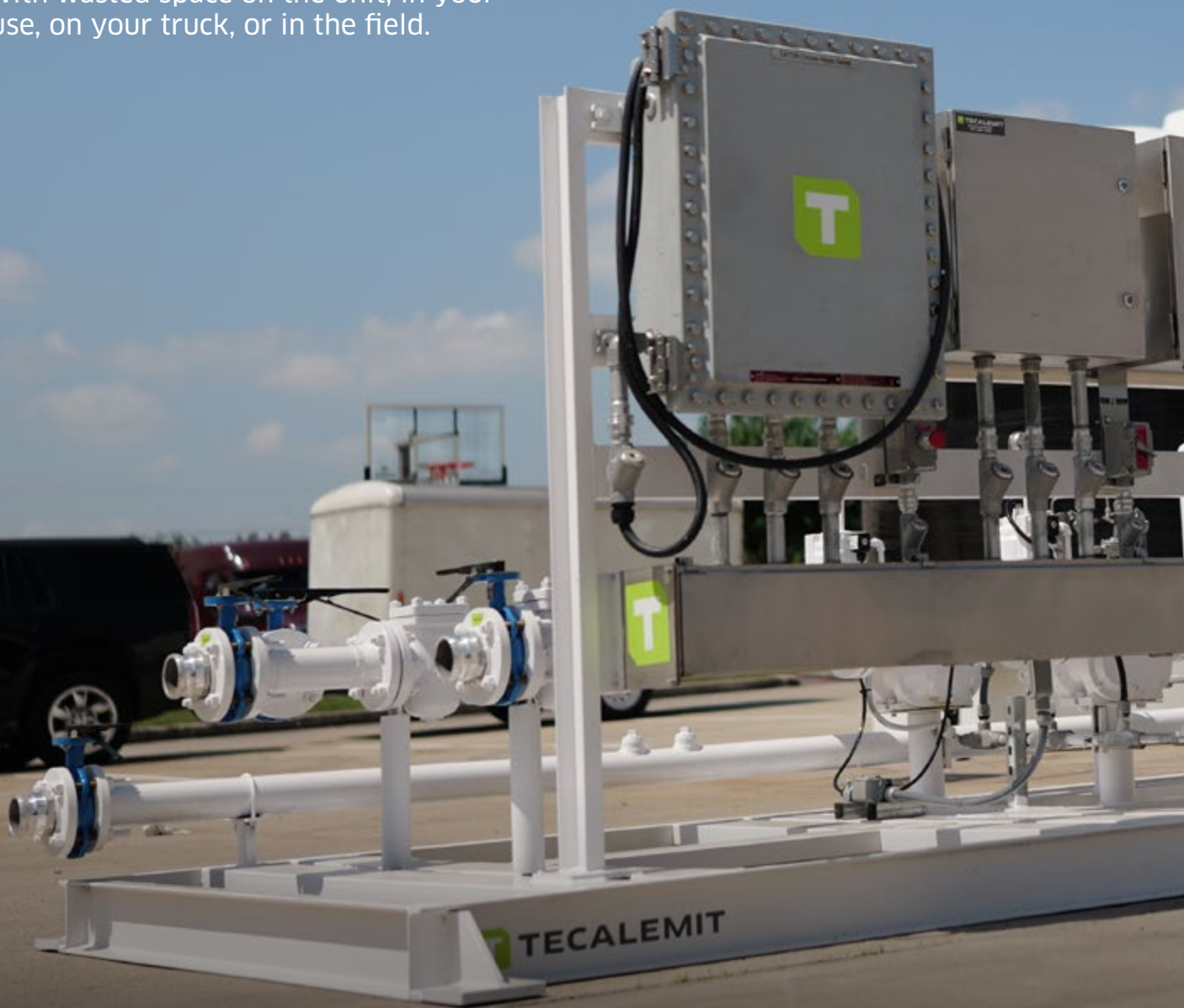
### AVAILABLE ACCESSORIES





# NE~~X~~FLOW™ LOADING RACK PRO

TECALEMIT's equipment solutions extend beyond off-the shelf items. We design and build custom high-flow transfer packages from dollies, to skids, wet hosing systems and truck belly boxes. These systems are carefully designed to meet the individual needs of the customer so you don't end up with wasted space on the unit, in your warehouse, on your truck, or in the field.







High Flow



Industrial Grade



Customizable



Aviation



Barge/Terminals



Truck To Truck



## TECHNICAL SPECIFICATIONS & FEATURES

Unit Type	Transloader 300
Supplied power	220v / 480v 60HZ
Unit Standard flow rate	300 GPM
Pump size	4" x 3" General Service Pump   20hp
Inlet/Outlet	4" inlet / 3" outlet
Approvals	Class 1 Div 2
Register	TCS3000



## TECHNICAL SPECIFICATIONS & FEATURES

Unit Type	Transloader 500
Supplied power	220v / 480v 3P
Unit Standard flow rate	500 GPM
Pump size	4" x 3" Chemical Process Pump   20hp
Inlet/Outlet	4" inlet / 4" outlet
Approvals	Class 1 Div 2
Register	TCS3000



## TECHNICAL SPECIFICATIONS & FEATURES

Unit Type	Loading Rack
Supplied power	220v / 480v 3P
Unit Standard flow rate	500 GPM
Bypass flow	300 GPM
Pump size	4" x 3" Chemical Process Pump   20hp
Inlet/Outlet	4" inlet / 4" outlet
Approvals	Class 1 Div 2
Register	TCS3000



## TECHNICAL SPECIFICATIONS & FEATURES

Unit Type	Loading Rack Pro
Supplied power	220v / 480v 3P
Unit Standard flow rate	500 GPM
Bypass flow	300 GPM
Pump size	4" x 4" Chemical Process Pump   20hp
Inlet/Outlet	4" inlet / 4" outlet
Approvals	Class 1 Div 2
Register	TCS3000

**STATIC & FULLY CUSTOM UNITS AVAILABLE**

# HIGH FLOW BULK TRANSFER UNITS



## PRODUCT COMPATIBILITY

- MARINE FUELS
- GASOLINE\*
- DIESEL FUEL
- RENEWABLE FUELS
- JET FUEL\*

\* CLASS 1 DIV 1



# DIESEL FILTRATION

## 4-Stage Diesel-Powered

**NEW  
PRODUCT!**

TECALEMIT's diesel filtration platform is built to deliver clean, dry, and reliable fuel in even the most demanding operations. Engineered as a modular, scalable system, this platform integrates multi-stage particulate removal, water separation, and real-time monitoring to protect equipment and maintain the highest standards of fuel integrity.

With options for advanced instrumentation, bypass controls, and high-capacity flow performance, TECALEMIT's diesel filtration platform represents our commitment to quality, durability, and trusted field performance across the full spectrum of diesel-powered operations.



