



LPG EQUIPMENTS & PLANT PRODUCTS

INNOVATIVE SOLUTION CENTER OF LPG WORLD



Product Catalogue
ENGLISH



#durulsan



lpgfilling



durulsan



durulsanmakina



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A blue-tinted photograph of an industrial LPG filling plant. The scene shows a conveyor system with several large, white, patterned gas cylinders being filled by automated machinery. The equipment includes vertical filling stations with gauges and hoses. The background is a plain, light-colored wall.

01 LPG FILLING PLANT PRODUCTS AND EQUIPMENTS

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ELECTRONIC FILLING SCALES

DURULSAN



Product Name

DM ELECTRONIC FILLING SCALE – PNEUMATIC FILLING HEAD

Product Code

DM-EFSHF-045/060

Description

DM electronic filling scale is used for 8~15Kg jumbo valve or self closing valve lpg cylinders' filling.

Certificates : 2014/34/EU ATEX , CE (2284)

Advantages of the filling scales :

- Long-lived and durable ex-proof loadcell (c3)
- Easy set-up and utilization
- Adjustable (different cylinder diameters)
- Tested secure system
- Requires at minimum level maintenance and service
- Low energy and air consumption
- Easy to use menu and readable blue led screen
- Synchronized with pc and data collection



Product Name

DM ELECTRONIC FILLING SCALE – PNEUMATIC FILLING GUN

Product Code

DM-EFSHM-045/060

Description

DM electronic filling scale is used for 8~15Kg f valve lpg cylinders' filling.

Certificates : 2014/34/EU ATEX , OIML , CE (2284)

Advantages of the filling scales :

- Long-lived and durable ex-proof loadcell (c3)
- Easy set-up and utilization
- Adjustable (different cylinder diameters)
- Tested secure system
- Requires at minimum level maintenance and service
- Low energy and air consumption
- Easy to use menu and readable blue led screen
- Synchronized with pc and data collection



ELECTRONIC FILLING SCALES**DURULSAN****Product Name**

DM ELECTRONIC FILLING SCALE – MULTI TYPE FILLING HEAD

Product Code

DM-EFSMT-045/120

Description

DM electronic filling scale is used for 2~50Kg all type valve lpg cylinders' filling. (All in one)

Certificates : 2014/34/EU ATEX , OIML , CE (2284)

Advantages of the filling scales :

- Long-lived and durable ex-proof loadcell (c3)
- Easy set-up and utilization
- Adjustable (different cylinder diameters)
- Tested secure system
- Requires at minimum level maintenance and service
- Low energy and air consumption
- Easy to use menu and readable blue led screen
- Synchronized with pc and data collection



ELECTRONIC FILLING SCALES

DURULSAN



Product Name

DM ELECTRONIC FILLING SCALE – DOUBLE FILLING HEAD

Product Code

DM-EFSHD-045/060

Description

DM electronic filling scale is used for 8~15Kg jumbo valve and f valve lpg cylinders' filling.

Certificates : 2014/34/EU ATEX , OIML , CE (2284)

Advantages of the filling scales :

- Long-lived and durable ex-proof loadcell (c3)
- Easy set-up and utilization
- Adjustable (different cylinder diameters)
- Tested secure system
- Requires at minimum level maintenance and service
- Low energy and air consumption
- Easy to use menu and readable blue led screen
- Synchronized with pc and data collection



Product Name

DM ELECTRONIC FILLING SCALE – PISTON FILLING HEAD

Product Code

DM-EFSCC-045/060

Description

DM 6kg cylinders with Piston Filling Head.

Certificates : 2014/34/EU ATEX , OIML , CE (2284)

Advantages of the filling scales :

- Long-lived and durable ex-proof loadcell (c3)
- Easy set-up and utilization
- Adjustable (different cylinder diameters)
- Tested secure system
- Requires at minimum level maintenance and service
- Low energy and air consumption
- Easy to use menu and readable blue led screen
- Synchronized with pc and data collection



MECHANIC FILLING SCALES

DURULSAN

Product Name

DM MECHANIC FILLING SCALE – MULTI TYPE

Product Code

DM-MFSMT-032

Description

DM mechanic filling scale is used for 2~15kg jumbo valve or self closing valve lpg cylinders' filling.

Certificates : 2014/34/EU ATEX , CE (2284) PATENT

Advantages of the filling scales :

- Long-lived and durable scales
- Easy set-up and utilization
- Adjustable (different cylinder diameters)
- Tested secure system
- Requires at minimum level maintenance and service
- Low cost
- No need to electrical



MECHANIC FILLING SCALES

DURULSAN



Product Name

DM MECHANIC FILLING SCALE – DOUBLE FILLING HEAD

Product Code

DM-MFSMR-032

Description

DM mechanic filling scale is used for 10~15Kg jumbo valve or self closing valve and f valve lpg cylinders' filling

Certificates : 2014/34/EU ATEX , CE (2284) PATENT

Advantages of the filling scales :

- Long-lived and durable scales
- Easy set-up and utilization
- Adjustable (different cylinder diameters)
- Tested secure system
- Requires at minimum level maintenance and service
- Low cost
- No need to electrical



Product Name

DM MECHANICAL FILLING SCALE / PISTON FILLING HEAD

Product Code

DM-MFSHC-032

Description

DM mechanic filling scale for 10~15 kg cylinders with self closing alves.

Certificates : 2014/34/EU ATEX , CE (2284) PATENT

Advantages of the filling scales :

- Long-lived and durable scales
- Easy set-up and utilization
- Adjustable (different cylinder diameters)
- Tested secure system
- Requires at minimum level maintenance and service
- Low cost
- No need to electrical



MECHANIC FILLING SCALES

DURULSAN



Product Name

DM MECHANICAL INDUSTRIAL TYPE PNEUMATIC FILLING HEAD

Product Code

DM-MFSIF-110

Description

DM mechanic filling scale is used for 2~45Kg jumbo valve or self closing valve lpg cylinders' filling.

Certificates : 2014/34/EU ATEX , CE (2284) PATENT

Advantages of the filling scales :

- Long-lived and durable scales
- Easy set-up and utilization
- Adjustable (different cylinder diameters)
- Tested secure system
- Requires at minimum level maintenance and service
- Low cost
- No need to electrical



Product Name

DM MECHANIC FILLING SCALE – DOUBLE FILLING HEAD / WITH TABLE

Product Code

DM-MFSMT-032

Description

DM mechanic filling scale is used for 2~15Kg jumbo valve or self closing valve and f valve lpg cylinders' filling.

Certificates : 2014/34/EU ATEX , CE (2284) PATENT

Advantages of the filling scales :

- Long-lived and durable scales
- Easy set-up and utilization
- Adjustable (different cylinder diameters)
- Tested secure system
- Requires at minimum level maintenance and service
- Low cost
- No need to electrical



MECHANIC FILLING SCALES

DURULSAN



Product Name

DM MECHANIC FILLING SCALE – PISTON FILLING HEAD/CAMPING TYPE

Product Code

DM-MFSCC-010

Description

DM mechanic filling scale is used for 8~15 kg jumbo valve or self closing valve lpg cylinders' filling.

Certificates : 2014/34/EU ATEX , CE (2284) PATENT

Advantages of the filling scales :

- Long-lived and durable scales
- Easy set-up and utilization
- Adjustable (different cylinder diameters)
- Tested secure system
- Requires at minimum level maintenance and service
- Low cost
- No need to electrical



Product Name

DM MECHANIC FILLING SCALE – PNEUMATIC FILLING GUN (INDUSTRIAL TYPE)

Product Code

DM-MFSIM-110

Description

DM mechanic filling scale is used for 15~50kg f valve lpg cylinders' filling.

Certificates : 2014/34/EU ATEX , CE (2284) PATENT

Advantages of the filling scales :

- Long-lived and durable scales
- Easy set-up and utilization
- Adjustable (different cylinder diameters)
- Tested secure system
- Requires at minimum level maintenance and service
- Low cost
- No need to electrical



MECHANIC FILLING SCALES

DURULSAN

Product Name

DM MECHANIC FILLING SCALE – PNEUMATIC FILLING HEAD

Product Code

DM-MFSHF-032

Description

DM mechanic filling scale is used for 2~15kg jumbo valve or self closing valve lpg cylinders' filling.

Certificates : 2014/34/EU ATEX , CE (2284) PATENT

Advantages of the filling scales :

- Long-lived and durable scales
- Easy set-up and utilization
- Adjustable (different cylinder diameters)
- Tested secure system
- Requires at minimum level maintenance and service
- Low cost
- No need to electrical



Product Name

DM MECHANIC FILLING SCALE – PNEUMATIC FILLING GUN

Product Code

DM-MFSHM-032

Description

DM mechanic filling scale is used for 8~15kg f valve lpg cylinders' filling.

Certificates : 2014/34/EU ATEX , CE (2284) PATENT

Advantages of the filling scales :

- Long-lived and durable scales
- Easy set-up and utilization
- Adjustable (different cylinder diameters)
- Tested secure system
- Requires at minimum level maintenance and service
- Low cost
- No need to electrical



MECHANIC FILLING CAROUSEL

DURULSAN

36 sec.



Description

DM mechanic filling carousel is used for big capacity lpg cylinders' filling.

Advantages of the filling carousel :

- Long lived and durable chasis
- Easy set-up and utilization
- Tested secure system
- Requires at minimum level maintenance and service
- Ergonomics at central tare encoding
- According the filling capacity it is produced with desired diameters.

Product Name

DM MECHANIC FILLING CAROUSEL

18 sec.



ELECTRONIC FILLING CAROUSEL

DURULSAN

Description

DM electronic filling carousel is used for big capacity lpg cylinders' filling.

Certificates : 2014/34/EU ATEX , CE (2284)

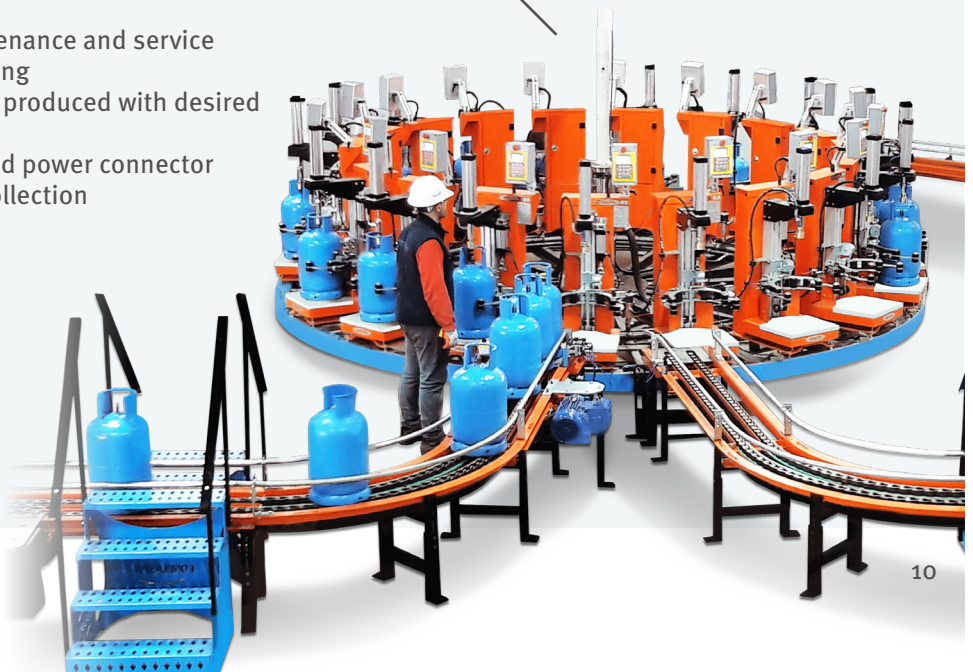
Advantages of the filling carousel :

- Long-lived and durable chasis
- Easy set-up and utilization
- Tested secure system
- Requires at minimum level maintenance and service
- Ergonomics at central tare encoding
- According the filling capacity it is produced with desired diameters.
- High safety electronic network and power connector
- Synchronized with pc and data collection

Product Name

DM ELECTRONIC FILLING CAROUSEL

18 sec.



