

Tactical Water Bowser & Distribution System

CAPABILITY SHEET · BAFFLED TANK · PUMP & DRAFTING · DISTRIBUTION · ENGINEERED TO ORDER

THE ONE IDEA

PRINCIPLE	The full tank is not the dangerous one. The half-empty one is, and half-empty is where the vehicle spends most of its working life, drawn down delivery by delivery through the day.
WHY BAFFLES	A partly full tank lets its load slosh and surge with braking, cornering and acceleration. Baffles break the free surface into smaller, damped cells, tamed at every fill level, not only when full.

THE SYSTEM

DRAFT & DISTRIBUTE	A single self-priming pump drafts water in from a source through a suction strainer, and delivers it back out through hose reels, taps or a spray bar - one machine, run in two directions.
DUTY & HYGIENE	Drinking supply, dust suppression and a first response to fire are not interchangeable duties for the same water. A flushing and cleaning provision protects drinking supply whenever the vehicle's duty changes.
WHO DOES WHAT	Neometrix engineers and integrates the tank, pump and distribution system, and the mounting that fits it to the chassis. The tactical chassis is bought in or specified by the customer.

CONFIGURATIONS

POTABLE BOWSER	Built throughout for drinking-water hygiene, with taps and fittings chosen to keep the whole path food-contact safe.
UTILITY TANKER	Built around a spray bar and general-purpose outlets, for water that is never meant to be drunk.
MULTI-ROLE	Both kinds of outlet on one vehicle, with a flushing procedure between duties so drinking supply is never put at risk.

STANDARDS & SCOPE

STANDARDS	IS 12701, the public Indian standard for food-contact water-storage tank material, is the reference for the tank material where the duty includes drinking water.
SCOPE BOUNDARY	This is the water system fitted to a vehicle - tank, baffles, pump, drafting and distribution - not the chassis, engine or drivetrain.
STATUS	Neometrix engineers tactical water bowser and distribution systems to order, and no delivered water bowser or tanker vehicle is claimed.

DEFENCE PROGRAMMES DESK

sales@neometrixgroup.com · +91 7777 876 876 · neometrixgroup.com

Neometrix Defence Limited · E-148, Sector 63, Noida, Uttar Pradesh, India

Figures describe the system class Neometrix engineers to order and are not a quotation. Chassis, tank capacity, outlet set and hygiene plan are established against the customer's duty and chassis at design review. ISO 9001 / ISO 14001. © Neometrix Defence Limited.