### TECHNICAL SPECIFICATIONS & FEATURES

3" Pump - 3" Positive Displacement pump

24.4Hp Diesel Engine with instrument panel allowing increase and decrease of motor rpms with electric gauges and high/low safety shut down

130-150GPM

Control panel with all filter gauges to know when to change filters and also engine control panel

Sight glass on inlet, outlet, and bypass

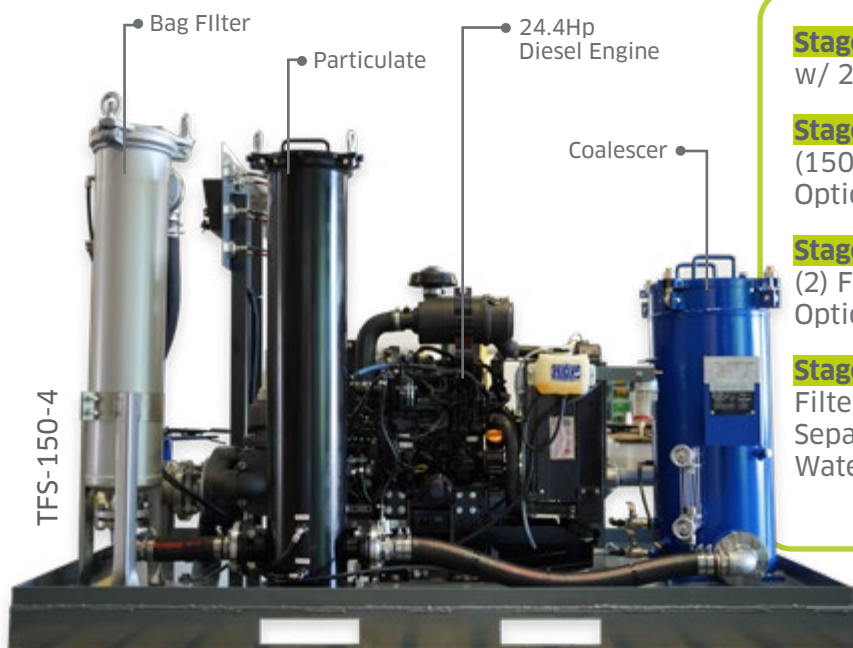
Bypass to run fluid through pump to a separate outlet to bypass filters

3 way full port valve to bypass filters

Butterfly valves on inlets and outlets

48" X 84" Carbon Steel Powder Coated Skid

2" flex piping



**Stage 1:** Dual Basket Strainers - 2' Basket Strainer w/ 20/40/100 Mesh Screen Options (Suction side)

**Stage 2:** Bag Filter - 2" Bag Filter Housing (150,200,250,300,400,600,800,1500 Micron Options)

**Stage 3:** Particulate Filter - 2" Filter tower w/ (2) Filter cartridges (2,3,5,10,30 Micron Element Options)

**Stage 4:** Coalescer water separator and filter - 2" Filter Tower w/ (5) Coalescer Filter Elements and (5) Separator Filter (water separator and particulates) Water Removal to less than 130 ppm2.

Carbon Steel Powder Coated Skid



# PLURFLOW

## FUEL POLISHER

### TECHNICAL SPECIFICATIONS & FEATURES

Voltage:	120V/60Hz
Rated Current:	9.5A
Output:	0.78KW
Flow Rate:	17GPM
Suction:	13' Hose 2" Camlock
Dispense:	13' Hose 1" Nozzle
ISO Rating:	18/16/13 *ISO rating met after
Particulate Filter Micron Rating:	25 Micron

### FEATURES:

- Water Absorption Filter
- Sight Glass with screen to extend filter life and let you know when the system is clogged.
- Flow meter to reset gallons pumped and track the turn process on the tank.
- Additional Filter Storage Bin.
- Separate PSI gauges to let you know when your filters need to be changed.
- 1" Swivel Auto Nozzle.
- Hose Hangers for easy transport.

- ★ For optimal fuel filtration, diesel fuel must pass through the filter system 7x times during circulation.
- ★ When transferring from tank to tank, diesel fuel only needs to pass through the filter system 1x time.



## TRUCK BELLY BOXES

## UPGRADES, REPAIRS & SERVICES

TECALEMIT's custom, turnkey Truck Belly Boxes are available in a variety of sizes with endless optional features to meet your specific needs. Each Truck Belly Box is made to order and designed to meet your individual needs. Additionally, each system is assembled by our dedicated Projects team and skilled personnel.



TECALEMIT's Special Services & Projects division is ready to get you back on the road quickly, safely, and with the reliability you expect from TECALEMIT.

Pump systems are our specialty, so when it comes to tank truck belly box repairs, upgrades, or completely refurbishing your truck box pump systems, no one has a more well-rounded offering than TECALEMIT. Our technicians have over 10 years' experience in the DEF, lube oil, and diesel fuel bulk transfer industry, building new systems, and upgrading existing ones.

If your truck box, trailer, mobile skid, or anything else requires maintenance, we are here for you! We have many accessories to get the job done, including meters, pumps, hoses, filters, and in-stock fittings.



TECALEMIT designs and builds DEF Wet Hosing Systems. These systems are the perfect solution for mobile fueling and on-site refueling where a delivery truck directly refills company vehicles and equipment on location.

## EQUIPMENT DISPENSING SOLUTIONS



GO WITH THE FLOW.

**T** **TECALEMIT**



When it comes to Fluid Inventory Management Systems, accuracy is key. TECALEMIT's range of systems provide just that. From standalone units to complete dispensing packages, our portfolio has it all.

The industry-known Wonderbox and Superbox units offer 1-hose, 2-hose, and 5-hose options, while our line of HDM eco Dispensers and our M1 Pro System offers built-in Fluid Inventory Management Systems for plug-and-play-ready packages.

Allocate for every drop dispensed and easily manage and monitor transactions between your choice of LAN, WiFi, USB, or our cloud-based application.

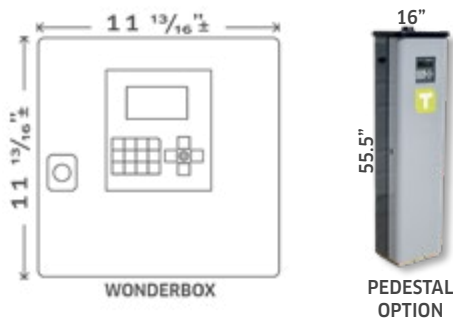




### TECHNICAL SPECIFICATIONS & FEATURES

Wonderbox handles a single hose dispensing point	
Tracks 4000 drivers/4000 vehicles	
Management system backup: 10,000 transactions	
Handles any fluid with proper pulse meter	
Secured groups include driver ID, vehicle ID, & odometer	
Tank level capability with Tecalemit probes	
Power:	110V 60Hz
Max. load:	10 Amps
Power on time:	100%

