

DEF ACCESSORIES & BULK TRANSFER SYSTEMS

From prototype to production, FMT DEF pumps are engineered to do one thing - dispense DEF. Every part and component are certified ISO 22241 DEF-compatible to ensure you never have to worry about contaminants compromising the chemistry.



DEF ISO 22241

» ACCESSORIES



Heavy Duty Mobile Drum Cart

- > Strong materials and rigid construction combine to make this high-quality cart
- > Easy to handle and maneuver in tight spaces

17 077 006



Hose Reel

- > Material combination axis / bearing and the spring unit are maintenance free
- > Easily mounted to wall or floor to ensure optimal placement

29 821 006



DEF Filter Unit - 92mm

- > No tools required to replace filters
- > Easy to disassemble and clean as needed

25 180 006



In-Line Digital Meter

- > Ability to display four different measured units: liters, gallons, pints and quarts
- > Display can be adapted to the direction of the flow in 90° steps

23 295 006



Stainless Steel Automatic Shut-off Nozzle

- > Compatible with all FMT pumps and systems

23 171 006



DEF Filter Candle Unit - 92mm

- > Fits securely in the DEF Filter Unit - 92 mm

25 185 006



Pulse Meter

- > Stainless steel meter housing offers quality and protection of the metering unit in all environments

23 823 006



Manual Poly DEF Nozzle

- > Compatible with all FMT pumps and systems
- > Lock pin feature

23 161 006

» BULK TRANSFER SYSTEMS



30 GPM DEF BULK TRANSFER SYSTEM

Meter & Register

- > Positive displacement meter
- > Mechanical register
- > Mechanical printer
- > Air eliminator
- > Weights & Measures approved

2-Wheel Dolly

- > Pump Protectors
- > Meter guard
- > Filter guard
- > Stainless steel fitting tray
- > Pneumatic tires

Pump & Motor

- > Stainless steel self-priming pump
- > 120V Motor single phase motor
- > 25' Electrical cord with 15 Amp plug

OPTIONS/ADD-ONS

- > 30 GPM Rated filter housing with 1 micron filter
- > Poly spit tank for air eliminator
- > Higher flow self-priming pump
- > Quick connect package for tanks & totes (tote to tote / bulk to tote)

Hose Assembly

- > 1" x 10' suction hose w/SS MNPT ends
- > 1" x 20' discharge hose w/SS MNPT ends
- > Hose hangers for both suction and discharge lengths



45 GPM DEF BULK TRANSFER SYSTEM

Meter & Register

- > SS positive displacement meter
- > Welded inlet and outlet connections
- > Mechanical resettable register with mechanical printer
- > Aftermarket SS strainer
- > Aftermarket SS air eliminator
- > Spit tank plumbed to air eliminator
- > Meter weights & measures approved

Filter Assembly

- > SS filter housing
- > Pressure gauges
- > Drain valves
- > 1-micro melt blown filters
- > Carbon steel reinforced base frame

Pump & Motor

- > Polypropylene Mag-Drive pump
- > Self-priming operation to lift product
- > Flange inlet & outlet
- > 5-year warranty
- > Single phase 120V/230V AC/60 Hz electric motor
- > Manual motor starter with overload protection
- > 12/3 x 25' electrical cord with plug

Filter Assembly cont.

- > 4' W x 4' L x 6" H platform
- > Forklift and pallet jack accessible
- > Painted with 2-Part Polyurethane

Hose Assembly

- > 1.5" x 50' capacity hose reel
- > Spring rewind hose reel
- > Includes SS waterway & 4-way roller assembly
- > 1.5" x 50' def reinforced discharge hose with SS MNPT ends
- > 1.5" x 20' reinforced def suction hose with SS MNPT ends
- > Hose hanger for suction hose

FMT^{na}

DEF PUMPS • DEF TANKS • DEF ACCESSORIES



ISO 22241
Compatible Materials
of Construction



»DRUM PUMP SYSTEMS



23 741 546 [120V Poly Nozzle]

PREMAxx 120V Pump System

- > Drum Pump System includes 120V axial gear pump, discharge hose, suction hose, drum adapter coupling and poly manual nozzle
- > Can be manually operated in case of electrical power outage
- > Designed exclusively for use as a drum pump
- > 1 Year Limited Liability Warranty



