

VALVE MAINTENANCE TRAILERS

COMPARISON CHART



COMPACT	COMPACT LX	STANDARD LX
Trailer		
7x4 single axle	9x5 tandem axle	10x6 tandem axle
50mm ball hitch	50mm ball hitch	50mm ball hitch
Cable override brakes with park and electrical brakes	Cable override brakes with park and electrical brakes	Electric brakes with brake away, and cable park brake
1800mm drawbar	1800mm drawbar	
15-inch wheel with AT tyres and spare	15-inch wheel with AT tyres and spare	15-inch wheel with AT tyres and spare
Painted finish	Painted finish	Painted finish
All LED lighting	All LED lighting	All LED lighting
1400KG ATM	2000KG ATM	3500KG ATM
		Pintle Hitch (Optional)
Engine		
22 HP Kubota Diesel 3 cylinder liquid cooled	27.6HP Perkins 20.6 KW 2.2L Diesel, 404A-22G1, 4 cylinder, 4 stroke, liquid cooled	29HP Kubota Diesel 1.1L, I-3 4-stroke, liquid cooled, IDI diesel engine EPA Tier 4F & EU Stage IIIA emission compliant
Hydraulic Raise and Lower		
Hydraulic powered raise and lowering of the ERV exercising arm that allows the arm an extra 500mm height to reach over valve surrounds and above ground mounted valves.		
(Optional)		(Optional)
90 degree rotation		
Rotating flange in the ERV arm allows the valve exercising head to be rotated 90 degrees to access horizontally mounted valves		
(Optional)		(Optional)
Auxiliary hydraulics		
Auxiliary hydraulic outlet with quick disconnects	15m spring rewind hose reel for auxiliary hydraulic power with quick disconnects	15m spring rewind hose reel for auxiliary hydraulic power with quick disconnects
	Second auxiliary hydraulic outlet with quick disconnects	
30LPM @2000PSI	30LPM @2000PSI	30LPM @ 1800 PSI
Controls		
Key start with Emergency stop		
	Digital tachometer	Digital tachometer
Engine hour meter	Engine hour meter	Engine hour meter
		Volt meter
		Vacuum gauge
		Spoils dump switch
		Spoils door switch
		Water/vacuum selector switch
Service Lighting		
	LED strobe light with two LED swivelling work lights.	Programmable arrow bar includes eight function control box with eight individual segments and two mounted LED swivelling work lights
Hydraulic System		
Direct coupled fixed displacement gear pump rated at 30 LPM @ 2000 PSI continuous duty	Direct coupled fixed displacement gear pump rated at 30 LPM @ 2000 PSI continuous duty	Direct coupled pump rated at 30 LPM @ 1,800 PSI continuous duty.
45 litre reservoir, controlled fan cooled heat exchanger, with oil level sight glass	45 litre reservoir, controlled fan cooled heat exchanger, with oil level sight glass	45 litre hydraulic reservoir with thermostatic controlled fan cooled heat exchanger.
		Instrumentation includes an oil level gauge, temperature gauge, pressure gauge and selector valve switching to a HTMA class II auxiliary hydraulic circuit.

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Fuel Tank		
40L with sight glass	100L Digital gage on control panel	45L Digital gage on control panel
Vac pump		
Clutch operated, dual belt drive, positive displacement rotary lobe (Roots Type) blower. Vacuum performance of 500 CFM [14 CMM] @ 11 inches of Hg [37.2 kPa] produces conveying velocity rating of 10,185 FPM [3,104 MPM] through 76 mm hose		
		✓
Pressure Washer		
Clutch operated, dual belt drive, 9.4LPM @ 3,000 PSI pump. 11 litre antifreeze tank with two position selector valve.		
		✓
Debris Holding Tank		
946 litre holding capacity. Top hinged full opening dump door with twin hydraulic remote operation door latches, sure seal square gasket, vacuum break valve, [152 mm] mechanical ball shut-off, and [76 mm] dump valve.		
		✓
Filtration		
Staged filtration consisting of a heavy material drop out debris tank and a self-contained multi-stage filter canister with a 10 micron polyester reusable cartridge. All filters washable and reusable.		
		✓
Dumping		
Twin cylinder, electric over hydraulic dump system, powered by Monarch HPU. The slide and tip system moves the tank out before tilting to clear the truck/trailer bed for dumping, then lifts to 55 degrees to drop debris		
		✓
Hose and Wands		
3' x 20' [76 mm x 6 m] suction hose with 2-1/2" [63 mm], 1 1/4" [31 mm] and 7/8" [22 mm] x 8' [2.4 m] long steel suction wands. 50' hose on spring rewind hose reel uses quick disconnects to change between the [2] included wands; one with a zero degree nozzle for digging and 45 degree, fan wash down "Shorty" wand.		
		✓
Water Tank		
90 gallon [340 L] clean water holding tank with 8" [203 mm] fill neck		
		✓

