

Hydraulic Rescue Tool Power Unit

CAPABILITY SHEET · STAGED PUMP · DEAD-MAN CONTROL · RELIEF · ENGINEERED TO ORDER

THE ONE IDEA

PRINCIPLE	A hydraulic rescue tool power unit is judged by how soon it is at work and how safely it lets go.
WHY IT MATTERS	A slow pump wastes the time, and a unit that cannot stop the tool or cap the pressure adds a second hazard.

THE UNIT

PUMP	A staged pump: high flow at low pressure for the approach, then force in steps as the load comes on.
CONTROL	A dead-man handle that returns to neutral on release, with non-return valves that hold the load.
RELIEF	A relief valve that caps the pressure, set to protect the hose, the couplers and the tool, and shown on the tools.
START	A petrol engine with a recoil start, tested from cold with the real tools on the hoses and meant to run in the open.

THE METHOD

ORDER	Specify, power, control, connect, start and prove. The control and the cold-start test are what a quick order skips.
LIMITS	The flow, pressure and force a unit needs come from the customer's tools and are not printed here.

CONFIGURATIONS

POWER UNIT ONLY	A portable petrol unit for the rescue tools the customer already owns.
UNIT AND HOSES	The unit with twin hoses, dry-break couplers and hose restraints.
FULL RESCUE SET	The unit, hoses and a matched spreader, cutter and ram, tested together.

STANDARDS & SCOPE

STANDARDS	Public references: EN 13204 for hydraulic rescue tool systems and ISO 7241 for dry-break couplings.
SCOPE BOUNDARY	It is the power unit: not the spreader tool, not a machinery power-pack skid, and not breathing apparatus.
STATUS	Neometrix has quoted against successive hydraulic rescue tool power unit requirements, and no delivered hydraulic rescue tool power unit 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