



CONTROL MASTER®

PUMP MASTER®

REEL MASTER®

VAC MASTER®

PRO MASTER®

LUBRICATION EQUIPMENT FOR HEAVY DUTY APPLICATIONS



Headquarters Offices and Technical Centre in Gijón (Spain).

SAMOA QUALITY AND LEADERSHIP

FLUID HANDLING TECHNOLOGY

SAMOA, a privately owned company, is a leading European manufacturer of Lubrication and Fluid Handling Equipment. SAMOA products are used for transfer, dispensing, dosing and recovery. SAMOA designs and manufactures a wide program that includes air operated piston and diaphragm pumps, volume flow meters, delivery guns, electronic components for inventory control systems, hose reels, hand pumps and accessories.

PRODUCT DEVELOPMENT

Product research and development is a fundamental part of SAMOA's philosophy. We are in permanent contact with the market to identify new customer needs, that we satisfy with product improvements and new products.

MANUFACTURING

SAMOA's headquarters have been in Gijón, on the Spanish North Coast, for over 60 years. SAMOA's manufacturing facilities are modern and are equipped with the latest state-of-the-art production equipment and technology. We are committed to design and manufacturing excellence, environmental sustainability and a healthy and safe workplace; our work processes and facilities are consequently ISO 9001, ISO 14001 and ISO 45001 certified.

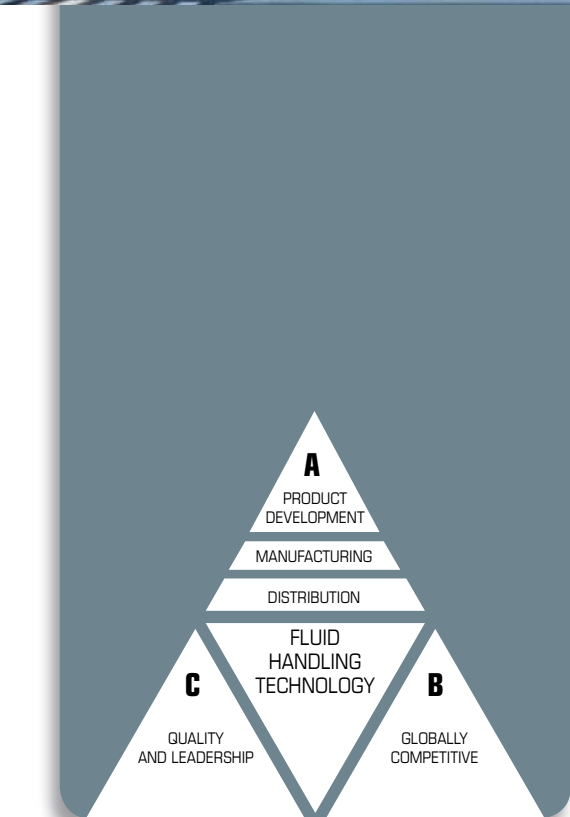
DISTRIBUTION

Our products are available through a network of knowledgeable distributors and owned Distribution Companies. This global network provides a sales and consulting service to identify the products that best meet each customer's needs and, when required, offers after-sales service to ensure the long and satisfactory use of our equipment.

GLOBALLY COMPETITIVE

Our continuous product improvement process ensures that our products meet customer requirements worldwide, even in the most demanding applications and environments. As a result, we are proud to say that SAMOA products are reliably working away, night and day, in more than 100 countries.

Research & Development and Manufacturing facilities in Gijón (Spain)





R&D

RESEARCH AND DEVELOPMENT

SAMOA's R&D Department is at the cutting edge of Lubrication Equipment and Fluid Handling product development programs with innovative technology concepts.

PRODUCT DESIGN & ENGINEERING

Product designs are created and rough product engineering is ensured by using 3D CAD. CAD-CAM manufacturing equipment dedicated to prototyping and a well equipped test laboratory, allow fast product evolution and the release of optimized and fully proven products to market.

MANUFACTURING

STATE OF THE ART MANUFACTURING

High volume CNC manufacturing equipment is fed by robots. The robotized material handling processes incorporate parts cleaning and 100% automated parts inspection.

Sheet metal processing is also highly automated and it includes welding robots, laser cutting and CNC bending machines among others.



COMPONENTS FINISHING

Once components are manufactured and have passed inspection procedures, they are

finished before they are assembled into final products. Products are polyester powder coated, zinc or nickel plated depending on their functional and finishing requirements.



UNWAVERING COMMITMENT TO QUALITY

Components are inspected during their manufacturing process following SPC standard and many sub-assemblies are 100% functional tested. Many products, including all air operated pumps and meters, are run wet and taken through a carefully defined test procedure to ensure zero defects on shipment.