CONVEYOR LINES

DURULSAN

Product Name

DM DRIVING UNIT – FOR CONVEYOR LINE WITH CHAIN

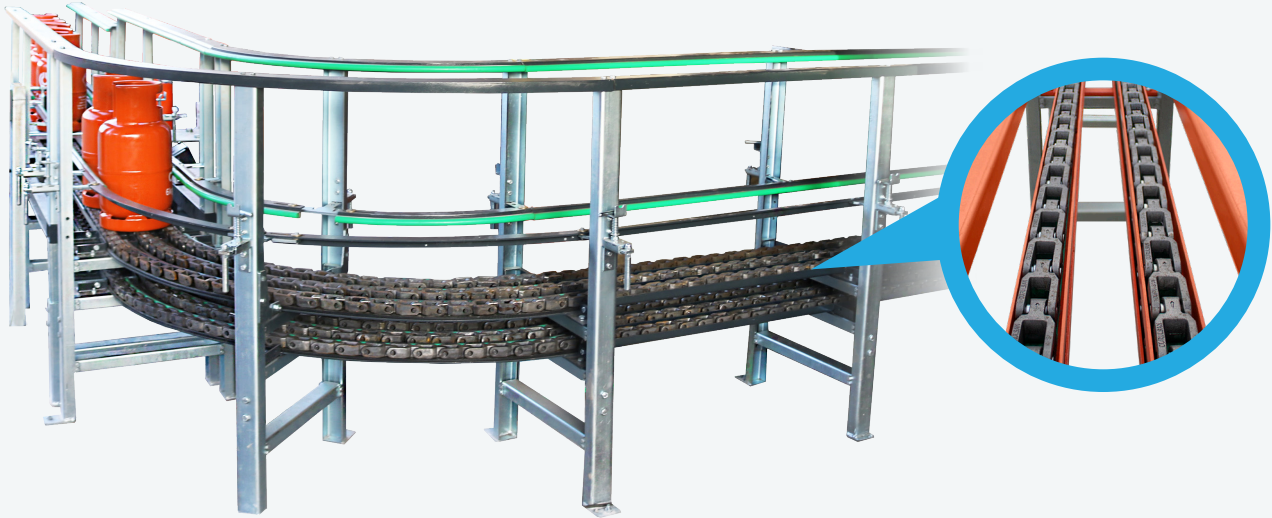
Description

DM driving unit runs conveyor belt; driving power is provided by electrical engine and reductor group.

Certificates : 2014/34/EU ATEX , CE (2284)

- There is no need to use soapsuds or lubricating system thanks to it's polyamide base plates which are used at chain house.
- Modular system. It can be produced in all desired lengths.
- It can be produced in various diamensions.
- It provides to adjust velocity. (Under the condition that using just one inverter)
- It's engine is ex-proof electrical engine.
- Foot height is adjustable.



**Product Name**

DM ROLLER CONVEYOR

Description

DM conveyor line: it provides movement of lpg cylinders from one point to another safely and snappily. Manual transportation procedures are done on it's belt. Thanks to this, it takes work load from operators

Advantages of the conveyor line :

- Long lived and durable chais
- Easy set - up and utilization
- Tested secure system
- Requires at minimum level maintenance and service
- Adjustable height
- Electrostatic painting
- Strenght pipe roller with bearings



TELESCOPIC CONVEYOR

DURULSAN

Product Name

DM TELESCOPIC CONVEYOR –WITH CHAIN

Description

DM telescopic conveyor: it provides direct transportation of lpg cylinders to conveyor belt, filling scales or all other machines

Certificates : 2014/34/EU ATEX , CE (2284)

Advantages of the telescopic conveyor :

- Increase in capacity of filling and discharging
- Reduction in potential transportation damages
- Disburden work load of customers & vehicle loading-unloading with less work power.



LEAK DETECTORS

Product Name

DM LEAK DETECTOR- MANUAL TYPE

Product Code

DM-MLDF-017(FOR F VALVE OR POLL VALVE) AND
DM-MLDS-020 (FOR JUMBO OR SELF CLOSING
VALF)

Description

It is used manually (hand-held) or with balancer. Leakage control is done with water in transparent tubes. If there is a leakage, there will be seen water blisters.

Advantages of the leak detector :

- Easy to use, portable and pratic
- Take a small place
- Can be produced for all cylinder valves
- Can be used manually or used as a unit with a connection of balancer system. There is no air-electricity consumption.





Product Name

DM LEAK DETECTOR –AUTOMATIC

Product Code

DM-LDA-3000

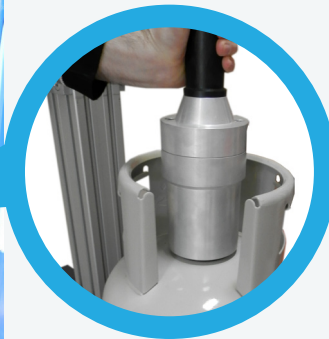
Description

If it finds a leakage, it will separate the cylinder from conveyor belt automatically.

Certificates : 2014/34/EU ATEX , CE (2284)

Advantages of the the leak detector :

- It provides transportation of 100% tested and fully filled cylinders to last user.
- Savings from operator work force thanks to being automatic
- Easy installation, easy-to-use and easy setting&maintenance
- Low power consumption
- Minimum maintenance
- 3.5" Led screen
- Works full automatic, and determine faulty cylinders and separate them out of system
- Easy connection with computers to data collection
- Can be produced for all valve types
- Can be produced one or double-headed for different capacities
- Height of the machine can be adjusted for different cylinders



Description

It should be used on conveyor belt or fixedly. A dedector head is fixed to it's place by hand. When it finds a leakage, it gives the alarm.

It provides transportation of 100% tested and fully filled cylinders to last user.

Advantages of the the leak detector :

- It provides transportation of 100% tested

Product Name

DM LEAK DETECTOR –AUTOMATIC

Product Code

DM-LDA-3000

and fully filled cylinders to last user.

- Easy installation, easy-to-use and easy setting&maintenance
- Low power consumption
- Minimum maintenance
- 3.5" Led screen
- Easy connection with computers to data collection
- Can be produced for all valve types
- Can be produced one or double-headed for different capacities
- Height of the machine can be adjustable for different cylinders

CHECK SCALE

DURULSAN

Product Name

DM CHECK SCALE–ELECTRONIC/MANUAL

Product Code

DM-MCS-300/M

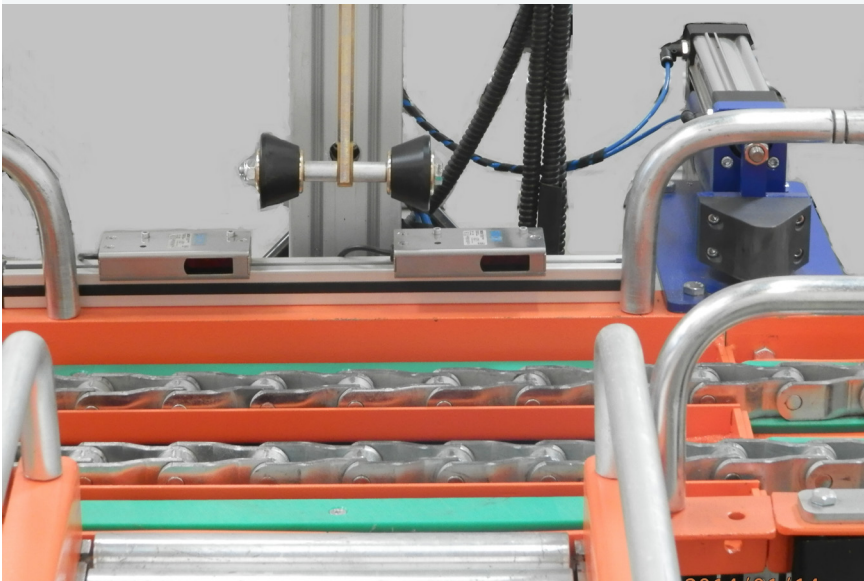
Description

CERTIFICATES : 2014/34/EU ATEX , CE (2284)

Advantages of the check scale :

MANUAL:

- It checks wheights of the cylinders
- No air consumption
- All types of cylinders can be checked with just one machine.



Product Name

DM CHECK SCALE – AUTOMATIC

Product Code

DM-ACS-300

Description

It makes the last control after filling to check lpg cylinders weights whether they are fully filled or not. Faulty cylinders are seperated from the system.

CERTIFICATES : 2014/34/EU ATEX , CE (2284) ,oiml

Advantages of the the check scale :

- It works automatically and automatically seperates faulty cylinders from conveyor belt.
- It provides savings from work force and abolish human errors.
- Easy and safe working
- Easy calibration-zero adjustment, easy adjustment and maintenance
- Minimum maintenance and service conditions
- Can be connected with computer and electronic filling scales
- Has low installation cost
- Full automatic



Product Name

DM CHECK SCALE – SEMI AUTOMATIC

Product Code

DM-MCS-300/SA

Description

It makes the last control after filling to check lpg cylinders weights whether they are fully filled or not. Faulty cylinders are seperated from the system.

CERTIFICATES : 2014/34/EU ATEX , CE (2284) , oiml

Advantages of the check scale :

- It provides savings from work force and abolish human errors.
- Easy and safe working
- Easy calibration-zero adjustment, easy adjustment and maintenance
- Minimum maintenance and service conditions
- Can be connected with computer and electronic filling scales
- Has low installation cost
- Semi automatic

SHRINK MACHINE

Product Code

DM-SHMA-150

Product Name

DM SHRINK MACHINE–AUTOMATIC

Description

It is used for shrinkage of safety straps on cylinder valves. It is a hot-water vaporized system. It is used with steam generator and water tank together.

CERTIFICATES : 2014/34/EU ATEX , CE (2284)

Advantages of the the shring machine:

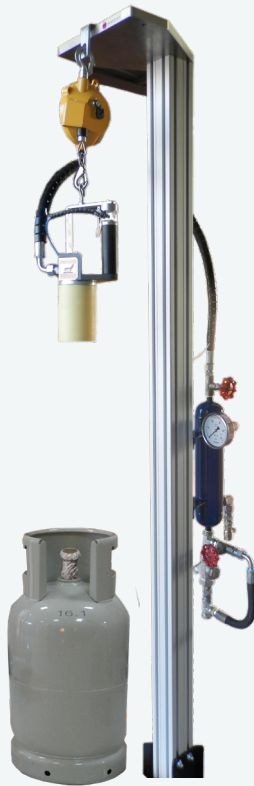
It is used for shrinkage of safety straps on cylinder valves. It is a hot-water vaporized system. It is used with steam generator and water tank together.

- Automatic shrinkage of safety straps on cylinder valves
- Shrinkage in the same level for all straps
- Can be used in conveyor systems. It is a semi automatic system.
- Steam generator protects steam heat also in long lines and high capacities.
- Steam generator has over-temperature control that is stopped automatically at high temperatures.
- Security alarm system automatically works in any unfavourable conditions.



SHRINK MACHINE

DURULSAN



Product Name

DM SHRINK MACHINE-MANUAL

Product Code

DM-SHMM-150

Description

It is used for shrinkage of safety straps on cylinder valves. It is a hot-water vaporized system. It is used with steam generator and water tank together.

CERTIFICATES : 2014/34/EU ATEX , CE (2284)

Advantages of the shring machine:

- Automatic shrinkage of safety straps on cylinder valves
- Shrinkage in the same level for all straps
- Can be used in conveyor systems. It is a semi automatic system.
- Steam generator protects steam heat also in long lines and high capacities.
- Steam generator has over-temperature control that is stopped automatically at high temperatures.
- Security alarm system automatically works in any unfavourable conditions.

Product Name

DM HOT AIR SEALING MACHINE –MANUAL

Product Code

DM-HAM-250

Description

It is used for shrinkage of security straps on cylinder valves. It is a hot air blowing system.

Certificates : 2014/34/EU ATEX , CE (2284)

Advantages of the the hot air sealing machine:

- Extra equipments like water tank and steam generator are not needed.
- All systems are integrated on one body.
- Thanks to it is ex-proof, it may be used safely.
- Security alarm system automatically works in any unfavourable conditions.



