

# FLUID HANDLING:

## LT Series Lubricant Management System (LT-LMS)

This system combines filtration, storage, and breathers in one simple solution to keep your lubricants clean and dry.

# The Overview

## The LT-LMS:

### Where It's Used

- Storing lubricant
- Dispensing new oil
- Pre-filtering new oil
- Collecting oil samples for analysis

### What Is Standard?

- Dedicated pump and motor per tank
- Desiccant breathers
- Heavy-duty stand
- One-year warranty
- Industrial powder-coated paint
- 510-liter spill containment
- Manual gravity drain
- Pre and post filter sample ports
- Pump inlet strainer
- Automatic pump pressure relief

### What Can I Customize?

- Flow rates
- Tank volumes
- Filter micron rating
- Power Configurations

### Technical Data:

#### Pump type:

- Gear pump

#### Electric motor:

- 0,75 kW 110v 50 Hz 1400 rpms
- 0,75 kW 230v 50 Hz 1400 rpms
- 0,75 kW 3x230v 50 Hz 1400 rpms
- 0,75 kW 3x400v 50 Hz 1400 rpms

#### Permissible flow rate:

- 36 lpm maximum

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#### Operating pressure:

- 6 bar maximum

#### Viscosity range:

- 10-460 cSt (60 - 2270 SSU)

#### Permissible operating fluid:

- Mineral oil (others on request)

#### Permitted fluid temperature range:

- -10°C to 60°C

#### Permitted ambient temperature:

- -10°C to 40°C

#### Seals:

- NBR

#### Suction strainer:

- 250µm

#### Protection class:

- IP 54

#### Length of power cable:

- 5 meters

#### Length of hoses:

- 4 meters

#### Hose connections:

- Suction hose 1" ISO B
- Pressure hose 3/4" ISO B

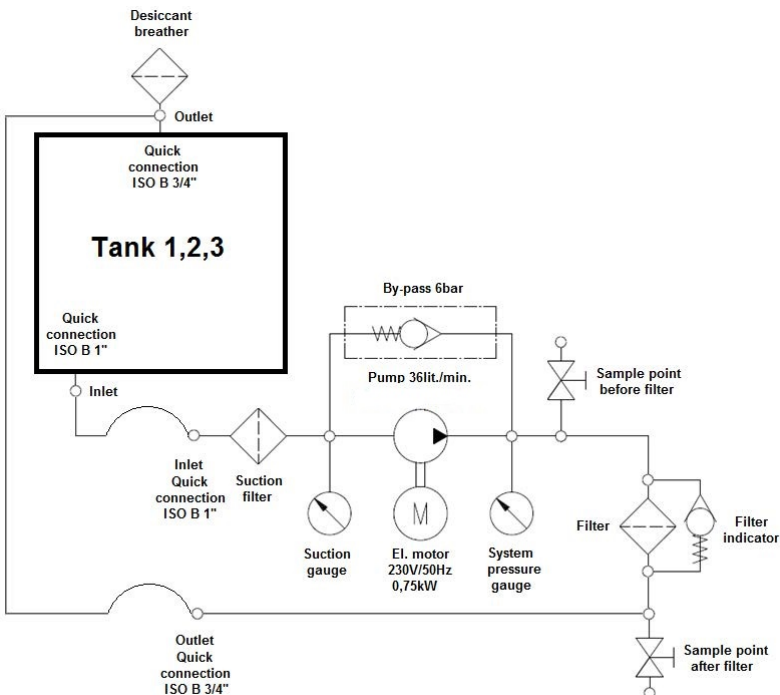
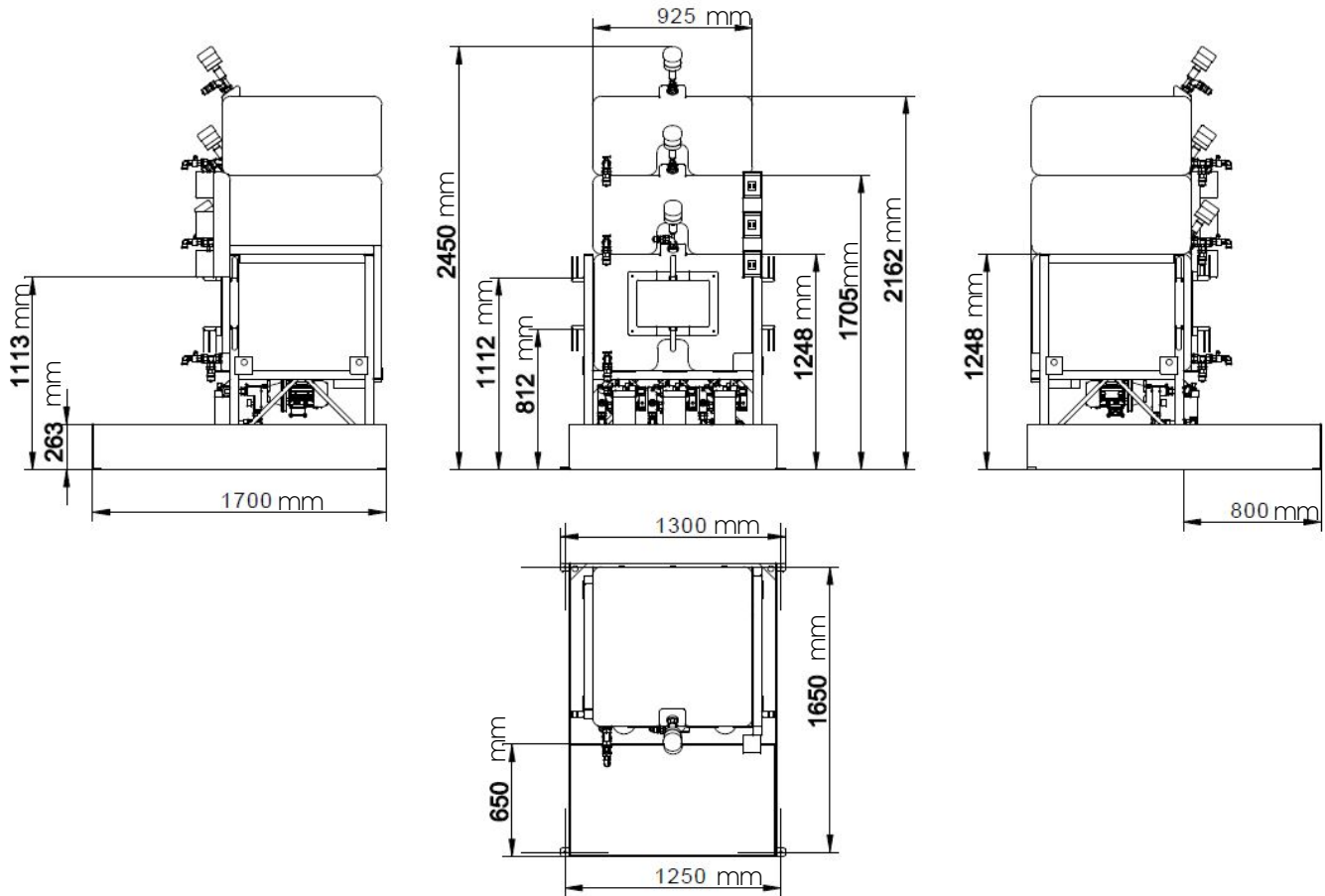
#### Weight when empty:

