



“SKID MOUNTED” L.P.G. FILLING PLANT Mod. 3LP/C2/5

This SKID MOUNTED L.P.G. filling plant is designed and built in order to work with or without electric supply. Two pumps are installed on the skid, and directly coupled, one to EExd electric motors, the other to a Diesel engine. Each pump will be able to fill 2 cylinders contemporaneously from 3 to 25 Kg. The cylinder's weight is, moment by moment ascertainable by the scale's dials until the right weight is reached. The skid dimensions are suitable for the standard truck's flatbed installation.

L.P.G. FILLING GROUPS including:

Diesel motor “Lombardini” type 4 kw (head starting system), directly coupled to...
 TBA 307 L.P.G.Pump, head 160 m.l.c., delivery 50 l/min., everything installed on iron base.
 Electric motor explosion proof CV5,5 - 4kw - 4 poles - 380V directly coupled to...
 TBA 307 L.P.G.Pump, head 160 m.l.c., delivery 50 l/min., everything installed on iron base. The group is by-pass connected to the “Diesel” system.

FEED MANIFOLD suitable to accept n°2 feeding points, including:

Relief valve NP40 ND15 + relief line complete.
 Pressure gauge (range 0-25 bar) with holder valve.
 Safety valve liquid phase setted at 17,65 bar.
 Ball valves “fire safe” galvanized type NP40.
 Basket filter NP40.
 Ball valves “fire safe” galvanized type NP40.
 Excess flow valve galvanized type NP40.

N°2 SCALE'S GROUP including each:

Scale mechanical type vertical installation, dial 55x55 cm. including poliethilene protection. Max weight 80 Kg. min. accuracy = 20 gr.
 Gas plier suitable for cylinder angle type.
 Flexible hose L = 2 mt. ø ½”.
 Ball valve fire-safe galvanized NP40 ND15.

EEx-d ELECTRIC PLANT

including:
 Explosion proof box.
 Start-stop switches.
 Flexible conduit with coupling -
 Conduit seal - Conduit fitting -
 Electromagnetic switches with overload protection.

L.P.G. TANK CAPACITY 5 Cu.M.

with all accessories:

- External diameter 1200 mm.
- Design temperature -10 +50°C
- Design pressure 17,65 bar
- Total lenght 4700 mm.
- Height 1700 mm. (without skid)
- Estimate weight 1020 Kg