

Helicopter Washing Rig - Trailer Mounted

CAPABILITY SHEET · GROUND SUPPORT EQUIPMENT · DELIVERED (IAF)

THE SYSTEM

WHAT	Self-contained towable washing rig for helicopters and aircraft: water, foam, compressed air, and power on one twin-axle aviation trailer - tow to the aircraft and wash within minutes, no site services required.
STATUS	Delivered to the Indian Air Force through GeM (2022) as a Make-in-India Class-1 local supplier; configurable to any customer tender specification.
MOUNTING	Trailer-mounted (reference); skid-mounted and truck-mounted variants; larger tanks, hot-wash / de-icing and engine compressor-wash adaptations engineered to order.

KEY PARAMETERS (REFERENCE CONFIGURATION)

PUMPING	Main triplex plunger pump 3.5-8.0 GPM, 200 bar max - forged brass head, ceramic pistons, adjustable pressure, auto-shutoff; independent standby plunger pump 2.0-4.0 GPM.
WATER/FOAM	>=1,000 L food-grade stainless tank with electric quantity meter; separate 30 L cleaning-compound tank with dedicated foam pump.
AIR	Up to 2.5 hp / 50 L / 120 psi compressor with 30 m hose reel, safety and relief valves.
POWER	Silent 10 kVA (15 max) BS-compliant diesel generator, 230 V, electric start, 50 L fuel; commercial-supply changeover; RCCB/MCCB protection, PLC logic, E-stop, 75 ft earthing reel.
TRAILER	Aviation-grade 11 ft x 6 ft platform, twin fixed centre axles, 3-ton capacity, parking brakes and jack, 16-inch wheels + spare, 12/24 V 7-pin harness with overhead aviation lights.

DELIVERY & SUPPORT

DOCS	User, operator and technical manuals, safety instructions, and component parts list supplied with the rig.
SPARES	Two-year manufacturer-recommended spares list (MRLS): filters, connectors, switches, relays, MCCBs, valves, pressure gun, O-rings, seals.
COMPLIANCE	SAE, CE, ISI and BIS applied as applicable to the configuration.
TENDERS	Send your tender specification - we reply within two working days with a clause-by-clause compliance matrix and budgetary quotation.

DEFENCE PROGRAMMES DESK

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Reference configuration as delivered; all subsystems configurable to customer specification. (c) Neometrix Defence Limited.