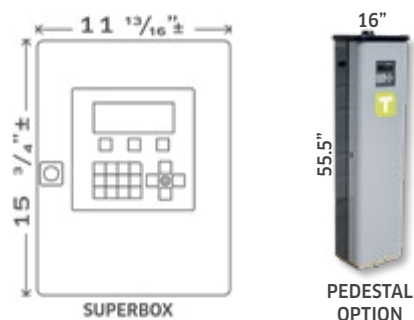
PART #	DESCRIPTION
US110500700	STANDARD 1 HOSE - USB UNIT



### TECHNICAL SPECIFICATIONS & FEATURES

Superbox handles up to 5 fueling points	
Tracks 4000 drivers/4000 vehicles	
Management system backup: 10,000 transactions	
Handles any fluid with proper pulse meter	
Secured groups include driver ID, vehicle ID, & odometer	
Tank level capability with Tecalemit probes	
Power:	110V 60Hz
Max. load:	2.5 Amps (0.5 per disp. point)
Power on time:	100%

PART #	DESCRIPTION
US110500800	STANDARD 5 HOSE - USB UNIT



## SINGLE-HOSE FLUID MANAGEMENT



## MULTI-HOSE FLUID MANAGEMENT





## HDM eco DEF DISPENSER TECHNICAL SPECIFICATIONS & FEATURES

Power:	110V 60Hz
Used with Diesel Exhaust Fluid (DEF)/W85 pump inside	
Tracks 4000 drivers/vehicles by driver ID, vehicle ID, & Odometer	
Accuracy:	+/- 0.5%
Flow rate (at nozzle):	10 gpm
Suction lift:	13 ft.

## HDM eco 80 DIESEL DISPENSER TECHNICAL SPECIFICATIONS & FEATURES

Power:	110V 60Hz
Used with diesel fuel/ W80 diesel pump inside	
Tracks 4000 drivers/vehicles by driver ID, vehicle ID, & Odometer	
Accuracy:	+/- 0.5%
Flow rate (at nozzle):	22 gpm
Suction lift:	8 ft.

PART #	DESCRIPTION
US110700900	HDM eco DEF - USB UNIT
US110700880	HDM eco 80 - USB UNIT
US110700850	HDM eco 80 - BASIC - NO PUMP
US233400032	LAN UPGRADE
US233400035	WIFI UPGRADE

For Cellular options contact your sales rep.



## TECHNICAL SPECIFICATIONS & FEATURES

Power:	110V 60Hz
Used with diesel fuel and Diesel Exhaust Fluid (DEF)	
Includes dual Hornet pumps (Diesel and DEF) (If equipped)	
Tracks 4000 drivers/4000 vehicles	
Management system back up: 10,000 transactions	
Secured groups include driver ID, vehicle ID, & odometer	
Transfer data via USB, LAN, WiFi, and cellular	
Flow rate (DEF):	10 gpm
Flow rate (diesel):	22 gpm

PART #	DESCRIPTION
M1 DISPENSER	M1 DISPENSER DUAL SIDED (USB)
US233400032	LAN UPGRADE
US233400035	WIFI UPGRADE

For Cellular options contact your sales rep.

M1 Pro System heated & insulated unit available.

M1 Pro System upgrade to 5 dispense points available.

# AUTOMATED DISPENSING STATIONS



# DOUBLE-SIDED DISPENSER





### TECHNICAL SPECIFICATIONS & FEATURES

12V G80C Continuous duty cycle pump

12v Wonderbox

FMOG-100 Digital Meter

13-ft 1" dispense hose

Diesel fuel filter hookup available



The FIS platform consists of an electronic dispenser for refueling vehicles in either a standalone application or integrated to a fuel management system. The dispenser is comprised of a suction pump, oval gear flow meter, dispensing hose with automatic nozzle and head unit for controlling and tracking dispensation.

These FIS solutions are optimized for delivery of diesel or DEF and integration to the Tecalemit Superbox (and 3rd party electronic management systems). These systems are ideal for users that like the Eco 80 for being fully integrated and plug-and-play but need a solution for sites with more than one dispensing point to track.

### Remote Eco 80

Power: 110V 60Hz

Pump: Hornet W80 Diesel

Meter: FMOG100 without Display

Solenoid Valve: 1" Solenoid Valve

Hose: 13' Diesel Hose (1" diameter)

Nozzle: A2010 Diesel Nozzle

### Remote Eco High Flow

Power: 110V 60Hz

Pump: Configurable (No pump included)

Meter: FMOG150 without Display

Solenoid Valve: 1 1/4" Solenoid Valve

Hose: 13' Diesel Hose (1" diameter)

Nozzle: A2015 Diesel Nozzle

### Remote Eco DEF

Power: 110V 60Hz

Pump: Hornet W85 DEF

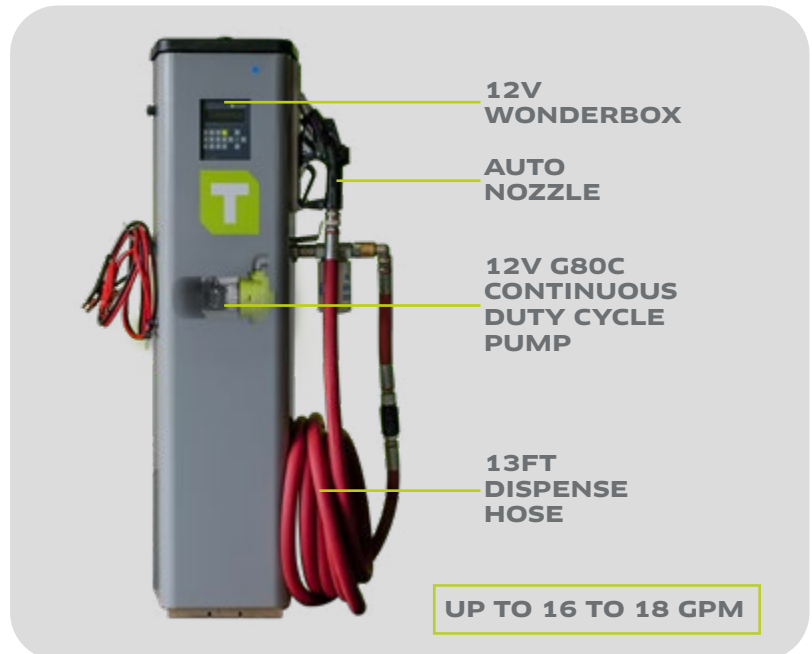
Meter: FMOG DEF without Display

Solenoid Valve: 3/4" Solenoid Valve

Hose: 13' DEF Dispense Hose (3/4" diameter)

Nozzle: SS01 Nozzle

## DIESEL Dispensing Package



### Configuration options:

- Pump or no pump.
- Solenoid valve for flow control (Remote Eco has a direct board connection for the pump and solenoid valve).
- Upgrade to FMOG150 meter.
- Control interface for 3rd party FMS.



GO WITH THE FLOW.

**T**TECALEMIT



TECALEMIT continues to refine our lube/oil and chemical packages for a fresh approach at bringing you the most flexibility and to capture more customer requests.

