



ALPHA 500

SINGLE BRUSH, MOBILE WASH SYSTEM



ALPHA 500, SINGLE BRUSH

MOBILE WASH SYSTEMS

The Alpha 500 offers an efficient, budget-friendly upgrade from manual vehicle washing. Designed with a user-friendly steering bar and hydraulic drive wheel, it's easy to operate and highly maneuverable for any user.

Choose from two power options:

- Alpha 500 D, with a high-performance diesel engine for reliable outdoor performance
- Alpha 500 E, powered by a 24V battery-powered electric motor, ideal for both indoor and outdoor use.

Your equipment will be delivered and assembled by trained technicians, and operators can be fully trained in under an hour. The Alpha 500 is the smart choice for streamlining your fleet wash process and significantly reducing labor demands.



OPERATION MODES

The operator's drive system can be walk-around, on board or seated.



COMES STANDARD
OPERATOR WALKS BEHIND THE
MACHINE



OPTIONAL UPGRADE
PLATFORM FOR OPERATOR TO
STAND ON BOARD



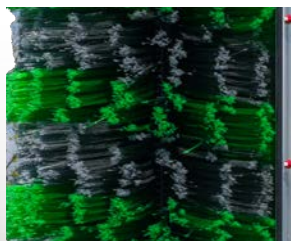
OPTIONAL UPGRADE
SEAT FOR OPERATOR TO SIT ON
BOARD

GOOD IN ANY WORKING ENVIRONMENT

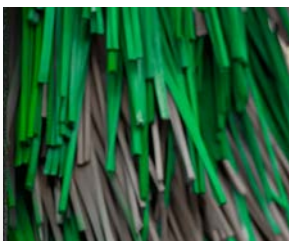
A POWERFUL YET GENTLE DAILY WASH

Soft yet durable brushes clean the entire vehicle's surface area without damaging any surfaces or finishes on the vehicle, even after an extended number of uses.

BRUSH MATERIAL OPTIONS:



1MM THICK
STRANDS OF
POLYETHYLENE
THREAD



NON-WATER
ABSORBING, ULTRA
SOFT FOAM



OPERATOR DASHBOARD



ALPHA 500 E



ALPHA 500 D

TECHNICAL DATA

	ALPHA 500 D	ALPHA 500 E
ENGINE	DIESEL HP 6.5	ELECTRIC
ENGINE FUEL	DIESEL	24V BATTERY
FORWARD TRAVEL	VARIABLE SPEED MOTOR	
FUEL CONSUMPTION	.25 GAL/HR	40 - 80 AMP/HR
FUEL CAPACITY	1 GAL	100-320Ah
START	ELECTRIC	ELECTRIC
WATER TANK CAPACITY	132 GAL	132 GAL
DETERGENT TANK CAPACITY	6.6 GAL	6.6 GAL
WATER CONSUMPTION	6.5 GAL/MIN	6.5 GAL/MIN
WATER PRESSURE	43.5 PSI	43.5 PSI
HYDRAULIC FLUID TANK	2.6 GAL	
BRUSH DIAMETER	39"/43"	39"/43"
BRUSH INCLINATION	15° / 20°	15° / 20°
WEIGHT	1213 LBS	1300LBS
NOISE	< 85 DB (A)	< 76.5 DB (A)
HEIGHT OVERALL	169"	169"
WIDTH	56"	56"
LENGTH	90"	90"
WASH HEIGHT *	162"	162"

* Taller or shorter wash height available upon request



SYSTEM FEATURES

The Alpha 500 is a single-brush mobile wash system for cleaning trucks, buses, tarpaulin trucks, tanks and special vehicles.

Standard features include:

- Choice between single-cylinder diesel engine (Alpha 500 D) or an electric system with 24V batteries on board (Alpha 500 E).
- A rotary brush with a variable inclination of 20° for a thorough cleaning of all inclined surfaces of the vehicles.
- Emergency off switch.
- Automated brush tilt and rotation selector switches.
- Adjustable levels of detergent usage.



DIESEL ENGINE, 6.5 HP



24V BATTERY



**SINGLE BRUSH, 162" TALL
POLYETHYLENE THREAD**



**MOBILE OPERATION
CENTER**



**HYDRAULIC TRACTION
WITH VARIABLE SPEED**



**MANUAL DETERGENT
ADJUSTMENT VALVE**



**SMALL FOOTPRINT FOR
EASY STORAGE**



**132 GALLON ON-BOARD
WATER TANK**



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