GAS TRANSFER PUMP

DURULSAN



Product Name

DM HYDRAULIC GAS TRANSFER PUMP

Product Code

DM-HGTP-006

Description

It provides transfer of gas between cylinders or between a cylinder and a pressure vessel.

Certificates : 2014/34/EU ATEX

Advantages of the DM Gas Transfer Pump:

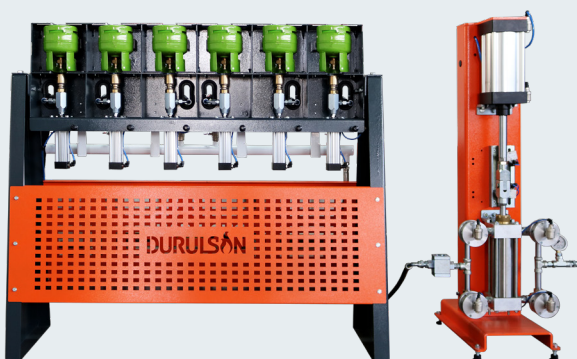
- Long-lived pipe made out of titanium
- Pneumatic control
- Easy installation
- Cylinder stand which can has one or more cylinder (changes with customer request)
- Mechanical flow indicator (shows gas flow)
- Easily insertable and removable filling heads for different valve types
- Single or mass evacuation opportunity
- Low air consumption
- Compact system with hydraulic power-pack unit

Product Name

DM PNEUMATIC GAS TRANSFER PUMP / ROTATING BODY

Product Code

DM-PGTP-002/R



Product Name

DM PNEUMATIC GAS TRANSFER PUMP

Product Code

DM-PGTP-004

Description

It provides transfer of gas between cylinders or between a cylinder and a pressure vessel.

Certificates : 2014/34/EU ATEX , CE (2284)

Advantages of the the hot air sealing machine:

- Long-lived pipe made out of titanium
- Pneumatic control
- Easy installation
- Cylinder stand which can has one or more cylinder (changes with customer request)
- Mechanical flow indicator (shows gas flow)
- Easily insertable and removable filling heads for different valve types
- Single or mass evacuation opportunity

Description

It provides transfer of gas between cylinders or between a cylinder and pressure vessel.

Certificates : 2014/34/EU ATEX , CE (2284)

Advantages of the DM Gas Transfer Pump:

- Rotating body-ergonomic design.
- Special table for different type cylinders
- Durable body.

GAS TRANSFER PUMP

DURULSAN



Product Name

DM GAS EVACUATION PUMP - PNEUMATIC / ROTATING BODY

Product Code

DM-SHMM-150

Description

It provides transfer of gas between cylinders or between a cylinder and pressure vessel for 2 types of cylinders (12 and 45 kg)

This machine provides gas transfer between cylinders or between cylinder and pressure vessel. Working principle; If you stop, it adjusts the machine head according to the cylinder dimensions you have given. After placing the cylinders in the holder, connect the discharge head, then connect it to the place where you want to transfer the remaining gas from the cylinders. Start the mechanism and follow the flow indicator, pressure gauge. If the gas flow passes the indicators, the gas runs out. After the process is finished, the pin is unlocked and the machine is brought straight by pressing the reset button.

Certificates : 2014/34/EU ATEX , CE (2284)

Gas Pressure : 12-17 bar

Air Pressure : 6-8 bar

Conditioner Inlet Pressure : 6-8 bar (min/max)

Working Temperature : -10 / +50 °C



01

02

03



VAPORIZER



Technical Specifications

DURULSAN's vaporizer is a heat exchanger useful to transform L.P.G. from liquid to gas. It is manufactured to ensure duration in time thanks to the thickness of materials and the superficial hot painting treatment. All its accessories allow to collect all relevant process datas and to operate in case of emergency. The extractable filter avoids the entrance of L.P.G. potential impurity.

Product Name

DM VAPORIZER – HOT WATER TYPE (Feed - out)

| | |
|--|------------|
| Design Pressure | 22 Bar |
| Design Temperature | -40 / +120 |
| Safety Valve | 18 Bar |
| Liquid Level Gauge | 4-20 mA |
| Liquid Level Signal Panel (Not Ex-proof / NHA) | 220 V |
| Water Circuit_ Design Pressure | 2 Bar |
| Water Circuit_ Design Temperature | -10 / 60 |
| Water Circuit_ Test Pressure | 3 Bar |

Optional Materials

Ex-Proof Solenoid Valve (220 V)
Electric Control Panel
Energy Cables
Ball Valve for Inlet and Outlet



Technical Specifications

DURULSAN's vaporizer defines industrial standard for dry electric LPG and NH₃ vaporizers. The modular temperature controller allows easy maintenance or replacement. The standard DM VAPORIZER is a single core , dry , electric vaporizer , No start / stop switches are used. When power is applied , the vaporizer is ON and ready for operation within seconds! Operational set-points are factory set , however , field adjustments can be performed.



Product Name

DM VAPORIZER – DRY TYPE

| | |
|-------------------------------|-----------|
| MINIMUM ALLOWABLE PRESSURE | 25 BAR |
| MINIMUM ALLOWABLE TEMPERATURE | -20 °C |
| MAXIMUM ALLOWABLE TEMPERATURE | +100 °C |
| VOLUME | 5.3 LITER |
| CAPACITY | 100 KG/H |
| FREQUENCY | 50-60 HZ |
| POWER SUPPLY | 18 KW |
| CURRENT VOLTAGE | 380-420 V |

SKID ON TYPE FILLING STATION

DURULSAN



Product Name

DM SKID ON TYPE FILLING STATION

Description

Designed for low capacity fillings, ready-to-use & mobile systems.

Certificates : 2014/34/EU ATEX , CE (2284)

Advantages of the DM skid on tpye filling station:

- Easy installation & easy-to-handle & safe.
- Building, plot and construction works are not necessary. It is an economical system.
- Very suitable to use in rural areas.
- Low energy consumption.
- Easy to carry. It can be montaged to any place easily.
- Tank capacity can be chosen (customer request).
- In 10 m3 systems, there are 2 SKids in one container. Thanks to this system, customer make a high logistic profit.
- Turnkey project.



By Pass Valve



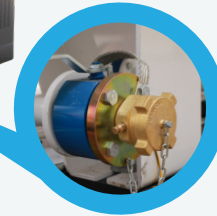
Relief Valve



SKID ON TYPE FILLING STATION

DURULSAN

Truck Filling



Product Name

DM SKID ON TYPE FILLING STATION

Description

Designed for low capacity fillings, ready-to-use & mobile systems.

Certificates : 2014/34/EU ATEX , CE (2284)

Advantages of the DM skid on tpye filling station:

- Easy installation & easy-to-handle & safe.
- Building, plot and construction works are not necessary. It is an economical system.
- Very suitable to use in rural areas.
- Low energy consumption
- Easy to carry. It can be montaged to any place easily.
- Tank capacity can be chosen (customer request).
- In 10 m3 systems, there are 2 SKids in one container. Thanks to this system, customer make a high logistic profit.
- Turnkey project.



SKID SYSTEMS

DURULSAN



Description

Designed for low capacity fillings, ready-to-use & mobile systems.

Certificates : 2014/34/EU ATEX , CE (2284)

Advantages of the DM skid on tpye filling station:

- Easy installation & easy-to-handle & safe.
- Building, plot and construction works are not necessary. It is an economical system.
- Very suitable to use in rural areas.
- Low energy consumption.
- Easy to carry. It can be montaged to any place easily.
- Tank capacity can be chosen (customer request).

Product Name

DM SKID ON TYPE FILLING STATION



MULTI TYPE COMPACT FILLING SYSTEMS

DURULSAN

4 Scales (~ 200cyl/h)



6 Scales (~ 300cyl/h)

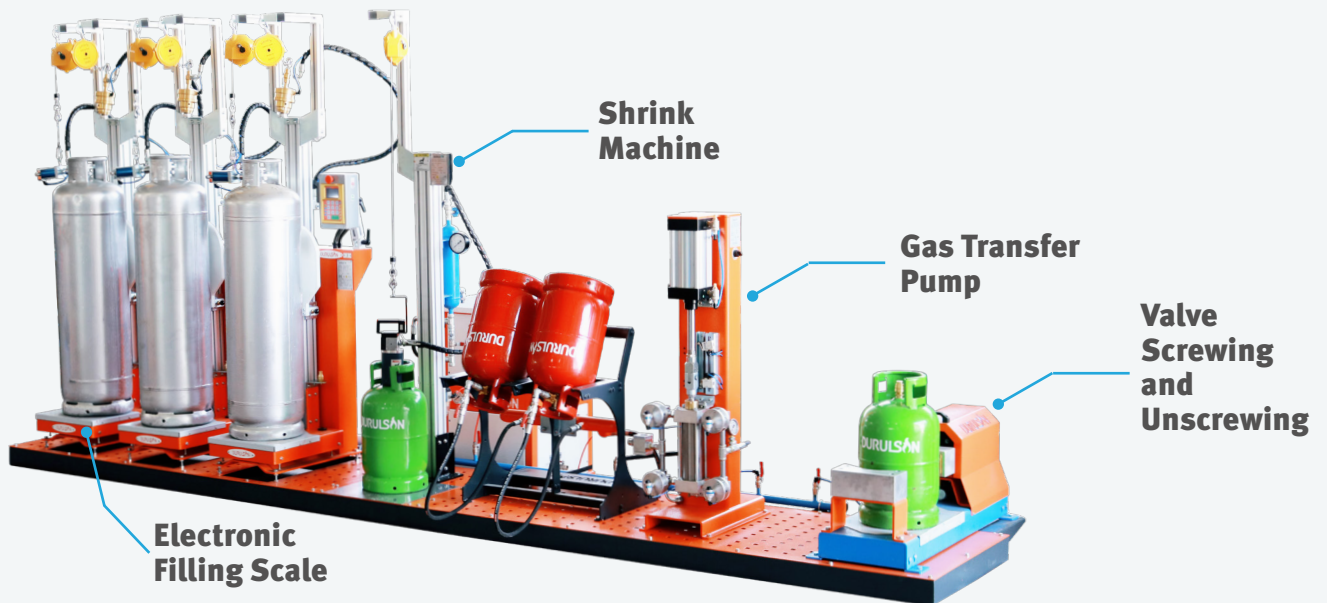


Product Name

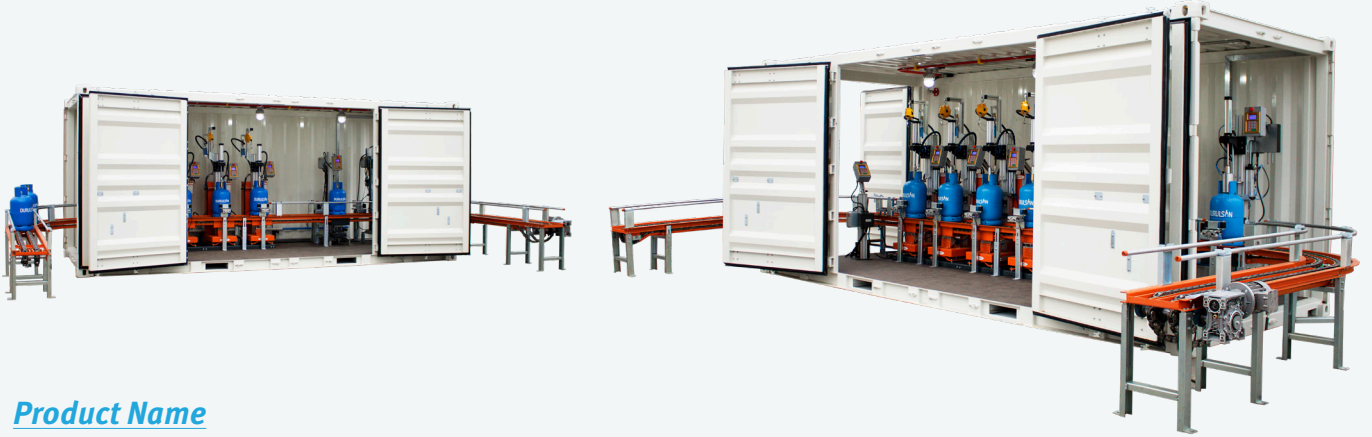
MULTI TYPE COMPACT
FILLING SYSTEMS

Description

Product line specially designed for your requirements.