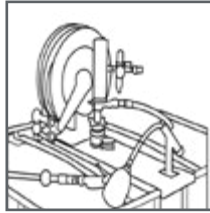
TECALEMIT offers lube/oil pump bundles, which include a pump, hose reel, and digital metered nozzle. Additionally, TECALEMIT offers complete and turnkey lube/oil tank packages with a variety of configurations to meet customer needs.

Capture and fulfill more requests with our broad range of lube/oil tanks and accessories.

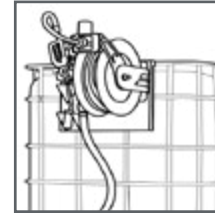
# TURNKEY LUBE OIL & CHEMICAL PACKAGES

**Tote Pro**

3:1 oil pump (4 GPM) w/ 1/4" FNPT air inlet connection  
HD powder-coated bracket  
Oil hose reel 50' x 1/2" max working pressure 160 bar  
Digital dispensing gun flow range up to 5 to 6 GPM



  
NO MORE TOPSIDE  
BRACKETS



  
EASILY MOUNT  
FROM THE FRONT



## TECHNICAL SPECIFICATIONS

110v Hornet W85 pump - continuous  
duty cycle  
HD powder-coated bracket - No  
hardware required  
Hose reel 25' x 3/4" - preinstalled  
Dispensing nozzle up to 10 GPM max -  
manual



## TECHNICAL SPECIFICATIONS

110v Hornet W85 pump - continuous  
duty cycle  
HD powder-coated bracket - No  
hardware required  
Hose reel 25' x 3/4" - preinstalled  
Dispensing nozzle up to 15 GPM max -  
manual



## TECHNICAL SPECIFICATIONS

110v Hornet W85 pump - continuous  
duty cycle  
HD powder-coated bracket - No  
hardware required  
Hose reel 25' x 3/4" - preinstalled  
Dispensing nozzle up to 15 GPM max -  
manual



## TECHNICAL SPECIFICATIONS

110v Hornet W85 pump - continuous  
duty cycle  
HD powder-coated bracket - No  
hardware required  
Hose reel 25' x 3/4" - preinstalled  
Dispensing nozzle up to 15 GPM max -  
manual



## TECHNICAL SPECIFICATIONS

PK3HD 3:1 Oil Pump  
HD powder-coated bracket  
Oil hose reel 50' x 1/2" (max working  
pressure 160 bar)  
Digital dispensing gun flow range  
up to 5-6 GPM max



## TECHNICAL SPECIFICATIONS

110v Hornet W85 pump - continuous  
duty cycle  
HD powder-coated bracket - No  
hardware required  
Hose reel 25' x 3/4" - preinstalled  
Dispensing nozzle up to 15 GPM max -  
manual



## 30 YEAR WARRANTY ON TANKS

### TECHNICAL SPECIFICATIONS & FEATURES

Choice between 165, 275, or 400 gallon tank
Choice of 3:1 or 5:1 lube oil pump
Metered dispensing oil gun (Preset Available)
Air Regulator
Mechanical Gauge
50' x 1/2" oil hose reel
Double wall design & Slim footprint
Outer Tanks holds 110 percent of inner tank for maximum protection

### SIZING OPTIONS:



**165 GALLONS**  
29"L x 28"W x 61"H



**275 GALLONS**  
43"L x 28"W x 61"H



**400 GALLONS**  
64"L x 30"W x 68" H



### TECHNICAL SPECIFICATIONS

Pump Options:	3:1/5:1
Flow rate:	5.28 gpm/4 gpm
Power:	Air Driven
50 ft hose reel	



### TECHNICAL SPECIFICATIONS

Std ½" Double Air Diaphragm Pump	
Flow rate:	10 gpm
Power:	Air Driven
20 ft hose	



### TECHNICAL SPECIFICATIONS

Pump:	W85 Hornet Pump
Flow rate:	10 gpm
Power:	110v 60hz
25 ft hose reel	



### TECHNICAL SPECIFICATIONS

Pump:	Hornet W85 Hybrid Pump
Flow rate:	20-22 gpm
Power:	115v 60hz
20 ft hose	



### TECHNICAL SPECIFICATIONS

Pump:	Explosion-proof pump
Flow rate:	10 gpm
Power:	110v 60hz
25 ft hose reel	



### TECHNICAL SPECIFICATIONS

Std double air diaphragm pump	
Inlet/Outlet:	1"
Power:	Air Driven
20 ft hose	



NFPA® 31  
CSA  
B-139-04  
2258



# LUBE/OIL PUMP BUNDLES

PK3HD & PK5HD PUMPS, HOSE REEL, & NOZZLE  
EQUIPMENT COMPONENTS TO COMPLETE YOUR OIL PACKAGES

The lube/oil pump bundle from TECALEMIT includes your choice of either a 3:1 or 5:1 pump, a hose reel, and a digital metered nozzle. This bundle is an ideal solution to accompany your lube/oil tanks you might already have onsite. Save time during your purchasing process by going with a solution that provides some of the key components of a lube/oil tank package within a single bundle.

Experience the performance and reliability you expect from TECALEMIT's product portfolio. Packaged with value and options to give you the most flexibility, the lube/oil pump bundle will get you where you want to go.



## PK3HD PUMP OPTION

### TECHNICAL SPECIFICATIONS & FEATURES



Lower pump material:	Carbon steel
Air inlet pressure:	30-150 psi
Fluid pressure:	450 psi
Flow rate:	5.28 gpm
Air inlet size:	1/4" NPT (F)
Fluid outlet size:	1/2" (M)
3:1	

## HOSE REEL

### TECHNICAL SPECIFICATIONS & FEATURES



Hose length:	50 ft.
Hose size:	1/2"
Working pressure:	2320 psi/160 bar
Hose material:	S.A.E. 100R1 wire braid
Weight:	64.8 lbs.
<b>PART # M860154</b>	

## PK5HD PUMP OPTION

### TECHNICAL SPECIFICATIONS & FEATURES



Lower pump material:	Carbon steel
Air inlet pressure:	30-150 psi
Fluid pressure:	750 psi
Flow rate:	4 gpm
Air inlet size:	1/4" NPT (F)
Fluid outlet size:	1/2" (M)
5:1	

## PRESETABLE DIGITAL METERED NOZZLE

### TECHNICAL SPECIFICATIONS & FEATURES



Inlet connection:	1/2"
Pressure range:	7-725 psi
Temperature:	14°F to 140°F
Accuracy:	+/- 0.5%
Rigid tube   Manual tip   Digital meter	
<b>PART # 1781501</b>	
<b>PART # 18133513</b>	

GO WITH THE FLOW.

**T** **TECALEMIT**



TECALEMIT's range of transfer pumps are second to none. Each unit was uniquely designed with the end user in mind. We understand the importance of efficient pump designs that allow customers to obtain a greater ROI.