CUSTOMER SERVICE

RAPID AND RELIABLE ORDER FULFILMENT

SAMOA's experienced customer service staff and worldwide distributors can recommend the Lubrication Equipment System that best meets each application need.

A generous inventory of finished products and parts allows short delivery times. High rotation products are stored in an automated warehouse integrated with the ERP system.

Prompt after-sales service and immediate spare parts availability ensure a long and trouble-free product life.



AIR OPERATED OIL PUMPS AND KITS

PUMP MASTER®

- > A WIDE RANGE OF OIL PUMPS TO ENSURE THE APPROPRIATE ONE FOR YOUR APPLICATION
- > CHOOSE THE RIGHT PUMP TO PROVIDE A DURABLE AND RELIABLE SERVICE



Heavy-Duty Pumps



Heavy-Duty Pumps



Heavy-Duty Pumps

PUMP MASTER 35 - 5:1 PUMP MASTER 35 - 8:1	PUMP MASTER 45 - 3:1 PUMP MASTER 45 - 6:1 PUMP MASTER 45 - 10:1	PUMP MASTER 60 - 6:1 PUMP MASTER 60 - 12:1
Pump Master 35 - 5:1 Performance pump up to 150 m with 2 - 4 outlets Pump Master 35 - 8:1 Pressure pump up to 200 m with 2 - 4 outlets	Pump Master 45 - 3:1 Volume Transfer pump up to 75 m with 3 - 4 outlets Pump Master 45 - 6:1 High Flow pump up to 160 m with 3 - 4 outlets Pump Master 45 - 10:1 Pressure Flow pump up to 240 m with 3 - 4 outlets	Pump Master 60 - 6:1 High Delivery pump up to 160 m with 3 - 4 outlets Pump Master 60 - 12:1 High Performance pump up to 250 m with 3 - 4 outlets



Lube container applications



Tank mounted pumps



Service truck applications



AIR OPERATED OIL PUMPS

- Easy maintenance
- Quiet
- Reduced air consumption
- State-of-the-art materials
- Non icing
- Designed for long and reliable life

FLUIDS HANDLED

- Synthetic and mineral based lubricants
- Transmission fluids
- Hydraulic oils
- Gear oils

In plant manufacturing applications

AIR OPERATED GREASE PUMPS AND KITS

PUMP MASTER®

- > A WIDE RANGE OF GREASE PUMP TO ENSURE THE APPROPRIATE ONE FOR YOUR APPLICATION
- > CHOOSE THE RIGHT PUMP TO PROVIDE A DURABLE AND RELIABLE SERVICE



Heavy-Duty Pumps



Heavy-Duty Pumps



Heavy-Duty Pumps

PUMP MASTER 35 - 60:1	PUMP MASTER 45 - 10:1 PUMP MASTER 45 - 25:1 PUMP MASTER 45 - 40:1 PUMP MASTER 45 - 70:1	PUMP MASTER 60 - 3:1 PUMP MASTER 60 - 12:1 PUMP MASTER 60 - 80:1 PUMP MASTER 80 - 35:1 PUMP MASTER 80 - 50:1
Heavy-Duty High Pressure pump up to 75 m with 1 - 2 outlets	<p>Pump Master 45 - 10:1 Heavy-Duty Low Pressure Transfer pump. Up to 20 m with 1 outlet (no reel)</p> <p>Pump Master 45 - 25:1 Heavy-Duty Pressure Transfer pump. Up to 75 m with 1 outlet (no reels).</p> <p>Pump Master 45 - 40:1 Heavy-Duty High Flow pump up to 125 m with 4 or more outlets.</p> <p>Pump Master 45 - 70:1 Heavy-Duty High Pressure pump up to 175 m with 4 or more outlets.</p>	<p>Pump Master 60 - 3:1 Extreme Grease Transfer pump up to 20 m with 1 outlet.</p> <p>Pump Master 60 - 12:1 Heavy-Duty Volume Transfer pump up to 50 m with 1 outlet.</p> <p>Pump Master 60 - 80:1 Heavy-Duty High Performance pump up to 250 m with 4 or more outlets.</p> <p>Pump Master 80 - 35:1 Extreme-Duty Performance pump up to 50 m with 1 outlet.</p> <p>Pump Master 80 - 50:1 Divorced pump mounted on an air operated power ram. Ideal for tail grease applications.</p>
NLGI-2	NLGI-1 / NLGI-2	NLGI-2



Mobile greasing



Heavy-Duty greasing in extreme conditions.