CONTAINER TYPE FILLING STATION

DURULSAN

Product Name

DM CONTAINER TYPE FILLING STATION (20')

Description

Designed for low capacity fillings, ready-to-use & mobile systems.

Advantages of the DM container type filling station:

- Easy installation & easy-to-handle & safe
- Building, plot and construction works are not necessary. It is an economical system.
- Very suitable to use in rural areas
- Low energy consumption
- Easy to carry. It can be montaged to any place easily.
- Number of filling scales in a container is dependent to customer request.
- Turnkey project



The Container design make by durulsan



CONTAINER TYPE FILLING STATION

DURULSAN

Product Name

DM CONTAINER TYPE FILLING STATION (40')

Description

Designed for low capacity fillings, ready-to-use & mobile systems.

The Container design make by durulsan

Advantages of the DM container type filling station:

- Easy installation & easy-to-handle & safe
- Building, plot and construction works are not necessary. It is an economical system.
- Very suitable to use in rural areas
- Low energy consumption
- Easy to carry. It can be montaged to any place easily.
- Number of filling scales in a container is dependent to customer request.
- Turnkey project

IN - LINE FILLING SYSTEM

Product Name

DM IN - LINE FILLING SYSTEM FOR COMPOSITE CYLINDER



LPG AUTOGAS DISPENSERS

DURULSAN

Product Name

DM - DISFM - Lo2 SERIES



DM LPG Dispenser type Roof/
Multimedia colorizes your station
with the new 21.5" full HD LED
(1920*1080) 1000 nits LCD Panel.

Product Name

DM - DISRM - Mo4 SERIES



Description

Advantages of the DM - DISFM - L / DSFM - H Series :

- Mechanical : M1 Class
- Electromagnetical :E1 Class
- Ambient Temperature : -25 ° C to +55 ° C
- Temperature of fluid : -10 ° C to +55 ° C
- Humidity : H3 Class
- Operating Pressure : 5-13 Bar
- Traducer Characteristic : Volume Cycle (Vc) = 0,5 L
- Digits of Display : 8-8-6 (Sale-Liter-Price)
- Display Characteristics ;
- Unit price indication : 4 digits (00,00...99,99)
- Volume(quantity)indication : 6 digits (0000,00...9999,99)
- Price indication : 6 digits (0000,00...9999,99)
- Membrane Keypad
- Minimum Quantity Shift Scale (increment) : 0,01 L
- Volume Totalizer (electromagnetical) : min 7 digits
- Power Supply : 230 V , 50 Hz
- Standart Flow Rate (Qmin-Qmax) : 5-50 L/min
- Gas seperator equipped with a large filter to better clean the product without affecting the flow rate
- Amount/Volume Programming : Money/Liter
- Emergency Stop
- Breakaway Coupling : 3/4"
- Manometer
- Automatic Temperature Compensation
- Electronic / Mechanical Calibration
- Safety Relief Valve
- English - Turkish - Spanish - French Language Option

Product Name

DM - DISFM - Ho4 SERIES



Product Name

DM - DISMM - L01 SERIES
DM - Industrial dispenser



Product Name

DM - DISLM - L12 SERIES



Description

Advantages of the DM - DISFM - L / DSFM - H Series :

- Mechanical : M1 Class
- Electromagnetical :E1 Class
- Ambient Temperature : -25 ° C to +55 ° C
- Temperature of fluid : -10 ° C to +55 ° C
- Humidity : H3 Class
- Operating Pressure : 5-13 Bar
- Traducer Characteristic : Volume Cycle (Vc) = 0,5 L
- Digits of Display : 8-8-6 (Sale-Liter-Price)
- Display Characteristics ;
- Unit price indication : 4 digits (00,00...99,99)
- Volume(quantity)indication : 6 digits (0000,00...9999,99)
- Price indication : 6 digits (0000,00...9999,99)
- Membrane Keypad
- Minimum Quantity Shift Scale (increment) : 0,01 L
- Volume Totalizer (electromagnetical) : min 7 digits
- Power Supply : 230 V , 50 Hz
- Standart Flow Rate (Qmin-Qmax) : 5-50 L/min
- Gas seperator equipped with a large filter to better clean the product without affecting the flow rate
- Amount/Volume Programming : Money/Liter
- Emergency Stop
- Breakaway Coupling : 3/4"
- Manometer
- Automatic Temperature Compensation
- Electronic / Mechanical Calibration
- Safety Relief Valve
- English - Turkish - Spanish - French Language Option

Product Name

DM - LPGMX - 050 SERIES
D - Digital
M - Mechanic



CYLINDER PAINTING MACHINE

DURULSAN

DM CYLINDER PAINTING MACHINE

DM - CPM - 002

It provides to dye LPG cylinders automatically. It can dye 2 units of LPG cylinders at the same time. Thanks to water seals in the cabin, spread of a paint is prevented. Cylinders are dyed without human intervention. Thanks to this, it provides saving from time and man power. System designed as ex-proof

SAFETY

This unit is certificated for the use in hazardous area zone 1 and zone 2

SPECIFICATION

- The painting of a tube varies between 18 g and 50 g depending on the user.
- Equipments ;
 - Exproof Display
 - Water pump - with exproof engine
 - Fan - with exproof engine
 - Paint Cabin
 - Paint Pump & Paint Gun
- Working Air Pressure : 6 Bar
- It is dual paint cabin. Both cylinders are painted at the same time.

CYLINDER WASHING&STRIPPING UNIT

DURULSAN

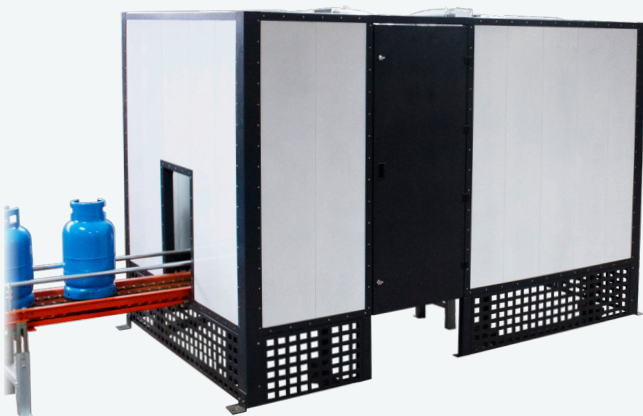
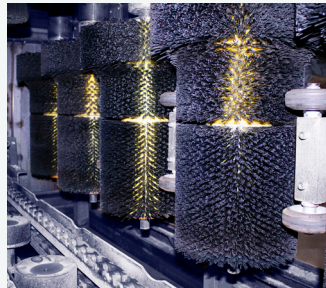
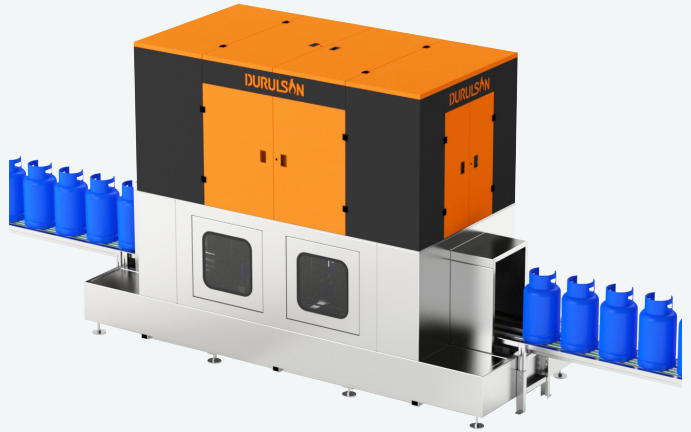
CYLINDER WASHING & BRUSHING UNIT

DM - CWU - 150

The DM Cylinder Washing Unit ensures that the surfaces of the cylinders are cleaned before filling. System consists of washing cabinet , high pressure water pump and reservoir

DM Cylinders Washing and Brushing Unit - full automatic (exproof) (in-line conveyor line)

- Stainles steel body
- Pressure Water
- Water Nozzles
- Water Pump with exproof engine (exproof)
- Long life and durable Brashes (for top surface and body brushing)
- Filter system.
- Closed circuit working.
- ExProof system. (The exproof panel is included)
- ATEX and CE certificated.

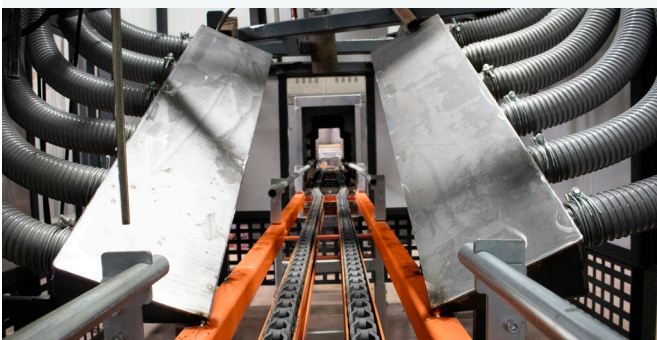


DM CYLINDER STRIPPING UNIT

DM - CPM - 002

DM Cylinder Stripping Unit

- Automatic/in line
- Water drops stripping unit (exproof)
- Water stripping cabinet
- Fan (air blower) – with exproof engine
- Conveyor lines (driving unit is not included)
- ExProof system. (The exproof panel is included)



ACCESSORIES

DURULSAN

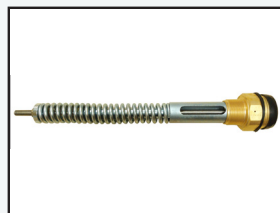
Product Name

DM - Relief Valve
(Standard Type)



Product Name

DM - Relief Valve
(Transport Type)



Product Name

DM - Excess Flow
Valve



Product Name

DM - Check Lock



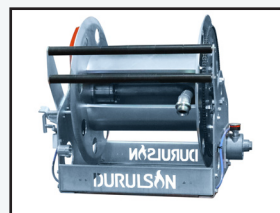
Product Name

DM - By-pass Valve
(Flanged - Threaded)



Product Name

DM - Hose Drum



Product Name

DM - Hydraulic Valve



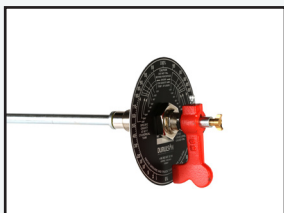
Product Name

DM - Hydraulic
Operator Pump



Product Name

DM - Level Gauge



Product Name

DM - Break Away
Coupling



Product Name

DM - Mechanical/
Manual Filling Head



Product Name

DM - By-pass Valve
with Diaphragm



FILLING EQUIPMENTS

DURULSAN

Product NameDM - Filling Head Type
CampingProduct NameDM - Tanker Filling
Hose with AdaptorsProduct NameDM - Filling Adaptors
for Tanker's HoseProduct NameDM - Filling Head Type
Keyed FlangedProduct NameDM - Filling Adaptors
for CylindersProduct Name

DM - Cut-off Valve

Product NameDM - Filling Head Type
F ValveProduct NameDM - Filling Head Type
JumboProduct NameDM - Filling Head Type
MechanicProduct NameDM - Filling Head Type
F Valve ITProduct NameDM - Filling Adaptors
for TankersProduct NameDM - Quick Acting
Hose-End Valve

EXPROOF EQUIPMENT



Product Name

Alarm



Product Name

Polyester Cable Gland



Product Name

Cable Glands



Product Name

Start-Stop Button



Product Name

Emergency Button



Product Name

Light



Product Name

Exproof Panel



Product Name

Stopping Box



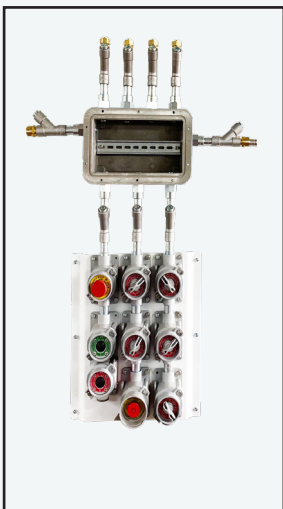
Product Name

Fire Button



Product Name

Control Panel



Product Name

On-Off Key



LPG GAS DETECTOR & PANEL

DURULSAN

TECHNICAL SPECIFICATIONS

Ex - proof Gas Detector Produces with catalytic sensor technology for inflammable explosive areas . It is compatible with all systems (4-20mA) and with relay standard input 4x1.5 mm² cable connection. It measures 100% by volume (0-100 LEL). Calibration is made in appropriate environment and with appropriate calibration gas. In device model , which has relay , it needs 230V energy input.