TECALEMIT now offers three 100% continuous-duty cycle pumps in our portfolio for DEF and Diesel - both 110V and 12V. Our range of hand and pneumatic pumps are also available and provide ideal solutions for smaller applications.

TECALEMIT's collection of transfer pumps can handle configurations large and small. They're known in the industry for dispensing longer distances, having greater suction lifts, and offering higher flow rates.

In addition, TECALEMIT's pumps are compatible with a wide range of fluids including DEF, diesel, water, antifreeze, oils, and chemicals.

**ADVANCED FLOW**  
TECHNOLOGIES AMERICAS

DEF FUEL

## **HORNET W85H** DEF CONTINUOUS DUTY CYCLE PUMP

### TECHNICAL SPECIFICATIONS & FEATURES

100% continuous duty cycle	
Thermal overload protection	
Capable of pushing product through hose lengths of 100 ft.	
Suction lift:	13 ft.
Power:	110V 60Hz
Max. pressure:	36 psi
Dimensions (W x D x H):	8" x 5" x 10"
Flow rate (with accessories):	10 gpm
Inlet/Outlet:	3/4" BSP

## **HORNET W85H** DIESEL CONTINUOUS DUTY CYCLE PUMP

### TECHNICAL SPECIFICATIONS & FEATURES

100% continuous duty cycle	
Thermal overload protection	
Capable of pushing product through hose lengths of 100 ft.	
Suction lift:	13 ft.
Power:	110V 60Hz
Max. pressure:	36 psi
Dimensions (W x D x H):	8" x 5" x 10"
Flow rate (with accessories):	22 gpm
Inlet:	1" NPT, with included 2" adapter to tank
Outlet:	1"

## **G80c12V** 12 VOLT DIESEL PUMP

### TECHNICAL SPECIFICATIONS & FEATURES

100% continuous duty cycle	
Self suction   Self-priming   Self-adjusting blades	
Recirculation bypass	
Tropicalized for warm & humid climates	
Anti-rust treatment	
Self-ventilated, dust protected motor	
IP-55 protection	
Free flow:	18-20 gpm
Inlet/Outlet:	1" BSP

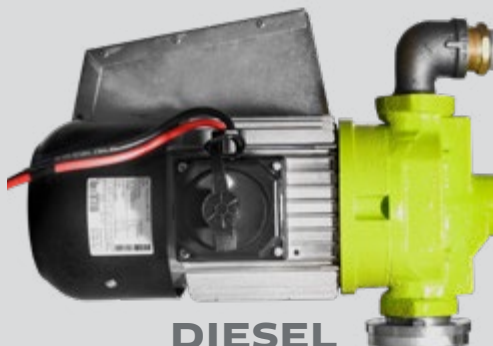
## **DIESEL & DEF** TRANSFER PUMP



**DEF**



**DIESEL**



**DIESEL**



GO WITH THE FLOW.

**T** **TECALEMIT**



TECALEMIT designed the original “all-in-one” DEF storage and dispensing system, which we designated the DEF-Pro All In One System™.

Known in the industry for its performance, value, and incredible return on investment, the turnkey DEF-Pro All In One System provides a solution for the increasing demand for DEF.

These packages come in a variety of configurations for both warm or frigid climates. They’re also available in a variety of tank gallon capacities and provide the ideal means to safely store and dispense DEF.

Trust the creators of the original system. Trust the T.

**ADVANCED FLOW**  
TECHNOLOGIES AMERICAS

DEF FLOWS

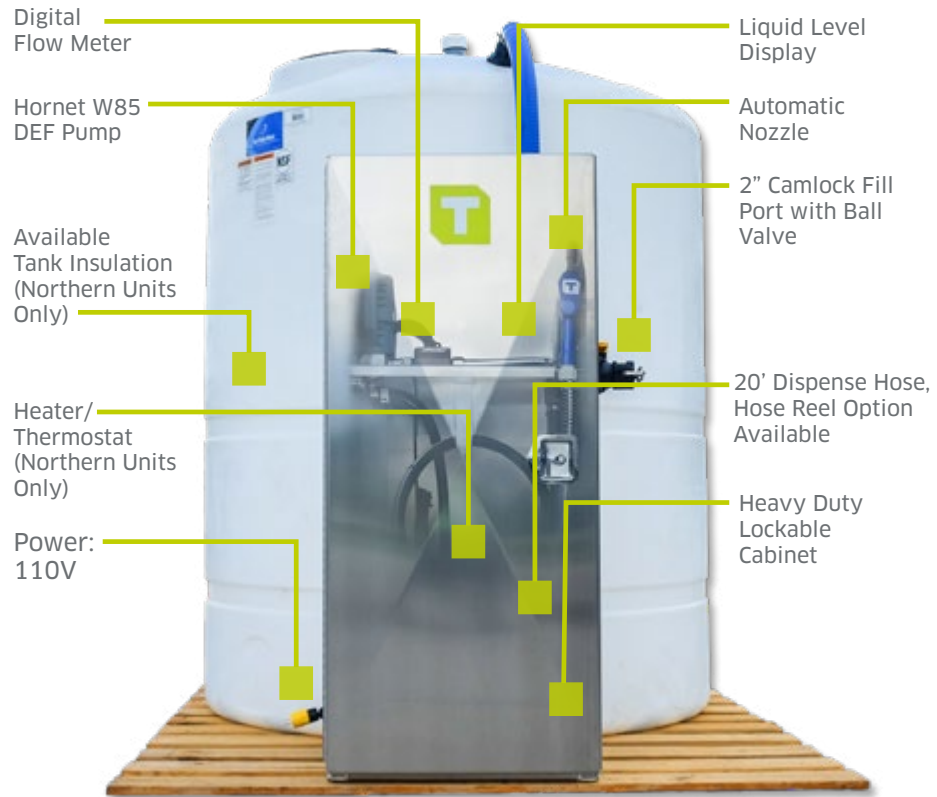


# THE FAMILY OF ALL IN ONES

TECALEMIT's promise is to provide customers with products and services of premium quality, and to exceed customer expectations. For our All In One™ mini bulk tanks, our promise extends to providing the best turnkey mini bulk tanks with a small investment upfront, and a quick ROI in return.

Our innovative all-in-one tank setup has become a staple in the industry – and because of so many requests, we've expanded it to handle more than just DEF. We now offer variations for DEF, oil, coolant, and windshield washer fluid. Our All In Ones come in several different builds to fit your needs or budget, including an economy package, packages with lockable cabinets, fuel management systems, packages for northern and southern climates, and high-flow packages.

# MINI BULK TANK PACKAGES



**DEF PRO**  
**ALL-IN-ONE**  
**THE ORIGINAL**

Double wall options available.