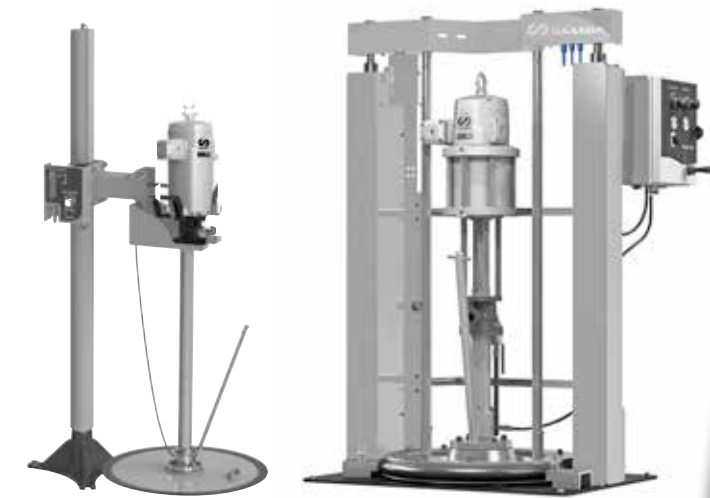
Tank horizontal mounted pump kit for massive grease transfer.



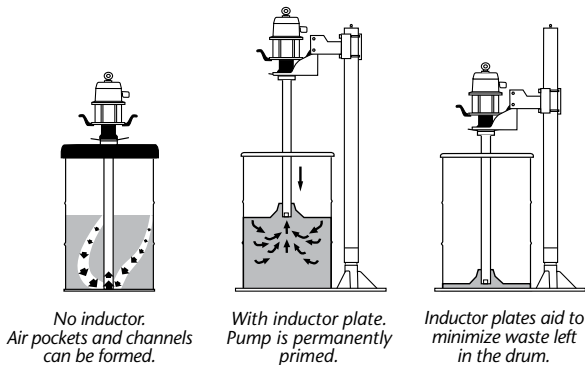
YouTube

AIR OPERATED GREASE PUMPS

- Easy maintenance
- Quiet, non icing
- Reduced air consumption
- State of the art material
- Designed for long and reliable life
- Pump systems with pneumatic inductor available



SAMOA offers a complete range of accessories.



For additional information, please see our General Catalogue.



FLUIDS HANDLED

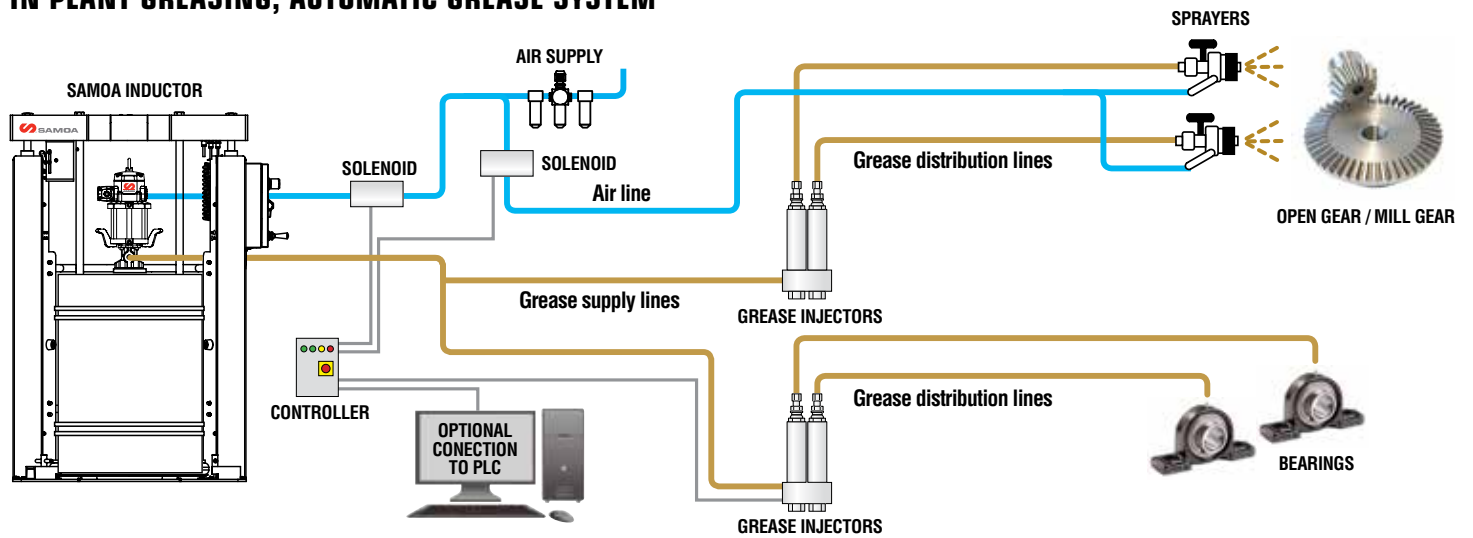
- High viscosity oil
- Grease up to NLGI-3
- Tail grease