| Type of Gas | Explosion Limit (Low) | Explosion Limit (Upper) | NPFA Class | Height of Installation |
|-------------------------|-----------------------|-------------------------|------------|-------------------------------|
| LPG (Propane+Butane) | 1.8% LEL | 8.5% LEL | A | 25-30 cm high from the ground |

| | |
|-------------------------|-------------------------|
| TECHNOLOGY | Catalytic Sensor |
| SIGNAL OUTPUT* | 4-20mA / Relay |
| IGNITION OUTPUT | 5 A |
| RANGE OF MEASUREMENT | 0-100% LEL |
| VOLTAGE SUPPLY | 12-24 V DC |
| OPERATING VOLTAGE | 12 V – 28 V |
| OPERATING POWER | 2 W |
| TEMPERATURE RANGE | -10°C to +50°C |
| HUMIDITY RANGE | Max. ≤ %95 |
| INDICATOR | 25 m ² (max) |
| RESPONDING TIME | 10 – 15 sec. |
| IP CLASS | IP65 |
| ATEX | II 2G Ex db IIC T6 Gb |
| CABLE TYPE** | 4*1.5 mm ² |
| PRODUCT CODE | DM-GDLPG-420 |
| HOUSING MATERIAL | Aluminium |
| CABLE GLAND MATERIAL | Brass |
| SENSOR HOUSING MATERIAL | Brass |



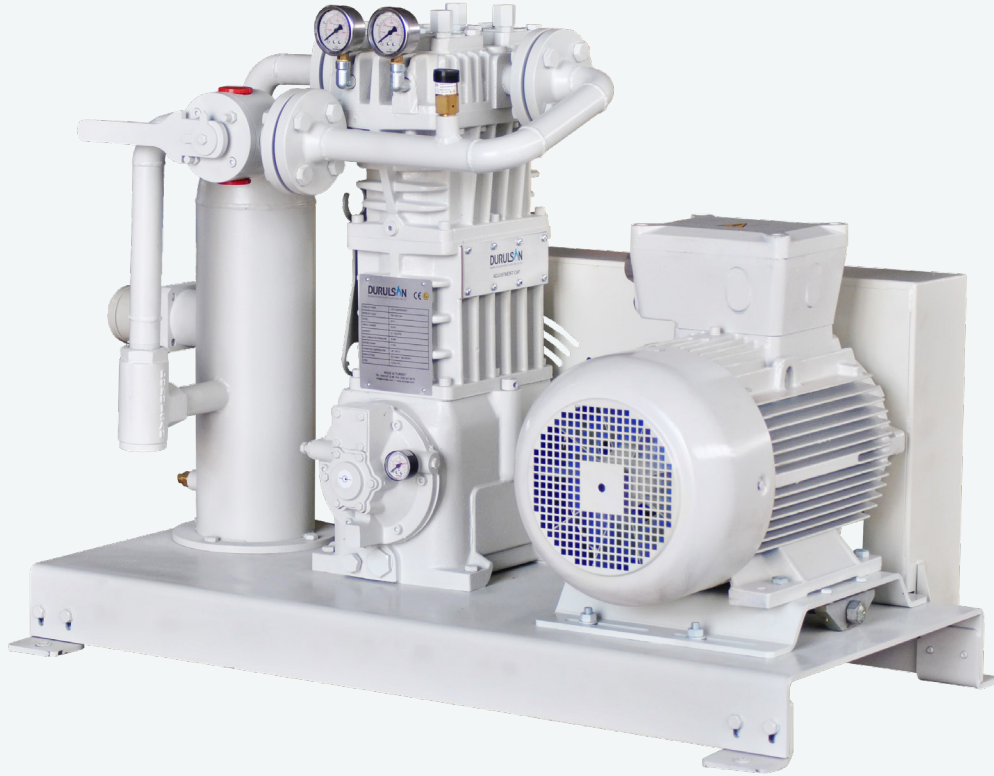
TECHNICAL SPECIFICATIONS

Ex - proof Gas Detector Produces with catalytic sensor technology for inflammable explosive areas . It is compatible with all systems (4-20mA) and with relay standard input 4x1.5 mm² cable connection. It measures 100% by volume (0-100 LEL). Calibration is made in appropriate environment and with appropriate calibration gas. In device model , which has relay , it needs 230V energy input.



| | |
|---------------------------|-----------------------------|
| MODEL | DM-GDP-004 |
| Power Consumption | 15W max. |
| Supply Voltage | 100V AC ~ 240V AC |
| Supply Current | 0,07A max (~220V) |
| Supply Frequency | 50Hz-60Hz |
| Operating Temperature | -10°C ~ +50°C |
| Operating Humidity | 0 - %95 |
| Number of Sensors | 4 |
| Sensor Supply Voltage | 12V Regulated |
| Sensor Supply Current | 300mA (Each sensor) |
| Sensor Signal Type | 4-20mA |
| Sensor Detection Range | 0-%100 LEL |
| Number of Output Contacts | 2 SPDT |
| Output Contact Voltage | 250V AC Max. |
| Output Contact Current | 5A~250VAC, 5A~30V DC |
| Communication Type | RS485 |
| Communication Protocol | MODBUS |
| Clock Battery Life | 10 years |
| Battery Voltage | 12V 7Ah 2 pieces |
| Battery Charge Current | 350mA constant current |
| Battery Usage Time | 10 hours (12V 7Ah 2 pieces) |

LPG COMPRESSOR

DURULSAN


Product Name

DM GAS COMPRESSOR

Product Code

DM-LPGC-025

DM-LPGC-060

DM-LPGC-090

CAPACITY - 25 m³/h

CAPACITY - 60m³/h

CAPACITY -90 m³/h

Description

It provides transfer of gas liquid from one tank to another by pressurizing to storage tanks.

- Compression power of the piston rod (KG) - 1760
- Motor power Kw (HP) - 11(15)
- Piston stroke mm (inch) - 76(2,99)
- Piston diameter mm (inch) - 101 (3,96)
- Max. transfer capacity (m³/saat) - (60-90)
- Max. working pressure psig (bar) - 348 (24)
- Ambient temperature range (°C) - (-10/+50)
- Length (mm) - 1210
- Height (mm) - 860
- Width (mm) - 702
- Ip rate - IP 65
- Magnetic Float (input output) - 250V (12 VAC 2.5A)
- Product code - DM LPGC 060
- Body material - GGG40 SFERO

Technical Specification for DM-LPGC-060



LPG PUMP

DURULSAN

Product Name

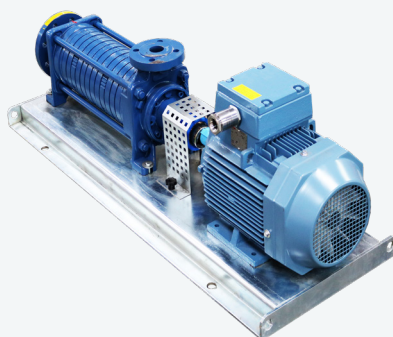
LPG SIDE CHANNEL PUMP

Product Code

DM-LSP-XXX

Description

DM Stage Pumps are horizontal and self-priming, side channel with a NPSH (Net Positive Suction Head) inducer stage suitable for handling liquids which do not contain solid or abrasive matter. The side-channel design fills the hydraulic performance gap between positive displacement pumps and centrifugal pumps. Full open star fans add to each other in the side-channel body, creating a powerful transfer effect in the transfer fluid or liquid gas mixture



| Pump Code | Capacity | Differential Pressure | Accouplement | Motor Power | Motor Revolution | Inlet | Outlet |
|-----------|----------------------|-----------------------|----------------|-------------|------------------|-------|--------|
| LSP-004 | 4 m ³ /h | 10 Bar | Direct Coupled | 4 kW | 1500 d/d | 2 ½" | 1 ¼" |
| LSP-005 | 5 m ³ /h | 10 Bar | Direct Coupled | 5,5 kW | 1500 d/d | 2 ½" | 1 ¼" |
| LSP-008 | 8 m ³ /h | 10 Bar | Direct Coupled | 7,5 kW | 1500 d/d | 3" | 1 ½" |
| LSP-015 | 15 m ³ /h | 10 Bar | Direct Coupled | 15 kW | 1500 d/d | 4" | 2" |
| LSP-028 | 28 m ³ /h | 10 Bar | Direct Coupled | 30 kW | 1500 d/d | 4" | 2 ½" |

Product Name

DM LPG SLIDING VANE PUMPS

Product Code

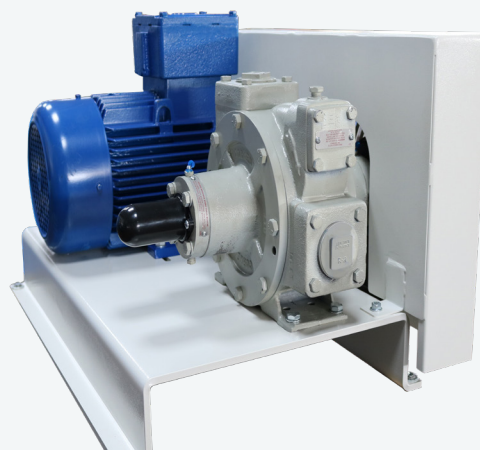
DM-LVP-XXX

Description

Designed for high pressure applications with a maximum working pressure of 400 psi (27.6 bar)

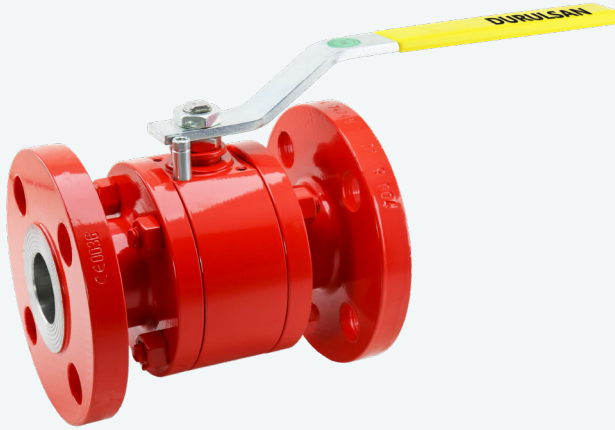
- Available in foot and truck mounted designs
- O-ring construction
- Six vanes/blades design with vane drivers
- Mechanically seal design with silicon carbide seal seat
- Depending on the model, available with NPT, PN40 or Class 300 RF flanges

235-424 L/Min capacity range.