DEF



OIL



COOLANT



WASHER FLUID



CHEMICALS



**Oil PRO**  
**ALL-IN-ONE**

Multiple Pump Configuration



**COOLANT PRO**  
**ALL-IN-ONE**

Air Driven Pumps



**WWF PRO**  
**ALL-IN-ONE**

Explosion Proof Available



**CHEM PRO**  
**ALL-IN-ONE**

Diesel Additives

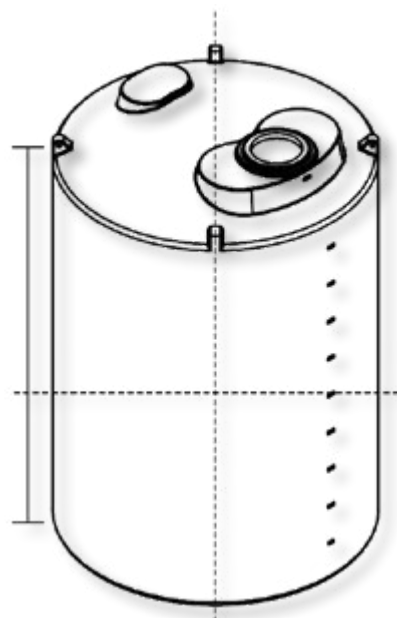
# DEF-PRO ALL IN ONE™

## MINI BULK TANK PACKAGES

**THE VALUE-DRIVEN SOLUTION FOR STORING & DISPENSING DEF**

### TANK SPECIFICATIONS & PARAMETERS

GALLON CAPACITY	CONFIGURATION	DIAMETER	HEIGHT
525 GALLON	SINGLE WALL	46"	77"
750 GALLON	SINGLE WALL	46"	116"
1000 GALLON	SINGLE WALL	64"	81"
1150 GALLON	SINGLE WALL	46"	156"
1500 GALLON	SINGLE WALL	64"	116"
2000 GALLON	SINGLE WALL	93"	78.5"
3000 GALLON	SINGLE WALL	95"	10"
6500 GALLON	SINGLE WALL	119"	147"
405 GALLON	DOUBLE WALL	47"	76"
550 GALLON	DOUBLE WALL	60"	73"
1050 GALLON	DOUBLE WALL	72"	87"
1550 GALLON	DOUBLE WALL	72"	123"
2050 GALLON	DOUBLE WALL	72"	159"
2550 GALLON	DOUBLE WALL	96"	119"
3050 GALLON	DOUBLE WALL	96"	138"



Anchoring Kits Available

#### ECONOMY UNIT



\*Image shows optional filter upgrade option

#### SOUTHERN UNIT



\*Image shows optional hose reel upgrade option

#### NORTHERN UNIT



#### EXTREME WINTER UNIT



### TECHNICAL SPECIFICATIONS & FEATURES

#### ECONOMY UNIT

Ideal for warm climates

---

Hornet W85 hybrid pump

---

Hanging bracket poly welded to tank

---

20 ft. delivery hose with auto nozzle

---

FMT 3 digital DEF flow meter

---

Suction hose with ball valve

---

2" remote fill line on 750 gal. & larger

---

Plug & play | Ships on pallet (LTL)

#### SOUTHERN UNIT

Ideal for warm climates

---

Hornet W85 hybrid pump

---

Heavy duty aluminum lockable cabinet

---

20 ft. delivery hose with auto nozzle

---

FMT 3 digital DEF flow meter

---

Suction hose in place

---

2" remote fill line on 750 gal. & larger

---

Micro Matic closed loop connection

#### NORTHERN UNIT

Ideal for cold, frigid climates

---

Hornet W85 hybrid pump

---

Heavy duty aluminum lockable cabinet

---

20 ft. delivery hose with auto nozzle

---

FMT 3 digital DEF flow meter

---

2" remote fill line on 750 gal. & larger

---

Liquid level PS with LCD display

---

Tank insulation & cabinet heater

---

Operates up to -10° F

#### EXTREME WINTER

Ideal for extreme cold

---

Hornet W85 hybrid pump

---

Heavy duty aluminum lockable cabinet

---

20 ft. delivery hose with auto nozzle

---

FMT 3 digital DEF flow meter

---

2" remote fill line on 750 gal. & larger

---

Liquid level PS with LCD display

---

Tank insulation & cabinet heater

---

Operates at -20°F - 40°F

---

Heat wrap


# LEVEL CONTROLLER

## TECHNICAL SPECIFICATIONS & FEATURES

Ensure continued supply  
Remote configurability  
Spot and continuous inventory measurement and management  
Programmable alarms, and data reporting interval 24/7 accurate and Reliable tank level monitoring

GAS - DIESEL - DEF - LUBE OIL - OTHERS



- » Set up and edit equipment quickly
- » Create & schedule customized reports
- » Review historical data for trends & insights
- » Configure alarms prompting email alerts to scheduled personnel
- » Reliable & secured 



## LEVELCONTROLLER PS

### TECHNICAL SPECIFICATIONS & FEATURES

Includes Level Probe | Continuous content level measuring  
5-digit display  
Accuracy: 0.5%  
Temperature range: 14 to 122°F  
Max. tank height: 13 ft.  
Weight: 0.8 lbs.  
Dimensions (W x D x H): 5" x 2" x 5"

# WIRELESS LIQUID LEVEL MONITORING



## LEVEL CONTROLLER

### Stainless Level Probe

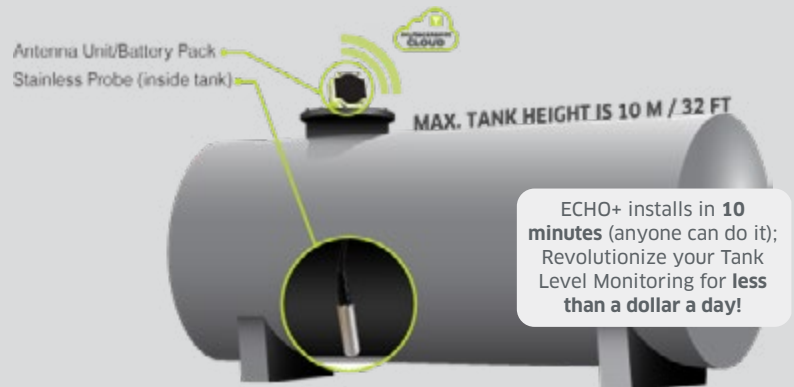
- » Sensor Precision
- » Differential Pressure
- » Radio Approval FCC

### Antenna Unit/Battery Pack

- » Class I Div 2
- » 3.6v Battery
- » 2-5 Battery Life



## QUICK INSTALLATION



AUTOMATION



REAL-TIME



SECURITY



COLLABORATION



- Includes level probe
- Continuous level measuring



GO WITH THE FLOW.

**T** TECALEMIT



TECALEMIT's range of flow meters were engineered with accuracy, innovation, and value in mind.

The FMOG line of oval gear meters offers pulse out features, LCD display options, and high-flow capabilities for our diesel & DEF lines.

TECALEMIT's newest addition to the flow meter range is the FMT III electronic turbine meter, which made its mark on the industry featuring a symmetric measurement chamber, allowing the meter to be used with all flow directions.