SPECIAL GREASE PISTON PUMP APPLICATIONS

PUMP MASTER®

> GREASE DISPENSING, TRANSFERRING & SPRAYING

IN PLANT GREASING, AUTOMATIC GREASE SYSTEM



Automatic greasing with controller



Automatic greasing with controller



Automatic greasing with controller



Cable factory



Vehicle factory



Lubricating bearings in manufacturing processes

SPECIAL GREASE PISTON PUMP APPLICATIONS

PUMP MASTER®

> GREASE DISPENSING, TRANSFERRING & SPRAYING

TUNNEL BORING MACHINE



SERVICING IN REMOTE MINING AREA



MASSIVE GREASE TRANSFER



AUTOMATIC LUBRICATION SYSTEM FOR HEAVY DUTY MACHINERY



AIR OPERATED DOUBLE DIAPHRAGM PUMPS

> A WIDE RANGE OF DIAPHRAGM PUMPS FOR:

DISPENSING
TRANSFERRING
EVACUATING



DIFFERENT TYPES OF NEW AND USED FLUIDS

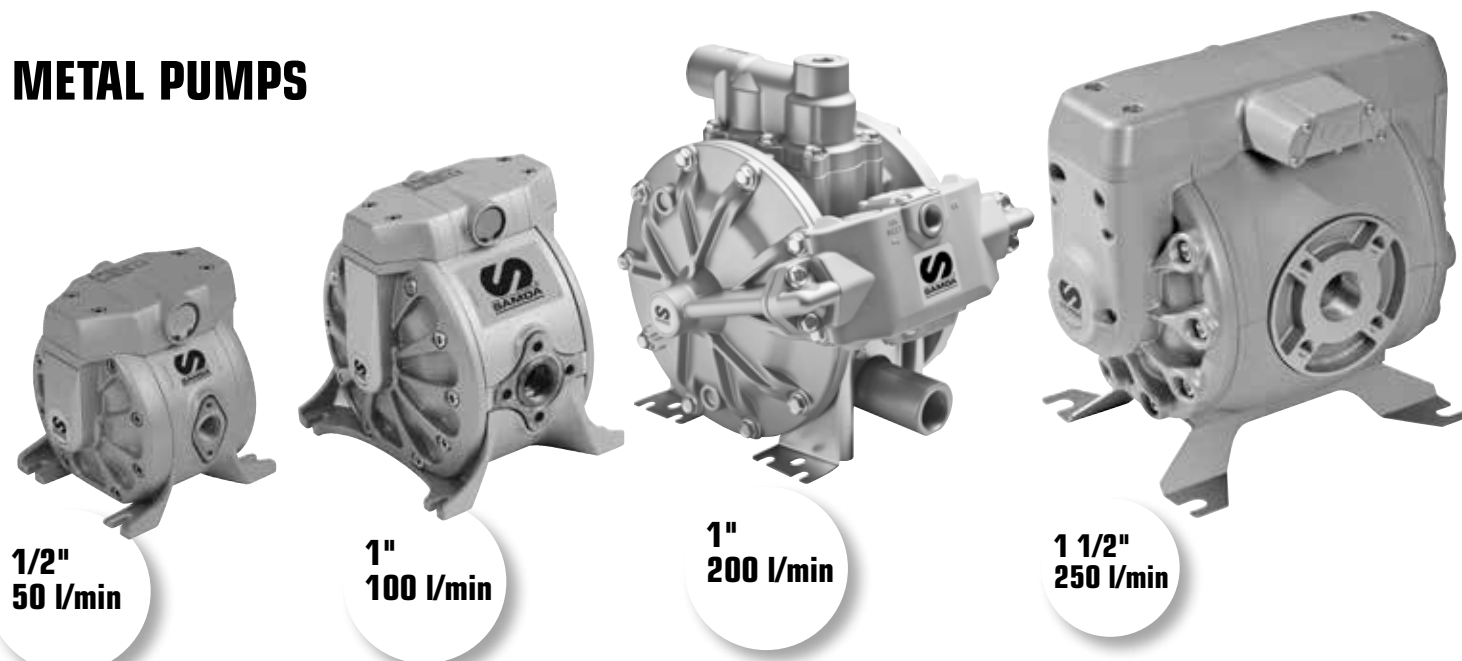
- Oils
- Antifreeze, coolant
- Windshield washers
- Hydraulic fluids
- Brake fluids
- Diesel
- Hydraulic fluid / Skydrol (airplane)
- AdBlue® / DEF
- Water
- Waste oil
- Waste antifreeze

PLASTIC PUMPS



Four way valves simplify plumbing and allow the use of one pump to pull and push waste fluids on/off their storage tank with the swing of a handle.