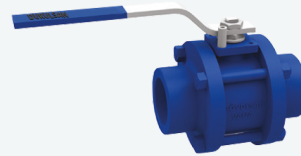
VALVES

DURULSAN



Threaded Ball Valve

| | |
|-------------------------|---|
| Size | : DN 15 / 100 (1/2" to 4") |
| Pressure Class | : PN40 / Class 300 |
| Max. Temperature | : RT/+180 °C |
| Body Material | : Carbon Steel |
| Ball Material | : Stainless Steel |
| Sealing | : Teflon ((PTFE) , Burgman , Viton O-Ring |
| Connections | : Screwed |



Ball Check Valve / Flanged

| | |
|-------------------------|---|
| Size | : DN 15 / 100 (1/2" to 4") |
| Pressure Class | : PN40 / Class 300 |
| Max. Temperature | : RT/+180 °C |
| Body Material | : Carbon Steel |
| Ball Material | : Stainless Steel |
| Sealing | : Teflon ((PTFE) , Burgman , Viton O-Ring |
| Connections | : Between Flanges |



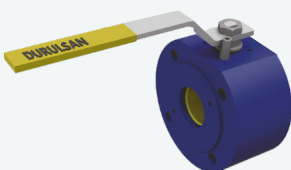
Ball Valve / Flanged / 3 - Peice

| | |
|-------------------------|---|
| Size | : DN 15 / 100 (1/2" to 4") |
| Pressure Class | : PN40 / Class 300 |
| Max. Temperature | : RT/+180 °C |
| Body Material | : Carbon Steel |
| Ball Material | : Stainless Steel |
| Sealing | : Teflon ((PTFE) , Burgman , Viton O-Ring |
| Connections | : Wafer , Between Flanged |



Monoblock Valve

| | |
|-------------------------|---|
| Size | : DN 15 / 100 (1/2" to 4") |
| Pressure Class | : PN40 / Class 300 |
| Max. Temperature | : RT/+180 °C |
| Body Material | : Carbon Steel |
| Ball Material | : Stainless Steel |
| Sealing | : Teflon ((PTFE) , Burgman , Viton O-Ring |
| Connections | : Wafer , Types |



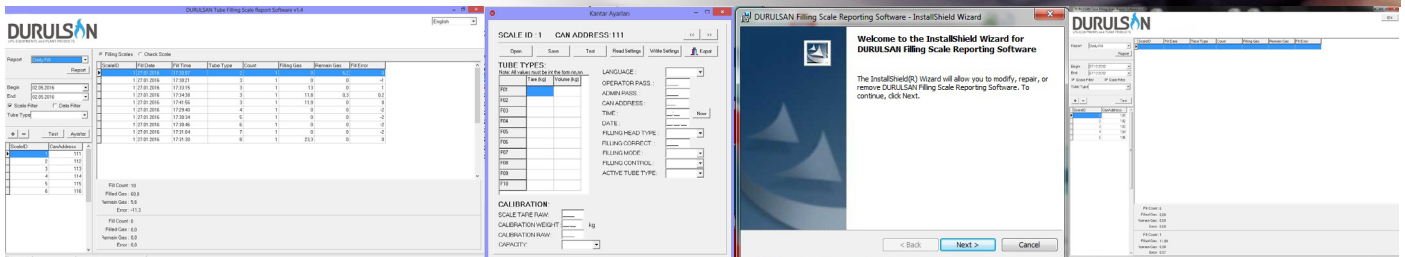
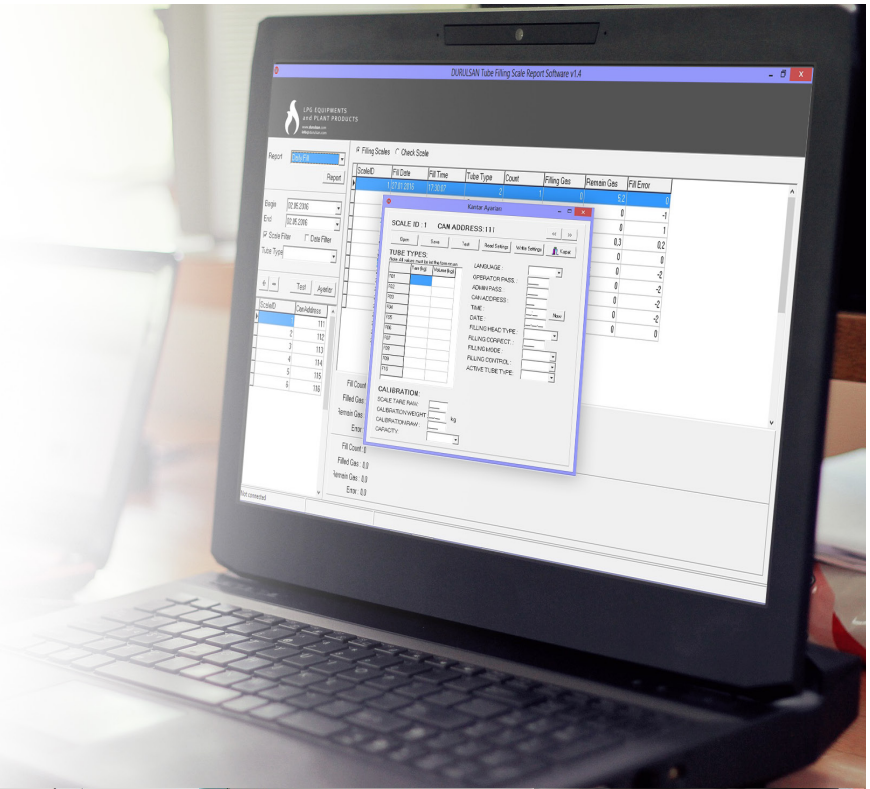
Strainers

| | |
|--------------------------|---|
| Size | : DN 15 / 100 (1/2" to 4") |
| Pressure Class | : PN40 / Class 300 |
| Max. Temperature | : RT/+180 °C |
| Body Material | : Carbon Steel |
| Strainer Material | : Stainless Steel |
| Sealing | : Teflon ((PTFE) , Burgman , Viton O-Ring |
| Connections | : Welded Flanged |



DATA NETWORK & SOFTWARE

DURULSAN



Description

Filling details can be monitored with pc connection box and pc software. Details can be reportable and archived. It enables to see all machines' data at the same point.

Advantages :

- General view about production capacity
- Filling sensitivity analysis and setting requirement
- Accuracy of total production filling
- Check up on faulty cylinders (control filling scales and leak dedectors)
- Compartmentalizing for cylinder types
- Preparation of data reports
- Efficient data storage and search
- Cable connection can be made (up to 500 meter)
- Easy updating of the software
- Can be installed all computers (cd driver or usb is needed)



02

LPG CYLINDER
PRODUCTION , TEST
AND MAINTENANCE
PLANT
PRODUCTS AND
EQUIPMENTS

Table of Content

| | Pages & Color |
|---|---------------|
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| • Cylinder Testing Plant & Filling Plant Project | 48 |
| • Project & Engineering and Installation | 49 / 50 / 51 |
| • Where We Are ? | 52 / 53 / 54 |

VALVE SCREWING & UNSCREWING

DURULSAN

Product Name

HYDRAULIC VALVE
SCREWING/
UNSCREWING
VERTICAL/FIXED

Product Code

DM-VSMHF-300

Description

It is a machine that provides to screw/unscrew lpg cylinder valves'.

Advantages

- Benefits from advantages of hydraulic system
- Screwing operation is done in desired torque force.
- Height setting can be adjusted.
- There is a clutch mechanism that fits all types of lpg cylinder.
- Hydraulic unit and hydraulic pump are existed.
- Air consumption at minimum level
- Screwing/unscrewing head is produced for different cylinder valves.

Pressure Gauge



Main Label and Warning Label



Valve Screwing Key



Control Panel



Product Name

HYDRAULIC
VALVE
SCREWING/
UNSCREWING
VERTICAL/IN
LINE

Product Code

DM-VSMHA-300

Description

It is a machine that provides to screw/unscrew lpg cylinder valves'.

Advantages

- Benefits from advantages of hydraulic system
- Height setting can be adjusted.
- Screwing operation is done in desired torque force.
- There is a clutch mechanism that fits all types of lpg cylinder.
- Hydraulic unit and hydraulic pump are existed.
- Air consumption at minimum level
- Screwing/unscrewing head is produced for different cylinder valves.
- There is an external control panel.

VALVE SCREWING & UNSCREWING

DURULSAN

Product Name Product Code

HYDRAULIC VALVE
SCREWING/
UNSCREWING
HORIZONTAL/FIXED

DM-VSMHF-300

Description

It is a machine that provides to screw/unscrew lpg cylinder valves'.

Advantages

- Benefits from advantages of hydraulic system
- Screwing operation is done in desired torque force.
- Cylinders move horizontally on strip coils.
- Especially suitable for usage of industrial type cylinders
- Hydraulic unit and hydraulic pump are existed.
- Air consumption at minimum level
- Screwing/unscrewing head is produced for different cylinder valves.

Product Name Product Code

DM-VALVE SCREWING TRIPOD

DM-VST-001

Description

It is a machine that provides to screw/unscrew lpg cylinder valves'.

Advantages

- Easy installation and utilization
- No electric consumption
- Take a small place
- Clamping a cylinder is done pneumatically
- Screwing/unscrewing head is produced for different cylinder valves



CYLINDER CRUSHING MACHINE

Product Name Product Code

DM CYLINDER CRUSHING
UNIT / FIXED TYPE -
MANUAL

DM-CCMM-200

Description

It is a machine that provides to drill lpg cylinders.

Advantages

- Benefits from advantages of hydraulic system
- Fixed type



AIR PRESSING

DURULSAN

Product Name

DM AIR PRESSING
MACHINE/AUTOMATIC

Product Code

DM-APMA-003

Description

Pressure air is enforced into cylinders. Cylinders, which are enforced pressure air, are tested visually at testing pool.

Advantages

- Can be produced as single to six.
- Visual control of cylinders
- Air pressure at high speed
- Benefits from advantages of hydraulic system
- There is an external control panel.
- Height setting can be adjusted.
- It works automatically on conveyor belt.



Product Name

DM AIR PRESSING
MACHINE/SEMI-
AUTOMATIC (MULTI TYPE)

Product Code

DM-APMM-002

Description

Pressure air is enforced into cylinders. Cylinders, which are enforced pressure air, are tested visually at testing pool.

Advantages

- All valve and cylinder types can be tested on one machine
- Air pressure at high speed
- Benefits from advantages of hydraulic system
- Height setting can be adjusted.
- It works semi-automatically on roller conveyor belt.
- It can be controlled with touchable display unit which is an it.

CYLINDER TESTING POOL

DURULSAN**Product Name**DM TESTING POOL
(HORIZONTAL TYPE)**Product Code**

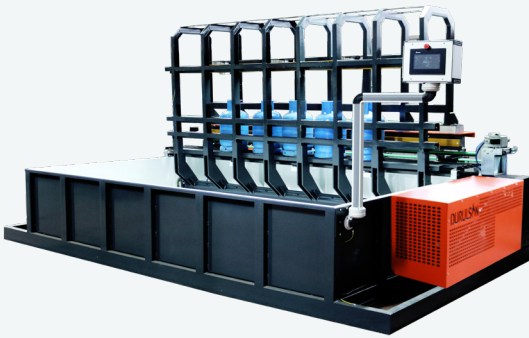
DM-TPHT-010

Description

It provides visual leakage control of cylinders in water-filled pool.

Advantages

- Easy leakage control
- Simple technology
- Needs just one operator
- Minimum maintenance costs
- Can be used in conveyor line as an automatic system
- Different types of cylinders can be tested at the same pool
- Benefits from advantages of hydraulic system



HYDROSTATIC TEST

DURULSAN

Product Name

DM-HYDROSTATIC
TESTING UNIT

Product Code

DM-APMM-002

Description

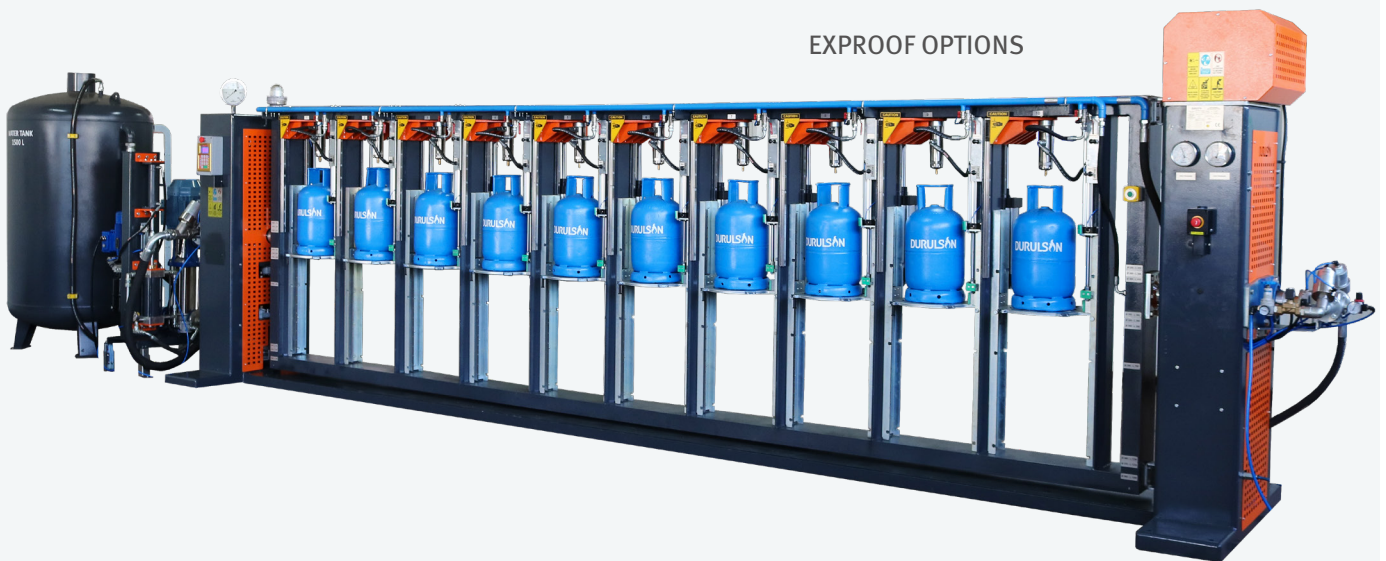
Cylinders are tested with compressed air and pressured water. Air and water are applied with high pressure inside of the cylinders to check whether they have leakage or not.

