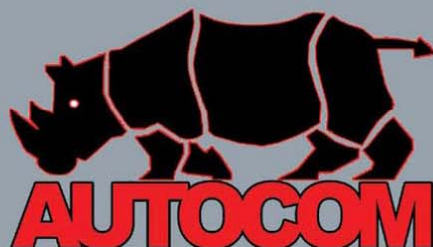


# Aviation Fuel Bowzer



## Features:

- ★ For overwing fueling of light aircraft and helicopters
- ★ Certified by renowned European company. NFPA 407 compliant
- ★ Aluminum alloy tank of 4500 liter capacity



## Manufactured by:

Automobile Corporation of Pakistan  
14-Dockyard Road, West Wharf  
Karachi, Pakistan.

Phone: +92212205240 Fax: +92212310629



**Dispensing system:**

- SAMPI 2" positive displacement rotary vane pump with internal bypass and strainer. Pump has suction capability
- Velcon filter monitor with differential pressure gauge
- Automatic air eliminator
- Mechanical flow meter with preset
- Hose reel (single wrap)
- 1.5" aviation hose, 20 m long
- Automatic nozzle

**Tank:**

- 4,500 liters + 3% ullage single compartment with reinforcing baffle
- Tank material is Aluminum alloy 5000 series
- Built as per UN-ADR standard, hydrostatically tested to 5 psi pressure

**Other fittings:**

- Rear ladder and platform with bumper
- Guardrail, handrail and anti-skid walkway provided at tank top
- Hose container provided for storage of suction hose
- Mudguards

**Safeties:**

- Vehicle brakes are automatically engaged when fuel compartment door is opened
- In case of fire or other emergency; an emergency override switch is provided. By operating this switch vehicle brakes are released, PTO is disengaged and bottom valves are closed thus enabling the driver to immediately drive the bowzer to safety
- Battery isolation switch provided
- Fire extinguisher installed in the equipment compartment
- Gas freeing holes provided for gas freeing before repair
- All electrical equipment on tank and fueling system is fire proof or intrinsically safe
- Electrical bonding of all equipment to ensure safety

**Tank fittings:**

- Imported manhole covers with inspection hatch
- Pneumatically operated 3" vent valve (interlocked with bottom valve)

**Optional items:**

- Liquip intrinsically safe overflow protection system
- Liquip pneumatically operated 3" bottom valve
- Liquip pneumatically operated 1" internal valve for drain from tank sump



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14-Dockyard Road, West Wharf, Karachi, Pakistan. Phone: +92212205240 Fax: +92212310629  
 web: [www.acpl.com.pk](http://www.acpl.com.pk) email: [contact@acpl.com.pk](mailto:contact@acpl.com.pk) [www.facebook.com/autocom](https://www.facebook.com/autocom)