METAL PUMPS



AIR OPERATED DOUBLE DIAPHRAGM PUMPS

PIVOT
UNIVERSAL PUMP

UP20 & UP30 PIVOT UNIVERSAL PUMPS

The new SAMOA Pivot Universal Pump (UP) combines a universal design with a unique frictionless Pivot Air Valve to provide maximum performance and energy efficiency, exceeding market expectations.



ADVANTAGES OF AODD PUMPS



- DRY-RUNNING CAPABILITY.
- DRY SELF-PRIMING.
- CAN PUMP CLEAN FLUIDS OR FLUIDS WITH SUSPENDED SOLIDS.
- BEST PUMP FOR ABRASIVE, CORROSIVE AND SHEAR SENSITIVE FLUIDS.
- AIR DRIVEN PUMP, NO ELECTRICITY REQUIRED, NO ELECTRICAL HAZARD.
- CAN BE SUBMERGED COMPLETELY WITH NO PERFORMANCE OR SAFETY ISSUES.
- ON-DEMAND OPERATION. PUMP STOPS WHEN FLUID OUTLET CLOSSES AND AUTOMATICALLY STARTS WHEN THE FLUID OUTLET OPENS.
- ADJUSTABLE FLOW AND DISCHARGE PRESSURE WITH ONLY AN AIR PRESSURE REGULATOR.
- NO DYNAMIC MECHANICAL SEALS OR PACKINGS.



PIVOT UNIVERSAL PUMPS

- Higher efficiency
- Increased reliability
- Minimal vibration and pulsation
- Bolted construction
- Easier servicing
- Universal installation pump
- Superb abrasion resistance

MAIN APPLICATIONS

- Ceramic & porcelain
- Paint & varnish industry
- Oil & gas / petrochemical
- Waste water / water treatment
- Marine & shipbuilding
- Filter press
- Mining & construction
- Chemical / processing
- Pulp and paper / cardboard

FLUIDS HANDLED

- Lubricants
- Antifreeze solutions
- Waste Fluids
- Water
- Diesel

HEAVY-DUTY HOSE REELS

REEL MASTER®

- > PREMIUM QUALITY FLUID HOSE REELS
- > ENHANCED PRODUCTIVITY AND SAFETY • INCREASED HOSE LIFE • SIMPLE HOSE HANDLING AND STORAGE • WORK ENVIRONMENT IMPROVEMENT

RM-12L

Low, medium and high pressure fluids. Up to 15 m x 1/2" hose.



RM-100

Low, medium pressure fluids. Up to: 15 m x 1" hose, 20 m x 3/4" hose, 25 m x 3/4" hose or 30 m x 1/2" hose.



RM-34

Low, medium and high pressure fluids. Up to 15 m x 3/4" hose or 20 m x 1/2" hose.



RM-150

Low pressure fluids, extra large delivery up to 15 m x 1 1/2" hose.





Heavy-duty vehicles maintenance in steel industry



Railways applications



Lube skids



Marine applications



Service truck applications



Agriculture applications

HEAVY-DUTY HOSE REELS

- Superior power spring life and trouble free operation
- Heavy-Duty ratchet with user friendly operation metal structure
- Base and spool polyester powder coated for increased wear resistance
- Lubricated ball bearings on spool

FLUIDS HANDLED

- Air
- Water
- Antifreeze
- Windshield washer
- Synthetic and mineral oil
- AdBlue®
- Waste oil
- Diesel
- Grease
- Hydraulic fluid

CONTROL VALVES AND METERS

CONTROL MASTER®

> METERS AND CONTROL VALVES ENGINEERED
FOR DURABILITY UNDER THE TOUGHEST CONDITIONS



EC70 HIGH-FLOW ELECTRONIC METER CONTROL VALVE

For all types of lubricants in high flow applications.

70 l/min nominal flow rate.

Available with or without meter (PA70).



EC30 ELECTRONIC METER CONTROL VALVE

For all types of lubricants and antifreeze.

30 l/min nominal flow rate.

In & outlet protectors.

Available with or without meter (PA40).



FV50 ELECTRONIC METER CONTROL VALVE

For antifreeze, DEF/AdBlue®, windshield washer, glycol, brake fluid and distilled water.

30 l/min nominal flow rate.

Available with or without meter.



YouTube



PCP30 ELECTRONIC PRE-SET METER

For all types of lubricants and antifreeze.

30 l/min nominal flow rate.

Inlet protector.