TECALEMIT's range of flow meters are compatible with a variety of fluids, including Diesel Exhaust Fluid (DEF), diesel fuel, lubes/oils, and more.

ADVANCED FLOW



## FMOG 100

Used for diesel fuel and lubes

PART #	DESCRIPTION
US027176603	FMOG 100 aluminum pulser w/ display

### TECHNICAL SPECIFICATIONS

Flow:	26 gpm
Pulse ratio:	50 pulse/gal dual channel
Inlet/outlet:	1" FNPT



## FMOG 100

Used for diesel fuel and lubes

PART #	DESCRIPTION
US027176600	FMOG 100 aluminum pulser no display

### TECHNICAL SPECIFICATIONS

Flow:	26 gpm
Pulse ratio:	204.22/gal single channel
Inlet/outlet:	1" FNPT



## FMOG 150

Used for high-flow and HD applications

PART #	DESCRIPTION
US027177603	FMOG 150 aluminum pulser w/ display

No display option available

### TECHNICAL SPECIFICATIONS

Flow:	Up to 40 gpm
Pulse ratio:	50/gal per channel
Inlet/outlet:	1.25" FNPT



## FMOG FOR DEF

Used with Diesel Exhaust Fluid (DEF)

PART #	DESCRIPTION
US253400030	FMOG DEF pulser

No display option available

### TECHNICAL SPECIFICATIONS

Flow:	10 gpm
Pulse ratio:	100/gal dual channel
Inlet/outlet:	1" BSP



## FMT3 FOR VARIOUS FLUIDS

Multi-directional flow

PART #	DESCRIPTION
US253591006	FMT 3 turbine meter non-pulser
US253591098	FMT 3 turbine meter pulser

### TECHNICAL SPECIFICATIONS

Flow rate min./max.:	1-30 gpm
Pulse ratio (pulser model only):	100:1
Inlet/outlet:	1" BSP



## FMOG-HF ULTRA FLOW

Used for ultra high flow operations

PART #	DESCRIPTION
FMS01-ND	1" SS Flow meter up to 32 GPM commercial w/ digital display
FMS01-NP	1" SS Flow meter up to 32 GPM commercial w/ pulse out
FMS015-ND	1.5" SS Flow meter up to 66 GPM commercial w/ digital display
FMS015-NP	1.5" SS Flow meter up to 66 GPM commercial w/ pulse out
FMS02-ND	2" SS Flow meter up to 132 GPM commercial w/ digital display
FMS02-NP	2" SS Flow meter up to 132 GPM commercial w/ pulse out

GO WITH THE FLOW.

**T** **TECALEMIT**



Here at TECALEMIT, we understand the importance of small details. We offer performance accessories to help you complete your turnkey projects. Each of these small components are kept in stock in our warehouse and are readily available to you.

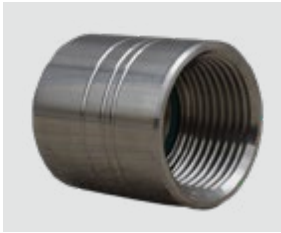
Our performance accessories are here to service existing systems for your customers. From hoses, hose reels, and hose barb connectors, to filter housings and filter elements, to everything in-between, we have it covered.

No need to find yourself scrambling for those last minute items to complete your projects. We acknowledge the smaller details, and it's in those small details where service truly comes alive.





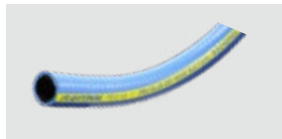
**MICRO  
MATIC**



**DOWNTUBE**



**CHEMICAL**



**FOBS**

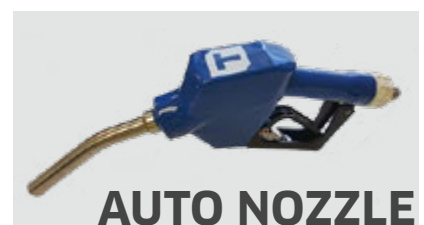


**SOLENOID**

We have the accessories you need!

If you're looking for something specific for a new package, let us know and we will help design your build with the correct parts.

Looking to replace or upgrade parts? We have those too! Just let us know what you need and we'll get it to you!



**AUTO NOZZLE**



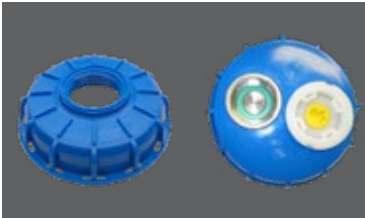
**MANUAL**



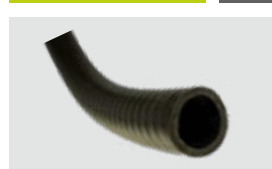
**NOZZLE**



**BREAKAWAY**



**CHEMICAL**



**HOSES**



# VALVES

WE OFFER VALVE SOLUTIONS FOR VIRTUALLY ANY APPLICATION

BD-3071



OIL &amp; GAS

DB-2529



NEW NRG

DB-37DT



TEMPERATURE

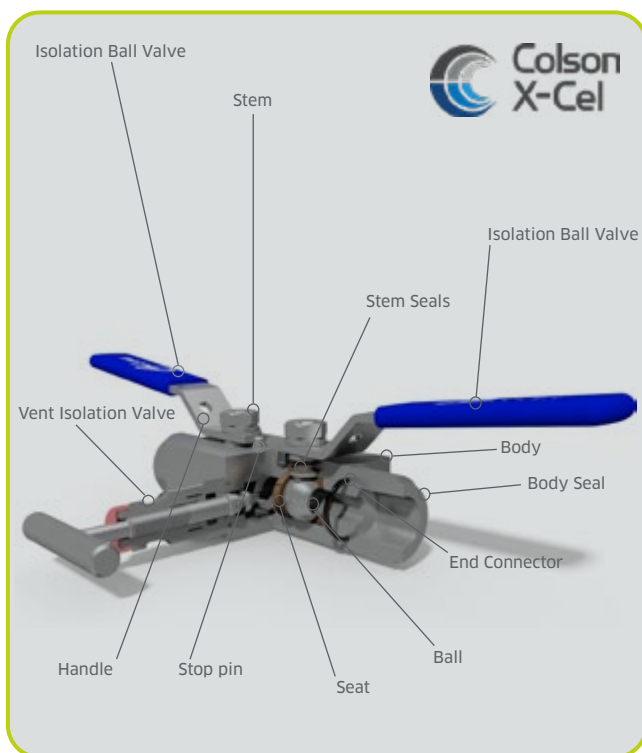
DB-43

H<sub>2</sub>O  
TEMPERATURE

For critical liquid and gas control, Advanced Flow Technologies Americas delivers engineered valve solutions backed by over five decades of proven performance. From standard industrial service to extreme temperature and pressure environments, we design and manufacture **Solenoid and Externally Controlled valves** that keep operations running reliably.

