

# MRL LPG3

MARAL 3 AXLES LPG GAS TANKER SEMI TRAILER

TRANSPORTATION COMFORT



# MARAL

3 AXLES LPG GAS  
TANKER SEMI TRAILER

MARAL TRAILER  
SINCE 1988

- **Chassis Construction:** Chassis and other metal pieces are made of high - strength steel (S500MC) with special automatic Co2 argon welding machine.

- **Tank Construction:** Made of 10 and 12 mm P460NL2 and P355NL2 steel according to EU Standard  
Made of 14 mm A516Gr70 steel based on American standard

- **Braking System:** EBS System (Electrical Anti Block Brake System) with RSP (Roll Stability Program) Disc and Drum, Knorr® / Wabco® (germany) Two double acting diaphragm brake chamber per axle.



## TECHNICAL DESCRIPTIONS:

- **Suspension and axles:** 3×9 ton EU standard disc brake or drum brake, front lift axle

- **Painting:** Shot blasted, according to SA2/5 and washed by special material, painted with a layer of epoxy primer and of polyurethane final coat

- **Electric System:** 7 and 15 Pole quick release connector, Austrian Pair of 24 volts rear light, side light and alarming system from Aspock with LED Type.

- **Axle/ Suspension:** axle with air bags cylinder air suspension system with special shock absorber Lower and Rise Capability of Trailer

- **Landing Legs:** Static Capacity 50 Tons & Dynamic Capacity 24 Tons (JOST) Germany

- **King pin:** 2 Inch JOST king pin made in Germany

- **Tires:** 6 pieces 385/65R22.5

- **Rim:** 6 pieces rims 22.5 × 11.75 tubless

- **Valves:** Charge and discharge valves according to National Iranian Gas Company

- **Accessories:**  
Trailer park lock system  
Automatic front lift axle  
60 Lit Water tank  
Fix Rear bumper  
Toolbox  
Spare tire holder  
Plastic chock  
Holder for fire extinguisher  
6 pcs mud guards and 2 mud flaps

- **Options:**  
Chemical and mechanical analysis test of plates  
Visual test during work, input and output phases  
Holding standard and certificate of welding inspection and dimensional control and hydrostatic  
liquid penentrant, ultrasonic and radiographic testing  
Optional rims and spare Tires



### TECHNICAL SPECIFICATIONS:

|  |                              |                  |                                    |
|--|------------------------------|------------------|------------------------------------|
| King pin load                            | 11500 kg                     | Outside width    | 2550 mm                            |
| Axle load                                | 27000 kg                     | Overall height   | 3600mm                             |
| Tare weight                              | 11800 kg                     | Overall length   | 12050mm                            |
| Pay load                                 | 33000 kg                     | Body volume      | 48500 LITRE                        |
| 5th wheel                                | 1150 - 1200 mm               | Chassis material | S500                               |
| Truck type                               | Designed for 6 wheels Trucks | Body length      | 11650mm                            |
| Axle spread                              | 1310 mm                      | Working pressure | 17.5 Bar                           |
| Wheelbase                                | 7480mm                       | Testing Pressure | 25 Bar                             |
| Rear overhang                            | 2825mm                       | CAP              | 12mm Elliptical P355 GH            |
| Centre of rear axle to rear edge of body | 1515mm                       | Shells           | 9mm P460 NL2 OD=2400mm & OD=2250mm |

