

ecowash excel plus +



High performance, high-pressure spray wash system

A mid-range popular model in the Ecowash range, operating on a closed loop system effectively recycling the water it uses.

The Excel is a robust model made up of a 13.12' wash platform with optional 9.84' ramps and a water recycling tank capacity options starting from 2,642 gallon, all constructed from heavy duty steel and operating in a closed loop system, eliminating the need for an operator as well as an automatic sensor on entry and exit allowing the wash to be activated more efficiently only when a vehicle is present.

The platform has 11 strategically placed water delivery pipes, spraying narrow fans of water with up to 58 PSI pressure at a targeted location on each tire. To reduce the occurrence of striping, nozzles are placed in a staggered position ensuring the whole tire is cleaned effectively in one-wheel rotation. The standard spray pattern is configured to minimise overspray, combined with galvanized side screens to ensure water stays in the system to be recycled.

Key Points

Galvanized internal removable grids make this the easiest model to maintain and comes with optional exit and entry ramps to suit various tires of vehicles.

- Heavy-duty, effective cleaning
- Automatic ultrasonic entry & exit sensors
- Settlement tanks starting at 2,642 gallons
- Closed loop system
- Easy to maintain and clean
- Can resist 22,046 pounds per axle as standard
- 4" bauer fittings and butterfly valves to settlement tank chambers complete with bauer couplings
- Separate double door control cabin with light, locks, vents and flashing beacon.
- IP54 Control panel
- 14.75 HP Centrifugal wash pump
- 3 way sloping floor
- 5.4 HP waste water recovery pump
- Sand blasted and powder coated paint finish to pumphouse and settlement tank



UP TO 58 PSI



40AMPS, 40KVA



WATER RECYCLING
2,642 G



1 WHEEL
REVOLUTION



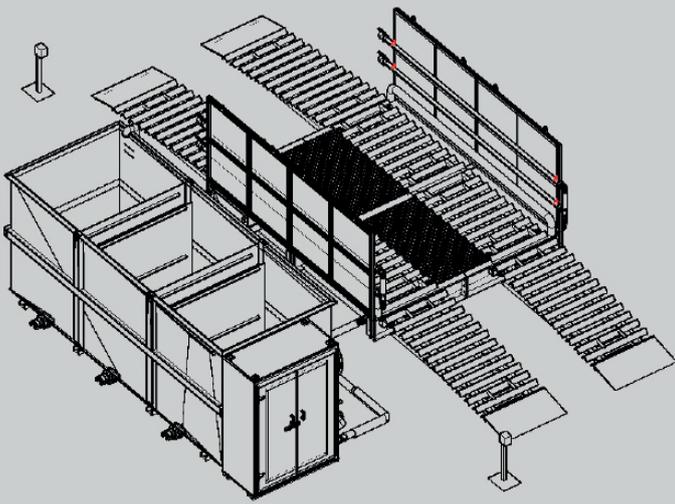
MOBILE



NO OPERATOR



EASY
MAINTENANCE



Specifications

Sections	Sizes
Wash Platform	13.12' x 11.48' x 1.25' 5,732 lbs
Side Screens	4 Each / 6.56' x 4.92' x .15'
Ramps	9.84' x 3.28' x 1.4' 200 lbs (each)
Wash Pump	14.75 HP, 555 gal / min
Recovery Pump	5.3 HP
Settlement Tank	17.39' x 6.9' x 6.58' 5,512 lbs, 5,018 Gal Capacity
Pump Control Cabin	5.25' x 6.56' x 2.66' 1874 lbs
Power Requirement	400v, 3Phase 40amps, 40Kva
Handlance and Hose Reel	98' included
Sensors	Ultrasonic, entry & exit



Unique, effective spray design



Surface mounted sump for easy maintenance



Unique washdown & removable grids



Galvanized side-screens, ramps & grids

Customer Requirements

- Clear lifting zone for offloading with truck mounted crane
- Compacted level hardcore or concrete / tarmac base for the system and associated ramps and tanks
- Provision of at least 2,642 gallons of water at time of installation / commissioning
- Suitable qualified electrician to hardwire the mains or generator cable and nominated site personnel to be available for training

Additional Information

We supply:

- Free of charge consultations
- Technical drawings & lifting plans
- Maintenance contracts for purchased units
- Technical support from trained and experienced engineers



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