## Engineering strengths include:

- Hydrogen & high-pressure valves rated to 1,200 bar
- Vacuum/low-pressure valves to -0.9 bar
- Thermal-resistant valves up to +400°C
- Cryogenic service valves down to -196°C
- Precision-machined valve blocks built to specification



## Instrumentation:

Colson X-Cel design and manufacture instrument ball, needle, manifold and check valves for the oil, gas, chemical and power-gen industry.

## Pipeline products

Colson X-Cel provide phenomenal process piping Double Block and Bleed Valves from ½" to 12" in size.

## Fugitive emission valves

Colson X-Cel manufacture a range of valves which achieve super low emissions to the ISO 15848 Part 1 qualification.

## Chemical Injection Valves

Colson X-Cel manufacture a range of sampling and chemical injection Double Block and Bleed Valves, which are supported with wake calculations to ASME PTC 19.3 TW-2016.

GSR



CUSTOM VALVE BLOCKS

## CERTIFICATIONS

SIL



EAC



GO WITH THE FLOW.

# TECALEMIT USA LIMITED WARRANTY

Tecalemit, Inc. ("Seller") warrants to the Buyer that all equipment and parts manufactured by Seller will be free from defects in material and workmanship, under normal use and service, for a period of **two years** from the date of original shipment.

**Exclusions:** Custom-build workmanship and build-only components – including, but not limited to, cabinets, tanks, dolly wheels, frames, and cord reels – carry a **one-year** warranty.

This warranty does not apply to any equipment or parts that have been subjected to damage, abuse, neglect, misuse, improper operation, failure to follow the manufacturer's operating instructions and conditions, or any alteration performed outside Seller's direction.

This warranty does not extend to products or components not manufactured by the Seller but furnished as part of Seller's equipment (such as motors, starters, thermometers, controls, etc.). For these items, Seller conveys to the Buyer the warranty, if any, of the component manufacturer, to the extent such warranty is transferable without additional cost to Seller.

**THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED (INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE),** and in lieu of all other obligations or liabilities on the part of the Seller. Seller does not assume, nor authorize any other person to assume, any obligation or liability beyond what is expressly stated herein. Seller's liability is limited to the **purchase price** of the equipment.

Seller shall not be liable for any loss of profit, plant shutdown, non-operation or increased operating costs, loss of product or materials, or any other special, incidental, or consequential damages. Seller's sole obligation under this warranty is, at Seller's option, **repair or replacement** of defective goods. If the original product is no longer available, Seller may replace it with a similar product of equal or greater value. Buyer's exclusive remedy for breach of warranty is the enforcement of these obligations.

Charges for shipping and insuring products to Tecalemit, Inc. are the Buyer's responsibility. Tecalemit, Inc. will return warrantied products via ground shipping at no charge for deliveries within the contiguous United States. International shipping charges and customs fees, both to and from Tecalemit, Inc., are the Buyer's responsibility.

Buyer's acceptance of delivery of equipment constitutes acceptance of this warranty policy and all associated terms, conditions, and limitations.

**This document shall be governed by and construed in accordance with the laws of the United States and the State of Texas.**



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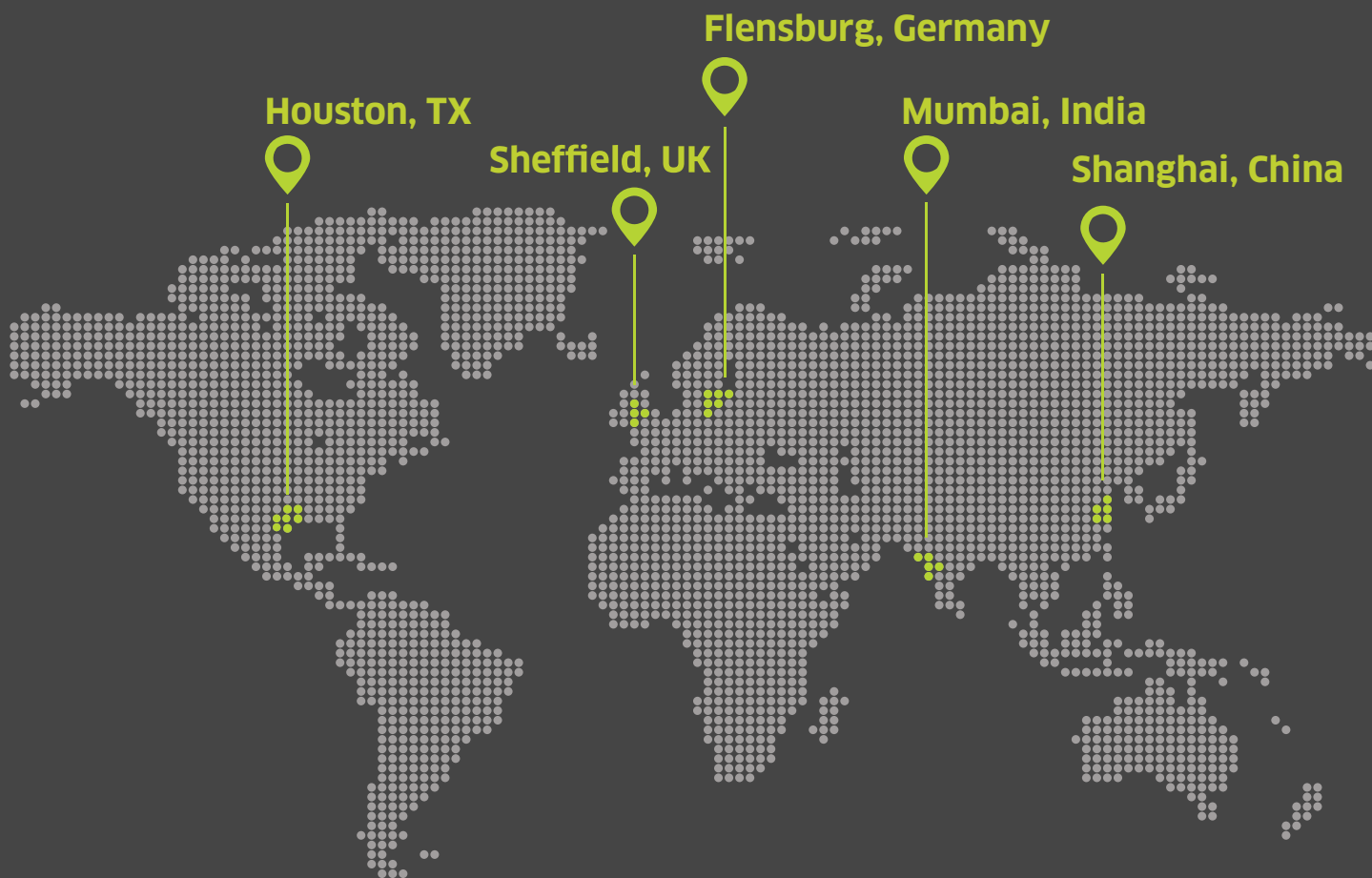
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**ADVANCED FLOW**  
TECHNOLOGIES AMERICAS





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#TrustTheT