Advantages

- Adjustable height and diameter
- Visual control of cylinders at the same time
- Low water consumption (water recirculation)
- Adjustable test periods
- Fast filling – discharge
- Easy to use 7" screen
- Capacity of test unit determined for customer request
- Thanks to rotating body, cylinders' backsides can be seen.
- High security and ergonomic body
- Benefits from advantages of hydraulic system (rotating body motions provided by hydraulic cylinders)
- High pressure and low pressure pumps are included.
- Hydraulic unit and water tank are included.



EXPROOF OPTIONS



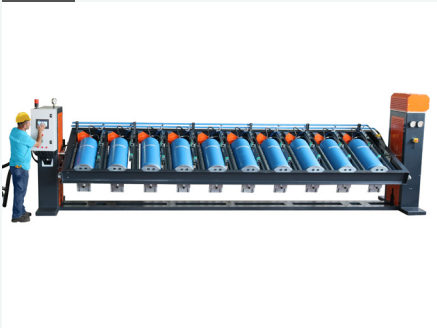
HYDROSTATIC TEST



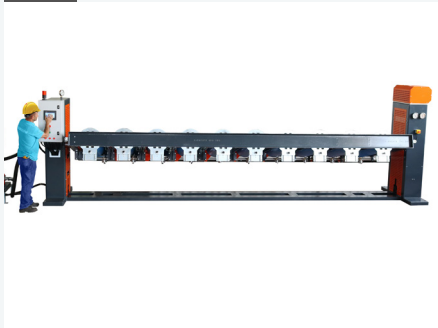
01



02



03



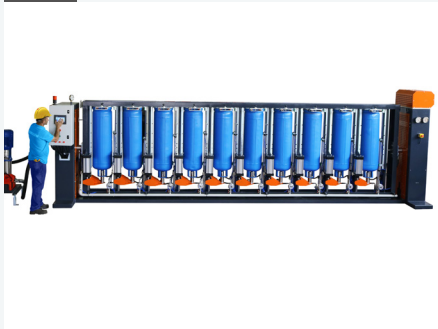
04



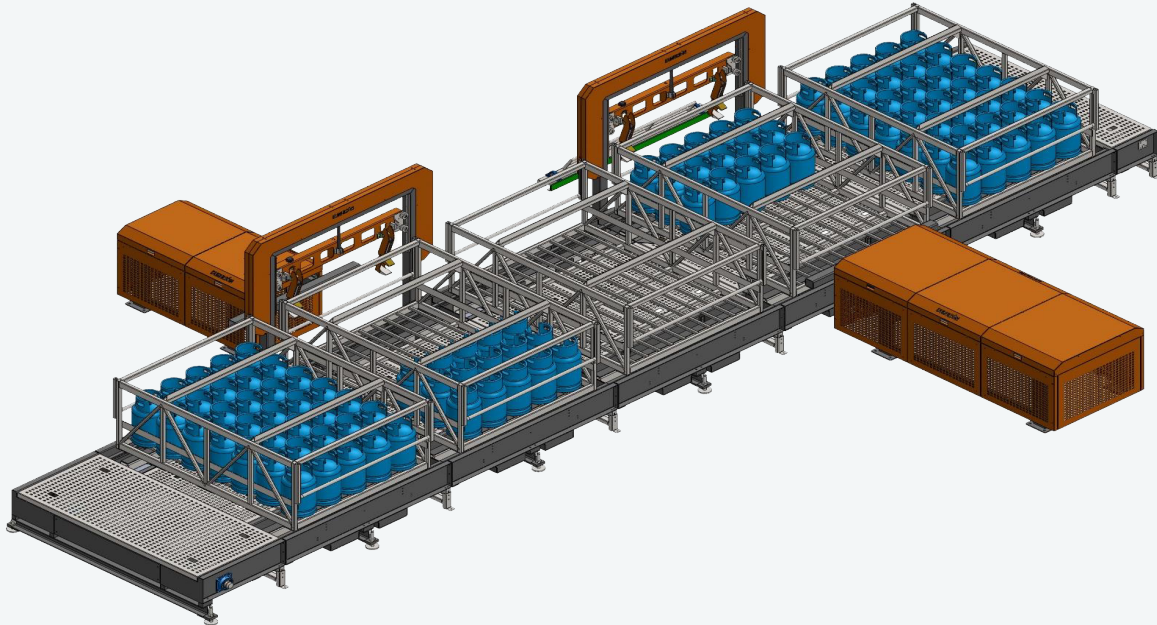
05



06



DM PALLETIEZER



Description

This system provides the cylinders are put in groups in a cage system, transport with forklift to conveyor line and transport with forklift to vehicles from conveyor line. The cylinders are automatically caged in groups and transported by means of a forklift truck.

Product (Palletiezer Automatic) has 5 modules;

1. First module is for empty cylinders cages'(pallets) entry port.
2. Second module is for unloading the empty cylinders' with hydraulic pistons to filling line.
3. Third module is for move the empty cage(pallet) to loading.
4. Forth module is for loading the filled cylinders to empty cages(pallets) with using the hydraulic cylinder.
5. Fifth module is for pick up the filled cages(pallets) by forklift.

Necessary elements for the palletizing system:

Chassis: Is used for moving the pallets between modules with using the chain conveyor system. Contains position sensors and other necessary equipment for circulate on chassis.

Palletizing table (pallet filling): Is used for unloading empty cylinders from pallets to filling conveyor line automatically with hydraulic pistons. Pushes the cylinders to conveyor line.

Unloading table from the pallet (unloading of the pallet): Is used for load the filled cylinders from conveyor line to pallets automatically with hydraulic pistons. Pushes the cylinders to pallets from conveyor line.

The Control System: (sensors, solenoid valve, etc...) are certified as ex-proof and suitable for running in dangerous zones (Class I, Zone I). Product includes a conveyor system which is designed for moving the pallets on the product with double line cast-iron chains, relevant reducers and ex-proof engine. The pallets(cages) which contains empty cylinders carry by forklift to the filling station. Every pallet(cage) can be filled up to 35 cylinders (5cyl X 7cyl).

DM PALLETIEZER

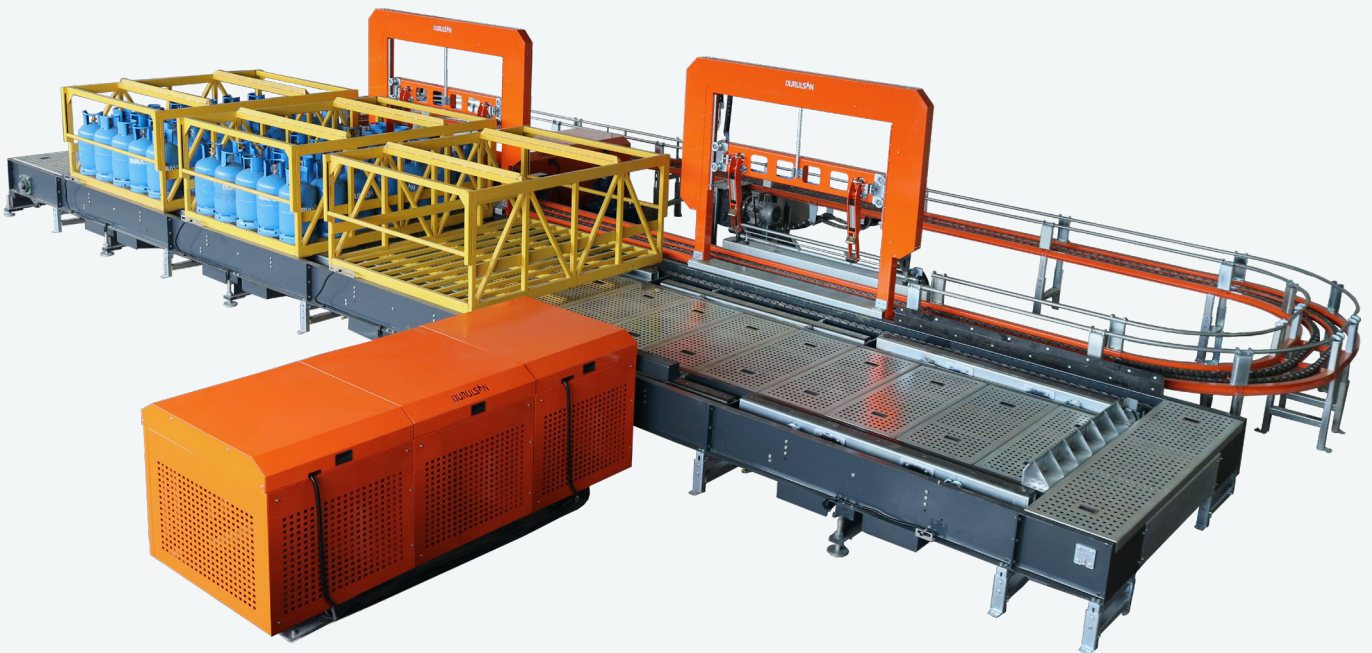
DURULSAN**Product Name**

DM-PALLETIZER

Product Code

DM-PLTZTR/SNGL-005

- 1- Main Chassis
- 2- Palletizing table (pallet filling)
- 3- Unloading table from the pallet (unloading of the pallet)
- 4- Pallet loading-unloading area for Forklift
- 5- Automatic pallet opening / closing mechanism
- 6- Reducer and engine with chain



DM CYLINDER BLASTING

DURULSAN

Product Name Product Code

DM-CYLINDER BLASTING DM-CBM-001
MACHINE

Description

This product is used to determine the safety of the cylinders. It helps us to understand whether the cylinders are suitable for use with the blasting tests.

Usage areas are used in facilities producing cylinders.

LPG Cylinders are tested by detonating in a controlled manner in the LPG Cylinder Blasting Machine. The LPG cylinder is placed inside the cabin, then the hood is attached to the species, and water is introduced into the species. The amount of water increases in direct proportion to the quality of the cylinder. The internal pressure is increased up to a level beyond the breaking point of the LPG Cylinder. According to the welding type (vertical, horizontal), it gives clues about the tear pattern of the sheet plate, the quality of the welding performed and the quality of the steel plate used in the production of the LPG cylinder. The LPG Cylinder blasting machine allows the LPG cylinders to be tested visually or with PLC control.

Technical Specials;

Pressure :Max Water Pressure: 160 Bar

Ambient Temperature :(-10°C/+40°C)

Cylinder Explosion Value :> %20

Water Consumption :It depends on the type of cylinder.



THREAD CLEANING MACHINE

Product Name Description

DM-THREAD
CLEANING MACHINE

Product Code

DM-TCM-030

It cleans collarets threads' by taps (threaders) before fixing of cylinder valves'

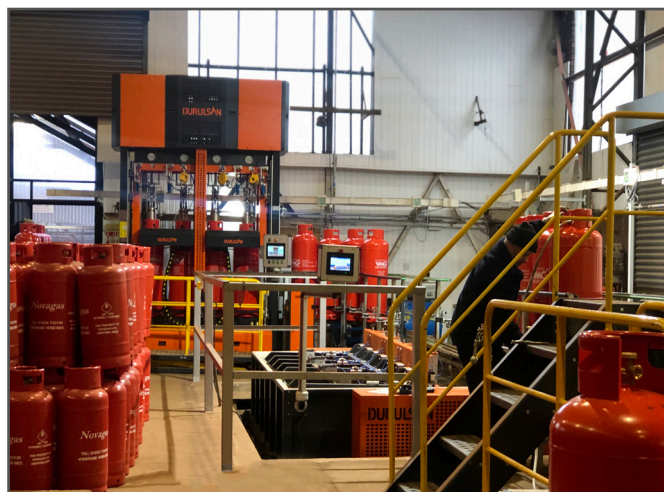
Advantages

- Easy-to-use & semi-automatic cleaning
- Easy alteration of taps threaders
- Benefits from advantages of hydraulic system
- Height adjustment can be set.
- Easy installation at facilities
- It can be used on conveyor belts or as a fixed system.

