



simset®



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Marine Products

- 1- **Barrier Drum:** Barrier drums are designed to lay and collect barriers quickly and safely. They are manufactured in various sizes according to the types and length of the barriers to be stored on drums. Drums can be operated by mechanical, electrical-hydraulic, Diesel-Hydraulic power units. The body is made of steel materials and covered with hot-dip galvanization. They are long-lived in marine environment.

Usage area:

- Ports
- Wharfs
- Marinas
- Docks
- Vessels collecting wastes
- Oil tankers
- Fish farms
- Marine accidents



- 2- **Flash Hood:** The hood that is placed on buoy in buoy systems making flash and reflector+assembling safeguarded and visible. It is made of steel materials. It is manufactured in requested values and sizes.



- 3- **Hook Fast Disengaged:** It secures rope connection between buoy and ship. The hook that is manufactured to hold ship's ropes safely ensures the rope is freed which is broken away by the moving part over the load shaft. Hooks that are made of ST52-3 materials are certified by the Turkish Lloyd project and test. There are products between the range of SWL 50 ton – SWL 200 ton.

- 4- **Buoy:** Every kind of structures that are anchored over tea must flexible. One of the components securing this feature is buoy. Our buoys are made of Grade A ship steel in various sizes. It is certified Turkish Lloyd project. Inside the buoy there are four rooms. All practices from manufacture and rubber fender to painting and cathodic protection are realized painstakingly in order to make it complying with marine conditions.



LPG Products

1-Gas Drawing Hose Connecting Apparatus: Adapter is used at the filling hose connections of the LPG tankers.

It is made of brass casting materials for not sparking in the LPG environment and safely moving.

Fixed body is made of steel materials. The pressure at the tip of the hose is safely released by the prugeur or F valve to be tied to the coupling on the adapter.



2-Hydraulic Manual Operator: It secures conveying the oil to the hydraulic valves and opening and closing them. By 0-40 bar pressure adjustment it secures opening and closing valves safely. It produces maximum 0-100 bar pressure. It has 1lt-3-lt capacity.

3-Loading-Arm (LPG Loading-Discharging Arm): Loading-Arm that is used in loading and discharging operations does not need hose. By full sealing it secures operations in high security. There is no need more efforts to use it by single person. It provides every kind of loading and discharging operations thanks to 10 sealing joints on both two 360° rotating arms. Adjustments may be made in the range of 330mm. – 2000mm at the connection tip thanks to the optional spring balances on the arms. It has lifting power in the range of 5kg-50kg. It does not need parts stock as standart materials are used in manufacturing. It is protected against abrasion and corrosion as the movable parts in the joint are covered with chromium. There have been different applications by projecting it to needs.



4-LPG Hose Rolling Drum: Drums protect the hoses from damages. They are also helpful to avoid unsafety and confused operational spaces. They save time as they keep them from being knotted as well as avoid the need of collecting them by hand. The hoses that are stored and collected in convenient way may be knotted and cracked. Some leakages and lower pressures may be occurred on account of failing and wearing down of the hoses. The drum that can be manufactured with pneumatic, hydraulic and mechanical driven has 1" x 40 mt. , 1 1/2" x 25 mt hose Rolling feature. There are Single (Liquid hose Rolling) and Double (Liquid + gas hose Rolling) types. They are manufactured according to the order except for standart short sizes.



5-LPG Tanker – Back Cabinet and Installation: This is applications of LPG installations in LPG tankers according to usage and segment positions. Materials complying with standarts are used in installations and argon-arc welding is used. Installations in which Sch 80 pipes are used may be diversified according to the requests of customers and the case of means. Protection cabinets are designed to protect installations and accessories in the best way. Cabinets are made of black sheet iron, chromium and galvanization.



6-LPG Tanker Filling Adapter (Yellow Connector): It is used in filling nozzle connections of the LPG tankers. It is made of brass casting materials for avoiding sparking and providing safety movement.