YouTube



Several colour protectors available for fluid differentiation. For mounting at the EC30, PA40 and MC30 OG gun outlets.

CONTROL VALVES AND METERS

CONTROL MASTER®

> METERS AND CONTROL VALVES ENGINEERED
FOR DURABILITY UNDER THE TOUGHEST CONDITIONS



MC30 OG OVAL GEAR WITH MECHANICAL DISPLAY CONTROL VALVE

For all types of lubricants and antifreeze. Ideal for outdoor applications.

30 l/min nominal flow rate.
In & outlet protector.

MC30 MECHANICAL METERED CONTROL VALVE

For all types of lubricants and antifreeze. Ideal for outdoor applications.

30 l/min nominal flow rate.
Inlet protector.

MP30 MECHANICAL METERED PRE-SET CONTROL VALVE

For all types of lubricants. Ideal for outdoor applications.

30 l/min nominal flow rate.
Inlet protector.

PG500 GREASE ELECTRONIC METER CONTROL VALVE

For grease.

Available with or without meter.



CONTROL VALVES AND METERS

- Extensively and rigorously field tested for reliable performance
- Designed for tough environments.
- High accuracy
- Ergonomic design
- Inlet filter with large screen surface
- Large selection of outlets available
- Easy to replace AAA alkaline batteries

FLUIDS HANDLED

- Oil
- Antifreeze solutions
- DEF /AdBlue®
- Windshield washer
- Glycol
- Brake fluid
- Grease
- Distilled water

WASTE FLUIDS COLLECTION

VAC MASTER®

> RESPONSIBLE AND EFFICIENT WASTE FLUID MANAGEMENT

LOW LEVEL MOBILE DRAINER EQUIPPED WITH A DF50 DIAPHRAGM PUMP

95 litres. Low level mobile drainer.

For use with vans, trucks, tractors, mining and construction vehicles.

It is possible to reuse the fluid thanks to the diaphragm pump and delivery gun.



WASTE OIL DRAIN AND EVACUATION PUMP KITS

DF100 double diaphragm pump kit (100 l/min) for discharging waste oil drainers through a hydraulic coupler.

DP200 double diaphragm pump kit (200 l/min) for discharging waste oil.

DF250 double diaphragm pump kit (250 l/min) for discharging waste oil.



Waste oil recovery applications

MANUAL LUBRICATION SOLUTIONS

PRO MASTER®

> SAMOA OFFERS A WIDE RANGE OF HAND OPERATED PRODUCTS

20 V BATTERY GREASE GUN

500 cc

G
GREASE



- Dual mode flow rate: 100 - 160 g/min (3.6 - 5.7 Oz/min)
- 2 Ah or 4 ah lithium ion battery
- Up to 40 grease cartridges per battery charge



ROTARY DRUM PUMPS

O
OIL

D
DIESEL



PNEUMATIC GREASE KIT

20 Kg

G
GREASE



BUCKET PUMPS

16 kg

G
GREASE



LEVER ACTION GREASE PUMPS

500 cc

G
GREASE



LEVER ACTION DRUM PUMPS

O
OIL





KEEPING FLUID TRACK

WHAT IS NEX·U· Pro® ?

NEX·U· Pro® is a wireless fluid management system that provides the control and the information you require to make your operations more profitable. You will be able to account for every drop of lubricant or other service fluid used. On top of this, you will keep efficient inventory control, which includes automatic alerts and fluid reordering when needed, to eliminate operation downtime. Due to the high cost of lubricants and other service fluids, the NEX·U· Pro® investment is quickly paid back, regardless of workshop size or fluid consumption.

WHY NEX·U· Pro®?

VERSATILITY

- The system can be installed fully Wireless, or hybrid mode (combining wireless and wired).
- Possibility to control mobile units.

SIMPLE

- Intuitive software.
- Plug & Play.
- Few components.
- Simple set-up.

INCREASED PRODUCTIVITY

- Keep control of service fluids.
- Control every transaction from the dispensing valve, without walking back and forth.

WIRELESS

- The system can work fully Wireless reducing installation costs.

DMS INTEGRATION

- Optional API is available for integrations with 3rd party DMS.

REDUCED DOWNTIME

- All components are reachable by technician without lifting.
- Easy installation.

UPGRADE POSSIBILITY FROM NEX·U·® TO NEX·U· Pro®

BENEFITS OF USING A FLUID MANAGEMENT SYSTEM

MONITOR:

- Real time information about fluid transactions and inventory.
- Inventory management (refills schedule, warnings...)
- Automatic alerts.

CONTROL:

- Reliable dispensing.
- Safety.
- Accuracy.