- ≈ 615 kg (Dependent on configuration)

#### Equipment:

- Suction Gauge - Visual
- Pressure Gauge - Visual
- Differential Clogging Indicator (1.55 bar)- Visual

# The Specs



## Stacking Options Matrix

Tank C			300 Liter			300 Liter	
Tank B		300 Liter	300 Liter		300 Liter	300 Liter	450 Liter
Tank A	300 Liter	300 Liter	300 Liter	450 Liter	450 Liter	450 Liter	450 Liter

## Tank Dimensions

### 300-liter tank:

- 914 mm L x 914 mm W x 457 mm H

### 450-liter tank:

- 914 mm L x 914 mm W x 686 mm H

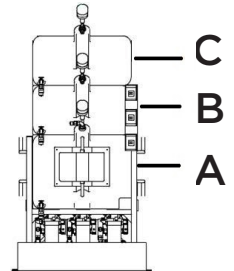


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# TO ORDER:

## LT-LMS

ELT	<b>C</b> Upper Unit									
ELT	<b>B</b> Middle Unit									
ELT	<b>A</b> Lower Unit									
		Box 1	Box 2	Box 3	Box 4	Box 5	Box 6	Box 7	Box 8	Box 9



### Tank Size [Box 2]

Code	Description
300	300-liter tank (HDPE)
450	450-liter tank (HDPE)

### Filter Box [Box 6]

Code	Description
	Large Filter
A	3-micron Particulate Filter
B	6-micron Particulate Filter
C	12-micron Particulate Filter
D	25-micron Particulate Filter
J	Water Filter

### Pump/Motor Combinations [Box 3]

18G	18 lpm/0,75 kW, 110 V, 50 Hz, 1400 rpms
36G	36 lpm/ 0,75 kW, 110 V, 50 Hz, 1400 rpms
18H	18 lpm/0,75 kW, 230 V, 50 Hz, 1400 rpms
36H	36 lpm/0,75 kW, 230 V, 50 Hz, 1400 rpms
18M	18 lpm/0,75 kW, 3x230 V, 50 Hz, 1400 rpms
36M	36 lpm/0,75 kW, 3x230 V, 50 Hz, 1400 rpms
18K	18 lpm/0,75 kW, 3x400 V, 50 Hz, 1400 rpms
36K	36 lpm/0,75 kW, 3x400 V, 50 Hz, 1400 rpms

### Sample Valves [Box 7]

Code	Description
1	Standard Minimes

### Manual Gravity Drain [Box 8]

Code	Description
D	Gravity Drain

### Drain & Fill Connector Type [Box 4]

Code	Description
R	ISO B Connector-BSPP ISO

### Drain & Fill Sizing [Box 5]

Code	Description
1	<b>Drain:</b> 1" hose & connection <b>Fill:</b> ¾" hose & connection

### Breather Filters [Box 9]

Code	Description
2*	3-micron particulate desiccant breather [DCE-2]
3	3-micron particulate desiccant breather [DCE-3]
4	3-micron particulate desiccant breather [DCE-4]

\*Standard

### Replace Your Elements

Part No.	Micron Rating
EFC-AF	Beta 200 @ 3um
EFC-BF	Beta 200 @ 6um
EFC-CF	Beta 200 @ 12um
EFC-DF	Beta 200 @ 25um
EFC-JF	Water Removal



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# FLUID HANDLING:

## The Entire Des-Case Line

We offer a full range of fluid handling and filtration products in Portable Filtration, Dedicated Filtration, Water Removal, Lubricant Storage & Filtration, Filter Elements, and Adapter Kits to suit your needs.