



<http://www.3lpgas.com> - 3L.P. GAS s.r.l.  
 Fax 039 0524 525456  
 Phone 039 0524 527766  
 Via Bologna 14 - 43036 FIDENZA (PR) - ITALY  
 e-mail: [3lpgas@polians.it](mailto:3lpgas@polians.it)

**“SKID MOUNTED” L.P.G. FILLING PLANT Mod. 3LP/B2**

This SKID MOUNTED L.P.G. filling plant is designed and built in order to work everywhere without any connection or civil work needs in site except for the electric supply connection only.

The pumps (one working + one in stand-by) are installed on the skid, and directly coupled, to EExd electric motors. The plant is ready to be connected with the storage tank. The 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:

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.  
 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 stand-by connected to the pump group n°1 & n°2.

**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.  
 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.