TRACK:

- Account for every drop of lubricant or other fluid used.
- No doubts about unfinished jobs or work orders.
- Reconcile fluid purchases and inventory with fluid sales and use.
- Supervise technician activity.
- DMS integration.

- Increased reliability and full track of fluid transactions.
- Improved productivity.
- Accurate billing.
- Reduce downtime costs.
- No tank stock-outs or spill-overs.
- No tank refill delays.

Lost inventory equals lost profit. With today's high oil prices, Inventory Control eliminates this concern.

NEX-U· Pro® COMPONENTS



U-TRACK SOFTWARE

- Create work orders.
- Integrate with DMS.
- Track your transactions.
- Monitor Fluid Inventory.
- Warning Alerts.
- Produce data reports.



U-NET Pro

- Control and manage all functions and communications.



U-LINK DISPENSING VALVE

- Communicate with U-track software.
- Accurate dispensing.
- Easy to operate.
- Battery powered (four AA).
- Reduced power consumption.



NETWORK EXTENDER

- Extend the coverage of the Network deployed by U-net Pro.



U-TANK MODULE

- Monitor tank levels.
- Avoid tanks running empty.
- Avoid spillover.
- Level alerts.

THREE DIFFERENT DISPENSING MODES

Standard

- Identify technician.
- Input works order.
- Enter quantity to be dispensed.

Pre-Set

- Identify technician.
- Select work order, previously input in to U-track software.
- Confirm volume.

Integrated & Remote

- Start transaction using 3rd party software or U-track.
- Confirm volume.

ADDITIONAL NEX-U·® COMPONENTS FOR WIRED COMBINATION IN NEX-U· Pro®



U-DAT

- System keypad with a full colour.
- Touch screen.
- QWERTY keypad.
- Full access to U-track.



U-VALVE

- All-in-one flow control unit.
- Includes pulse meter, solenoid valve, filter and electronic board.
- For operation control and communication with other system components.
- Includes Bluetooth module.



U-VISION+

- Hand-held display with access keypad.
- Includes Bluetooth module.