23 761 546 [12V Poly Nozzle]

PREMAxx 12V Pump System

- > Drum Pump System includes 12V axial gear pump, discharge hose, suction hose, drum adapter coupling and poly manual nozzle
- > Can be manually operated in case of electrical power outage
- > Designed exclusively for use as a drum pump
- > 1 Year Limited Liability Warranty



13 004 546 [Manual Poly Nozzle]

Drum Hand Pump System

- > Drum Hand Pump System includes expandable downtube, drum adapter and poly manual nozzle with lock pin feature
- > Drum adapter allows precise connection of pump on the drum
- > Efficient DEF delivery rate, per manual pump stroke

»PRO SERIES TOTE PUMP SYSTEMS



25 227 546 [120V SS Nozzle]

Pro Series 120V Pump System with Stainless Steel Nozzle

- > Pro Series Tote Pump System includes 120V diaphragm tote pump, discharge hose, suction hose and stainless steel automatic shut-off nozzle
- > Die-cast aluminum motor and switch case make the pump more durable
- > Double gasket "leak free" fitting design
- > 3 Year Limited Liability Warranty
- > Optional Flow Meter kit available



25 226 546 [120V Poly Nozzle]

Pro Series 120V Pump System with Poly Nozzle

- > Pro Series Tote Pump System includes 120V diaphragm tote pump, discharge hose, suction hose and poly manual nozzle
- > Die-cast aluminum motor housing and switch case make the pump more durable
- > Double gasket "leak free" fitting design
- > 3 Year Limited Liability Warranty
- > Optional Flow Meter kit available



25 246 546 [12V Poly Nozzle]

Pro Series 12V Pump System with Poly Nozzle

- > 12V Tote Pump System includes diaphragm tote pump, discharge hose, suction hose, poly nozzle and connection cable with battery terminal clips and fuse holder
- > Die-cast aluminum motor and switch case make the pump shock resistant
- > Operability when temperature fluctuations occur and in areas where wide temperature ranges are common
- > 3 Year Limited Liability Warranty
- > Optional Flow Meter kit available



»SUPER PRO SERIES TOTE PUMP SYSTEM



25 236 546 [120V SS Nozzle]

Super Pro Series Tote Pump System

- > Super Pro Series Tote Pump System includes 120V diaphragm tote pump, discharge hose, suction hose, in-line digital meter, stainless steel automatic shut-off nozzle, and filter assembly
- > Offers easily accessible and replaceable filter cartridge
- > Operability when temperature fluctuations occur and in areas where wide temperature ranges are common
- > 3 Year Limited Liability Warranty

»PRO SERIES PUMPS ONLY



25 280 546

Pro Series 120V Pump Only

- > Tote Pump has a suction height of 9.8 feet
- > Die-cast aluminum motor and switch case make the pump more shock resistant
- > Operability when temperature fluctuations occur and in areas where wide temperature ranges are common
- > 3 Year Limited Liability Warranty



25 281 546

Pro Series 12V Pump Only

- > Tote Pump has a suction height of 9.8 feet
- > Die-cast aluminum motor and switch case make the pump more shock resistant
- > Operability when temperature fluctuations occur and in areas where wide temperature ranges are common
- > 3 Year Limited Liability Warranty

»MOBILE TRUCK TANK



- > HDPE UV resistant molded tank
- > Available in 66 or 115 gallon sizes
- > Lockable protection lid
- > Molded forklift pockets
- > 12V Self priming diaphragm pump
- > 20' DEF hose
- > Manual poly nozzle



26 908 006 [66 Gallons]

TANK SIZE (Gallons)	LxWxH (Inches)
66	48"x36"x107"
115	96"x36"x107"

26 901 006 [115 Gallons]



DEF SOLUTION USAGE IN GALLONS	RECOMMENDED SYSTEM Storage / Dispensing Size		
	DRUM SYSTEM	TOTE SYSTEM	PLUG AND PUMP STATIONARY SYSTEM
# OF SCR UNITS	1-5	8-13	13+
DIESEL FUEL GAL. PER WK.	500-2,000	3,000-5,000	5,000+
PER WEEK	30-120	180-300	300+
PER MONTH	120-480	720-1,200	1,200+
PER YEAR	1,440-5,670	8,640-14,400	14,400+

»DEF STATIONS

The DEF station offers everything needed to ensure your operation has the capability to store and pump the DEF you need in this portable, quality station.