7-Transport Tanker with Mechanical Driven: Mechanical driven system, which is applied as a different operation technique in LPG tankers, is operated in a way that LPG pump takes direct driven from the gear box by helping of PTO. Circuit is transmitted directly into the pump by the special shaft with cut bolt that is placed between LPG pump and PTO. In this way losses of intermediate power pass that are in other systems are completely avoided. Gas supplying is possible with a standart debit as circuit lowness is avoided in usage. The system that does not need for intermediate power passing components is lucrative also in terms of installation and management costs. On the other hand, necessary interventions are possible as repair and maintenance points are reduced.



8-Mobile Hydraulic Operator Adapter: Adapter is mounted on LPG tanker. It supplies not being of any hydraulic operator on the tanker. In general, by the adapter used in tankers among installations intervention in hydraulic valves of tanker is only made in facility. Adapter is made of brass casting and steel materials. It operates without leakage thanks to sealing elements.



Fire Equipments

- 1- Foam Trailer:** Trailer has the capacity of 525 lt foam storage. Foam tank is made of A 304 quality chromium. By the cabinets on both side of Trailer fire hose and nozzles are ready to be used. Parts of the tank are made of steel materials. By the shaft and Wheel systems it can be used as mobile in easy movements. Thanks to stabilizer legs it can do safety stop during using.



- 2-Fire Hose Rolling Drum (Hydrant Pulley):** It is used for installation of 2" – 2 3/4" hoses in fields. By the drum that is rotating 360° it supplies easy usage. Thanks to its apparatus hose as well as nozzle are placed on it.



- 3-Fire Spring Nozzle:** It is used where fire safety is supplied by water. By passing through the pressurized water it provides spraying water in the shape of umbrella. In this way the spring system blocks oxygen flowing. It stops fire and oxygen connection. It is manufactured of brass material in order to avoid corrosion.

Contracting Works

Complete parts of LPG, Petroleum, chemical facilities, manufacturing spare parts, manufacturing cylindrical stock tanks, producing of pipe, installation, transfer and process lines, producing of industrial machinery and installations, constructions and every kind of contracting works have been made by our Company. In all the works our qualified staff are employed. Our equipment pool has been pretty developed to rende better services to our customers. Our company enable to make every kind of contracting works by its own equipments pool.



Special Productions:

1- Chromium Hinge: Chromium hinges are made of A 304 Quality chromium material. They are manufactured in every sizes and shapes according to needs. It has long live on account of produced from chromium materials.



2-Trailer Support: It is specifically manufactured for 45m³ tankers making LPG transfers. Following the tug left 45m³ trailer it is used as support under trailer. In this way trailer is not allowed to be on its own legs and safety park is provided. By the special spring Wheel system it can be easily moved on the wheels. When the support rides the load wheels come out of the load thanks to the spring system and the load is taken by the support legs completely. Trailer support is made of 3" steel pipe and has 30 tons of safety load restraint.

3-Scale Lifting: Scale lifting apparatus provides lifting of flexible and long materials without being broken. In this way, flexible materials can perform loading and discharging without being damaged. There are special rope hooks that can be easily moved over the scale. Number of hooks can be increased ad libitum. In this way, rope tying points can be changes optionally. Scale is made of steel material. Special manufacturing in requested sizes is possible.



4-Hydraulic Valve: It is safety valve that can be used by remote control. It is tied in tanks by special block flanges. Valves are made in 2" and 3" sizes. The flange section is made of cast steel and the other parts are made of alloyed steel. Sealing jaw is manufactured of chromium materials. Sealing components comply with LPG standarts.



5-Sorter Control Panel: Hydraulic-pneumatic power units and circuits used in LPG installations and truck tankers are designed to needs and requests. Safety is provided by using materials complying with standarts in units. There is no spare part problem. Special manufacturing according to customer's requests is possible.

(The finish form of the following product is going to be sent to you in photigraph. This photograph is the manufacturing Picture and never will be allowed to be used in Catalogue.)



OUR CERTIFICATES

- Turkish Lloyd
- Industrial Registry Certificate
- Capacity Report
- Brand Registration Certificate
- K2 Authorization Certificate
- Resource Competency Certificate
- PQR Electrode (certified by Bureau Veritas)
- PQR Submerged Arc Welding Certificate (certified by Bureau Veritas)
- PQR Competency Certificate (certified by Bureau Veritas)



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