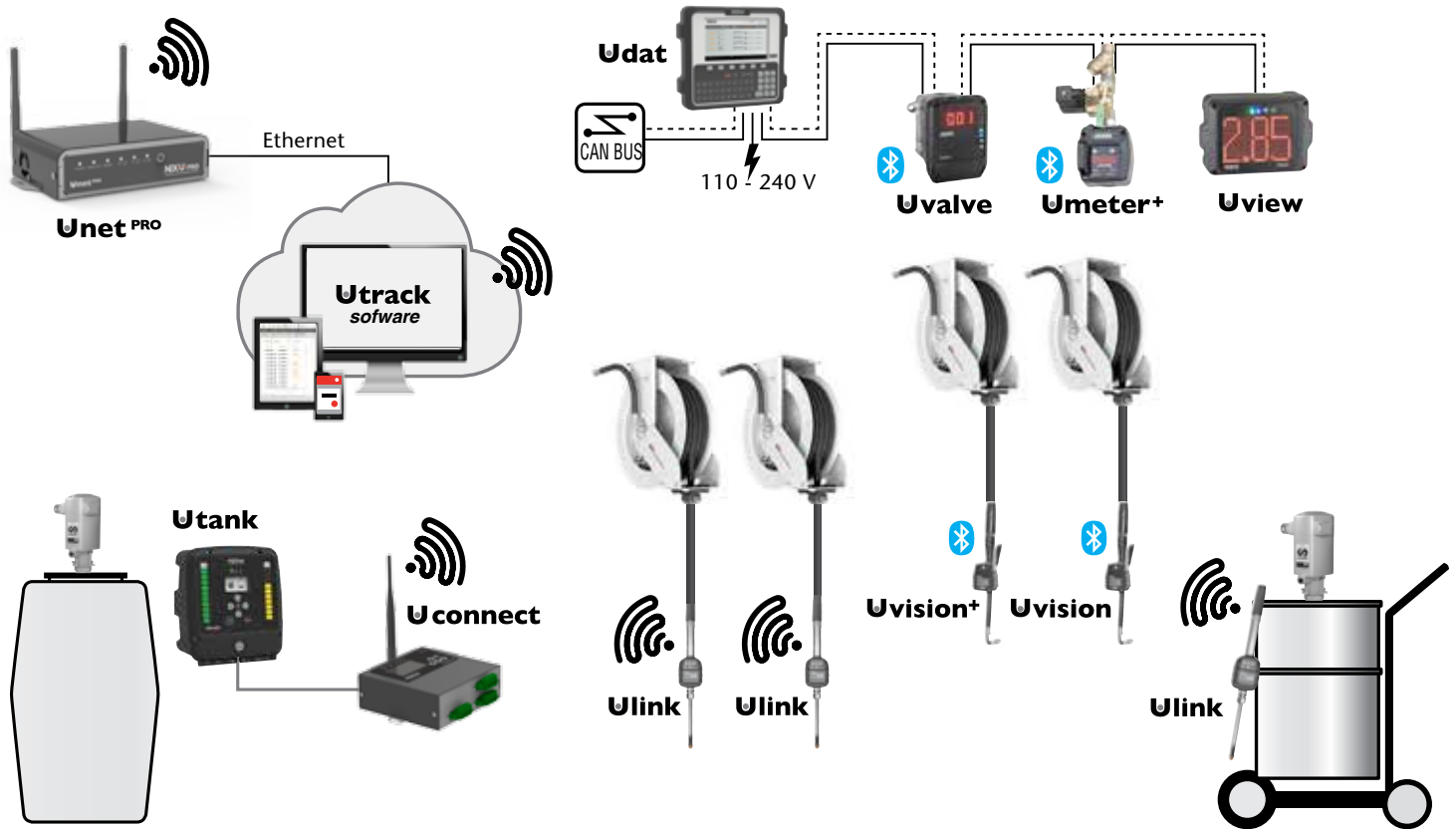
OTHER NEX-U·® COMPONENTS

- Flow control unit for windscreen washer and AdBlue®.
- Flow control unit for high flow operations.
- U-count, U-meter, U-view...

MAIN NEX·U· Pro® CONFIGURATION

NEX·U·PRO
WIRELESS FLUID MANAGEMENT SYSTEM

> WIRED AND WIRELESS INSTALLATION



U-TRACK: NEX·U· Pro® SOFTWARE

NEX·U·PRO
WIRELESS FLUID MANAGEMENT SYSTEM

➤ SOFTWARE FOR DISPENSING AND CONTROLLING FLUIDS IN WORKSHOPS



Utrack

U-track is a software for dispensing and controlling fluids in workshops.

U-track system is a web based application accessible through any device (laptop, PC, tablet or cell phone) connected to the same network as U-net Pro.

U-track dashboard screen.

In a glance, provides information on fluid inventory and fluid usage. Just click on any tank for more information.

Transactions can be followed and monitored on a real-time basis if required. U-track can also generate different reports that can be exported easily into CSV format.



NEX·U· Pro® INTERFACE

NEX·U·PRO
WIRELESS FLUID MANAGEMENT SYSTEM

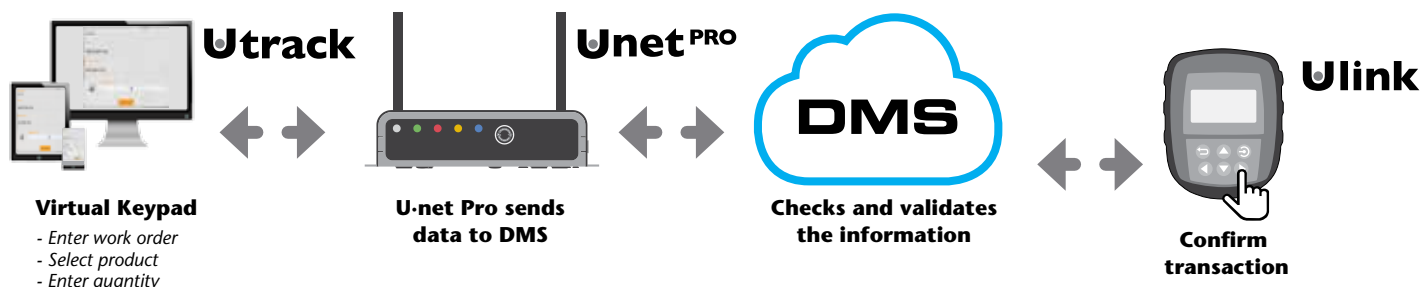
> COMMUNICATION MODULE BETWEEN U·TRACK AND CUSTOMER ERP (DMS)

DMS - DEALER MANAGEMENT SYSTEM

NEX·U· Pro® can interface with most popular DMS on the market. It offers an efficient bidirectional communication to integrate the transaction information with workshop DMS.

Integrated & Remote

- Easy to use: quick and effective.
- Enhanced security: work orders are checked and validated before fluid is dispensed.
- Automation: simplifies data entering as it can be automatically downloaded from the DMS.



Contact your SAMOA Distributor who will assist you with the license software you need.

SAMOA INTERFACE

- A bidirectional communication is established through web service. The user enters their PIN number and the work order.
- DMS will prompt a message whether this information exists or not.
- NEX·U· Pro offers multiple operating modes depending on the customer needs.

Bi-directional integration with
DMS used by most brands

NEX·U·



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