Available in 396, 660 and 1,320 Gallons

- > Double wall HDPE tanks w/UV resistant material
- > Pre-wired and ready for operation
- > Tank fluid level indicator by percentage
- > 120V Diaphragm Pump
- > Optical and visual leak alarm
- > Lockable fill door
- > 3 year warranty pump system
- > 20' DEF hose
- > Stainless in-line digital meter
- > Stainless automatic DEF nozzle
- > Insulated/heated options also available



26 716 006 [396 Gallons]



26 736 006 [660 Gallons]



26 756 006 [1,320 Gallons]

»MINI BULK SYSTEM



DEFTKMB500 [500 Gallons]
DEFTKMB1000 [1000 Gallons]

TANK SIZE* (Gallons)	LxWxH (Inches)	WEIGHT (Pounds)
500	48"x36"x107"	~800 lbs
1000	96"x36"x107"	~1600 lbs

* Ability to expand to 2,000 gallons

SYSTEM CONTAINS

- > Unit fits on all standard width fuel islands
- > Modular design allows the equipment to grow with increasing DEF demand
- > Polished stainless steel outer panels and roof
- > High density polyethylene tank with no bottom or side-wall penetrations
- > Keeps fluid safe from environmental hazards
- > Easily relocatable
- > Integrates with any brand commercial, fleet or retail dispenser
- > 120V design standard with a 1/2 HP submersible DEF pump
- > Pre-wired electrical components
- > Installation anchor kit
- > Lockable fill-port
- > High level indicator with overfill protection valve
- > Automatic low lever shut down protection

OPTIONS

- > Level display
- > Heat package
- > Dispensing Cabinet with filter
- > Remote inventory management
- > Advertising rails
- > 3/4 HP or 1 HP submersible pump

»INDOOR STORAGE TANK



SYSTEM CONTAINS

- > 2" stainless steel threaded bulk head fitting in the sidewall
- > 1" stainless steel threaded bulk head fitting in the sidewall
- > 1" x 3/4" stainless steel, barbed nipple and ball valve
- > 2" polypropylene threaded top mount fittings (2)
- > Non-vented manway
- > 1" x 12" siphon tube
- > 2" stainless steel inlet for fill port with cap
- > Stainless steel ball valves and nipples (2)
- > Venting package
- > Duplex vent package - Rated for 225 gpm
- > Duplex vent filtration cover
- > DEF pipe sealant

OPTIONS/ADD-ONS

- > Horizontal tank
- > Insulated & heat packages
- > 120V Wall Mount Pump System*
- > 25' Hose Reel
- > Dispensing Cabinet



* Must be within 10ft of tank when using external pump

»DISPENSING CABINET



DEFFD

SYSTEM CONTAINS

- > Insulated with heating system
- > K-23 inline DEF flow meter
- > 25' DEF hose reel with spring recoil
- > 20" micron filter
- > Filter housing & cartridge assembly
- > Nozzle dock
- > Ball stop with four-way roller assembly
- > Stainless steel automatic shut-off nozzle with swivel
- > Hose clamps
- > Anchor tabs included

OPTIONS/ADD ONS

- > Self-priming suction pump
- > Heat package
- > Automatic shut off submersible pump controller
- > Pulse output meter
- > Card-lock user integration

»OUTDOOR STORAGE TANK



SYSTEM CONTAINS

- > 2" stainless steel threaded bulk head fitting - sidewall
- > 1" stainless steel threaded bulk head fitting - sidewall
- > 2" polypropylene threaded top mount fittings (2)
- > Non-vented manway
- > 1" x 12" siphon tube
- > 2" stainless steel inlet for fill port with cap
- > Insulation heat package
- > Heat trace package
- > Submersible DEF pump
- > DEF fitting package

TANK SIZE* (Gallons)	WxH (Tip-up Height Inches)	WEIGHT (Pounds)
1100	66"x92"	650 lbs
2000	92"x90"	800 lbs
3000	90"x127"	950 lbs
6500	120"x153"	3550 lbs
8400	120"x186"	4350 lbs

ADD-ON OPTION

- > Dispensing Cabinet

