

## UnQondo - Grass Fire Fighting Skid Units - High Pressure

### GENERAL

The unit is designed to provide **First Response Fire Fighting** to property and save life essentially where no Fire fighting services are available at short notice.

The unit shall be mounted onto a 1 ton LDV without the need for any special equipment.

### SYSTEM LAYOUT

The mechanical system shall mount to a steel base of 5 mm thick. The ends shall be turned at 90 Degrees in order to provide rigidity. Double V Belts & pulleys are used to couple the Engine to the Pump.

A safety off loader valve shall be fitted to provide regulation of the system operating pressure and pressure relief. A Pressure Gauge is fitted to the Pump.

### CONTROLS

All controls and operation shall be on the **off side** of the vehicle.

|                     |                                                                                                                                                                           |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Engine</b>       | Petrol Driven , 4 Stroke,8 Hp, OHV, 5.3 Kw, Pull Start, Low Oil Alert                                                                                                     |
| <b>Pump</b>         | HP Piston Type, s/s Plungers, Cast Brass Head assy, Air Chamber s/s, Ball Bearings on Crank Shaft, flow 40 L /min at 40 Bar                                               |
| <b>Tank</b>         | 650L, LDPE – UV Stabilised, Stepped Type, Baffle fitted, 8 mm Wall thickness, Black Pigmentation internally, Manhole & Cover -150 mm, Hydrant Filling connection provided |
| <b>Nozzle</b>       | Aluminium Alloy, HP Pistol Type, adjustable Jet / Spray,40 Bar                                                                                                            |
| <b>Hose Reel</b>    | Horizontal "A" Frame Type, HP 40 Bar, Swivel Joint from Pump to Reel, Handle for Reel, Nylon Backed Pillar Blocks fitted                                                  |
| <b>Hose</b>         | Cotton Braided 180 Bar WP, Crimped ends,10 mm ID, 18 mm OD                                                                                                                |
| <b>Tank Filling</b> | Hydrant Filling with 65mm BIC Coupling and Valve fitted to Tank                                                                                                           |
|                     | Open water filling by means of venture Type Suction                                                                                                                       |
| <b>Finish</b>       | All Metal components are Plated and protected from Corrosion                                                                                                              |



### **Unqondo Grass Fire Fighting Skid Units - Hi Pressure**

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|----------------------------------------------------------------------------------------|-------------------------------------------------------------|
| Data Sheet                                                                             | Grass Skid Unit – HP                                        |
| Ref                                                                                    | Skids 07/2009-Rev 0                                         |
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