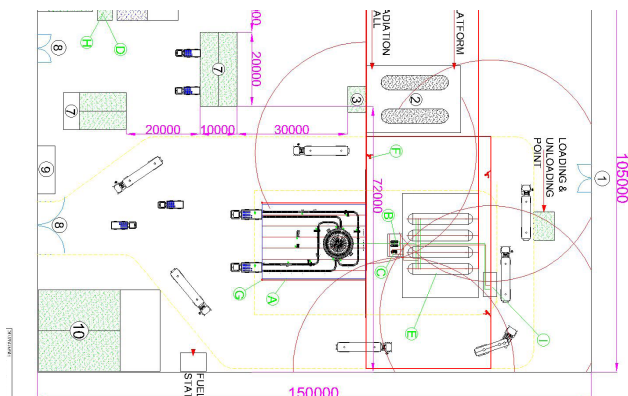
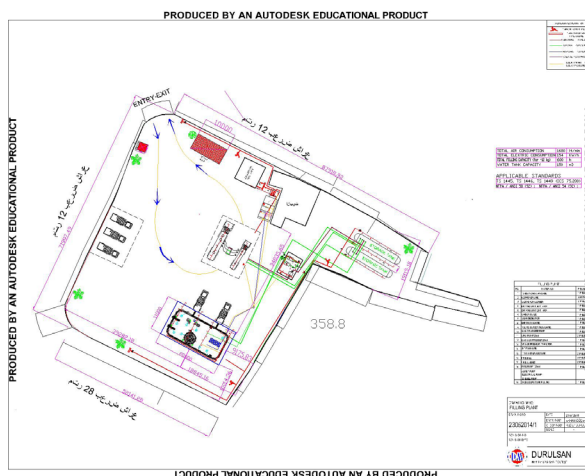


CYLINDER TESTING PLANT

DURULSAN

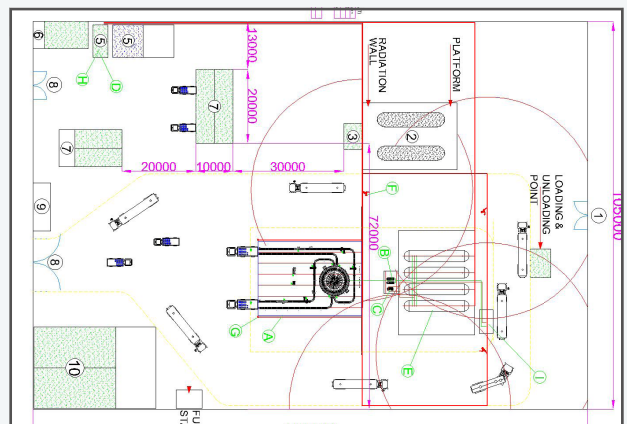
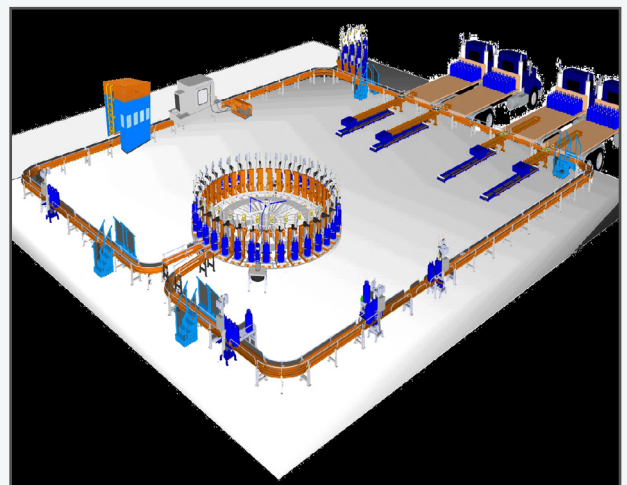


FILLING PLANT PROJECT



PROJECT & ENGINEERING AND INSTALLATION

DURULSAN

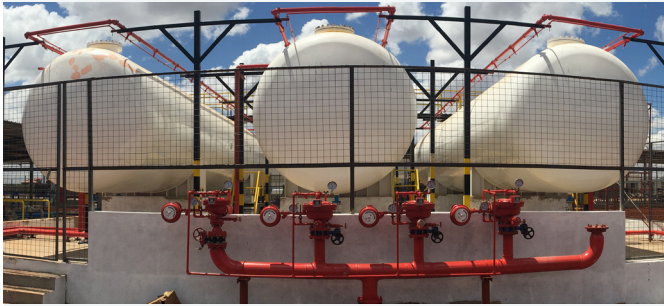


PROJECT & ENGINEERING AND INSTALLATION

DURULSAN



DURULSAN's LPG piping systems are designed for supply of LPG to both filling machines and evacuation systems. LPG piping systems are designed according to all known international norms.



PROJECT & ENGINEERING AND INSTALLATION**DURULSAN**

Turnkey solution for cylinder filling plants and autogas filling plants



About US

DURULSAN Company was founded in 1995 under the provisions of the Turkish Commercial Code in the biggest trade center of LPG, Körfez/Kocaeli. In general, its businesses are production and installation of LPG cylinder & autogas filling plants – machines and equipment, and LPG cylinder production plants – machines and equipment.

DURULSAN staff is expert in their professions. It carries on the activity both in domestic and foreign countries. Since its foundation with dynamic staff and value owed by the business, DURULSAN provides high quality and technological service both in domestic and countries that it works for.

DURULSAN, which follows the developing technology and adopts the principles of modern business management and quality management principles, continues its work by expanding its business geography. DURULSAN disseminates its knowledge and experience to the LPG sector by R&D activities through its investments for the infrastructure and modernization activities of the LPG sector.

OUR MISSION & OUR VISION

OUR VISION;

- * Our vision is to obtain quality and product certificates,
- * To be the first preferential corporation in and outside of Turkey,
- * To increase product and service quality,
- * Provide occupational safety and carry on our activities with environmental protection precondition..

OUR MISSION;

- * Our mission is to contribute social progress and to be a profitable company that has been supporting development of our country.



*Innovative Solution Center of
LPG World*



Atex Certificates



CE Certificates



ISO 9001 Certificates



MID Certificates



ISO 14001 Certificates



EUROPE

- Norway
- Poland
- Netherlands
- Sweden
- Romania
- Bulgaria
- Kosova
- Greece
- Portugal
- Belgium
- Czech Republic
- France
- Italy
- Ireland
- U.K

ASIA

- Pakistan
- Bangladesh
- Myanmar
- Cambodia
- Thailand
- Philipines
- Malaysia
- Azerbaijan

SOUTH AMERICA

- Peru
- Chile
- Paraguay
- Colombia
- Dominican Republic
- Brasil

“

MORE THAN 70
COUNTRIES IN THE
WORLD SHARE
OUR IDEA
“SUSTAINABLE,
INNOVATIVE
SOLUTIONS
FOR FUTURE”



MIDDLE EAST

- Yemen
- U.A.E
- Syria
- Iraq
- Jordan
- Afghanistan
- Egypt
- Israel
- Lebanon
- Libya
- Oman
- Qatar
- Djibouti
- Palestine

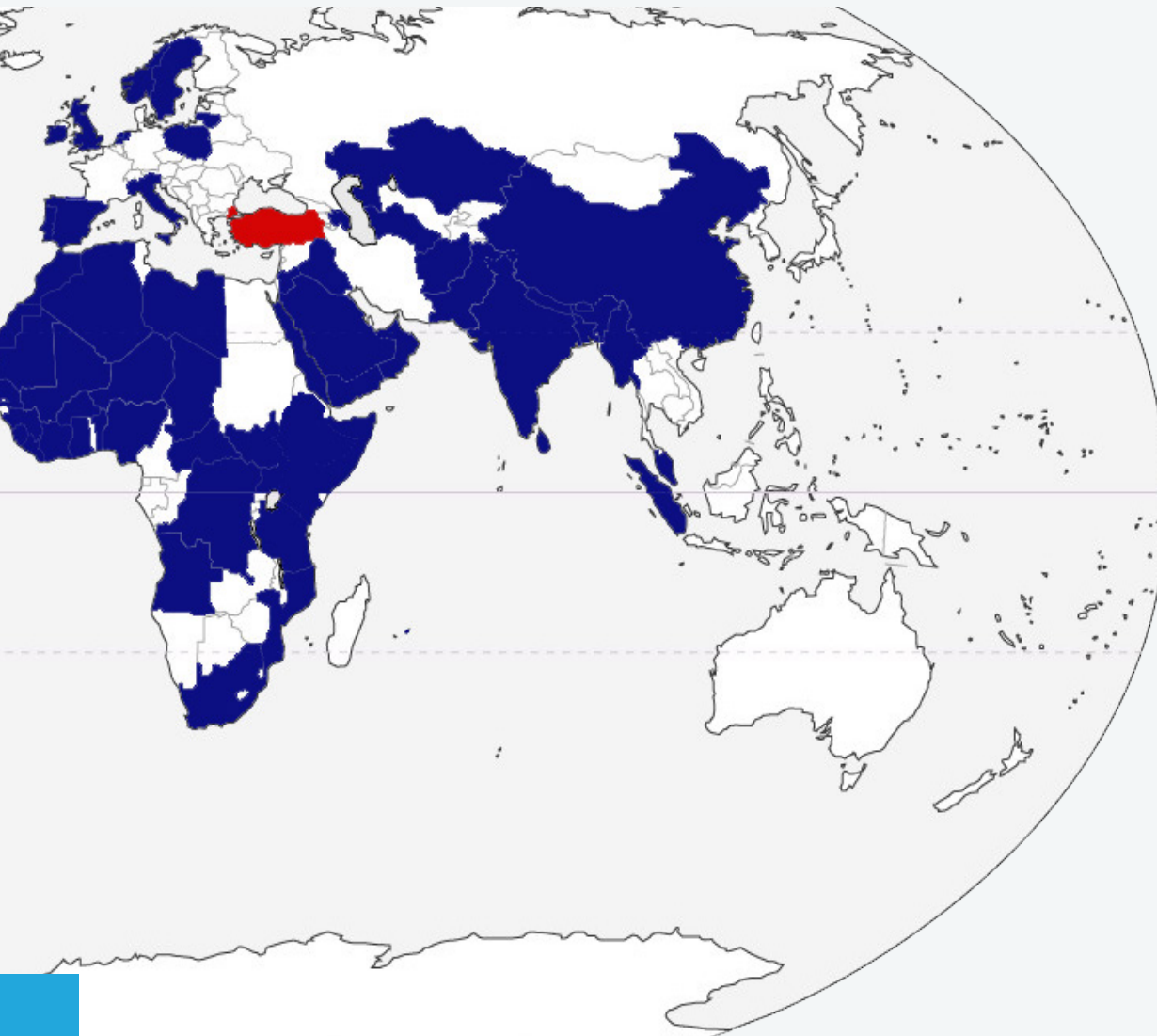
AFRICA

- Nigeria
- Ethiopia
- D.C.R
- South Africa
- Sudan
- Tanzania
- Kenya
- Uganda
- Ghana
- Burundi
- São Tomé ve Príncipe

- Rwanda
- Mozambique
- Ivory Coasts
- Cameroon
- Niger
- Senegal
- Angola
- Gambia
- Burkina Faso

- Zimbabwe
- Chad
- Guinea
- Somalia
- Benin
- Togo

OUR COMPANY WHERE WE ARE ?





DURULSAN

LPG EQUIPMENTS
and PLANT PRODUCTS

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