



ABZ INNOVATION C30

HIGH-PRESSURE SOLUTIONS

2026

Compatible Power Units,
Nozzles & Accessories

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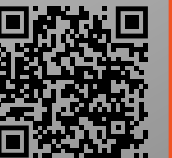
**WE
BUILD
DRONES.**



C30

ADVANCED HIGH-PRESSURE SOLUTIONS

FOR C30



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INNOVATION'S CUTTING-EDGE TECHNOLOGY.



TAKING INDUSTRIAL CLEANING POWER TO THE NEXT LEVEL

The ABZ Innovation C30 drone is a high-value technological solution that fundamentally changes how we clean hard-to-reach surfaces. By delivering a precise, high-pressure water jet directly from the air, the C30 eliminates the steep costs and severe hazards associated with scaffolding, cranes, and industrial rope access. The result is a revolutionary leap in occupational safety and a drastic reduction in project lead times.

ADVANCED HIGH-PRESSURE SOLUTIONS FOR C30

High-Pressure systems

When selecting a high-pressure washing unit for the ABZ Innovation C30 drone, operational focus centers on achieving the optimal balance between working pressure, water flow rate, and cost-effectiveness.

PRIMARY RECOMMENDATION (MAXIMUM PERFORMANCE)

Wheel Jet 30 E

(Electric)

Top of its class, delivering 30 l/min flow rate at 500 bar pressure. Designed for specialized industrial applications, ensuring maximum area coverage and impact force.

- ▲ **Operating Pressure:** 50–500 bar (725–7250 psi)
- ▲ **Flow Rate:** 9–30 l/min (2.4–7.9 gpm)
- ▲ **Power:** 30 kW pump power (36 kW engine, 400 V / 50 Hz, 63 A supply)
- ▲ **Weight:** 510 kg (1124 lbs)



COMPATIBLE ELECTRIC SYSTEMS

Wheel Jet 15 E

Heavy-duty industrial electric pressure washer built for continuous intensive cleaning.

Ideally suited for intensive industrial use, the Wheel Jet 15 E combines high flow capabilities with extreme pressure up to 500 bar (7250 psi). Its powerful 18 kW motor and substantial weight provide the stability and force necessary for large-scale cleaning projects and surface preparation.



- ▲ **Operating Pressure:** 50–500 bar (725–7250 psi)
- ▲ **Flow Rate:** 5–15 l/min (1.3–4 gpm)
- ▲ **Power:** 15 kW pump power (400 V)
- ▲ **Weight:** 290 kg (639 lbs)

Aquaspeed 1100W

Compact industrial washer designed to strip away tough deposits at extreme pressure.

The Aquaspeed 1100W is engineered for heavy-duty industrial applications requiring extreme pressure. Delivering up to 500 bar (7250 psi), this unit is built to strip away the toughest deposits. It features a high-performance electric motor and a robust frame, ensuring stability and longevity under demanding conditions.



- ▲ **Operating Pressure:** 50–500 bar (725–7250 psi)
- ▲ **Flow Rate:** 5–18 l/min (1.3–4.8 gpm)
- ▲ **Pump power:** 15 kW (20.1 hp) (400 V)
- ▲ **Weight:** 200 kg (441 lbs)

NON-ELECTRIC & PREMIUM ALTERNATIVES

Wheel Jet 18 P

High-Performance Petrol Washer

The Wheel Jet 18 P is the ultimate solution for mobile heavy-duty cleaning. Powered by a robust 2-cylinder petrol engine with electric start, it delivers 500 bar (7250 psi) of pressure without requiring an electrical connection. It is designed for the most rigorous off-grid cleaning tasks.

- ▲ **Working pressure:** 100–500 bar (1450–7250 psi)
- ▲ **Flow rate:** 14–18 l/min (3.7–4.8 gpm)
- ▲ **Engine power:** 26.1 kW engine
- ▲ **Weight** 250 kg (551 lbs)



Trail Jet 30

Diesel / Combustion

This premium off-grid powerhouse operates completely independent of external power grids, providing maximum mobility for heavy-duty cleaning tasks. Representing a significantly higher price category, it is specifically designed to be the ideal solution for remote sites and field demonstrations where electrical connections are unavailable.

- ▲ **Operating pressure:** 500 bar (7250 psi)
- ▲ **Flow rate:** 30 l/min (8 gpm)
- ▲ **Power Source:** Combustion (Diesel)
- ▲ **Weight:** 1630 kg (3594 lbs), 120 kg (265 lbs) support load



HIGH-PRESSURE SYSTEM COMPARISON



Model	Wheel Jet 30 E	Wheel Jet 15 E	Aguaspeed 1100W	Wheel Jet 18 P	Trail Jet 30
Power Source	Electric (400 V / 63 A)	Electric (400 V)	Electric (400 V)	Petrol (E-start)	Combustion (Diesel)
Operating Pressure	50–500 bar	50–500 bar	50–500 bar	100–500 bar	500 bar
Max Flow Rate	30 l/min	15 l/min	18 l/min	18 l/min	30 l/min
Weight	510 kg	290 kg	200 kg	250 kg	1630 kg (120 kg support load)
Primary Application	Max Performance	Intensive Industrial Cleaning	Compact Heavy-Duty Cleaning	Off-Grid Operations	Off-Grid Premium / Field Demos
Ideal Nozzle Size	060	030	030	035	060

NOZZLES

FOUR PRIMARY NOZZLE TYPES ARE RECOMMENDED FOR C30 DRONE OPERATIONS.

IMPORTANT SIZING NOTE: All four nozzle types look identical in external appearance. However, each washing unit requires a specifically sized internal nozzle calibrated to its exact flow rate and operating pressure. **This internal sizing customization does not alter nozzle pricing.**

Flat Spray Nozzle

Wider spray pattern for rapid coverage and fast operation.

Optimized for applications where surface contamination is light to moderate and easily removable. The wider spray pattern ensures rapid coverage and faster operation speeds, making it the ideal choice for efficient rinsing and large-area maintenance.

 **Max Pressure:** 500 bar (7252 psi)



Solid Stream Nozzle (0°)

Concentrated stream maintaining high impact force over long distances.

Designed for scenarios requiring high-impact cleaning from a safe distance. This nozzle maintains a concentrated, effective water stream over a longer range, making it perfect for targeting precise areas where close-proximity flight is restricted or hazardous.

 **Max Pressure:** 500 bar (7252 psi)

Single-Point Rotating Nozzle (600 bar)

Ultra-High Pressure Durability

This heavy-duty rotary nozzle functions similarly to the standard models but is engineered specifically for extreme conditions. Above 500 bar (7252 psi), this unit is manufactured exclusively with a full metal housing. While slightly heavier than the composite versions, this robust construction ensures maximum durability and safety at 600 bar (8702 psi) working pressure.

 **Max Pressure:** 600 bar (8702 psi).

 **Max Temperature:** 100°C (212°F).



4-Point Rotor Head

Lightest 4-point rotor on the market. Covers large areas

The rotor creates a continuous water film by dividing the high-pressure stream into four separate jets. This design is less aggressive on surfaces than single-point nozzles but covers a significantly larger area, drastically increasing efficiency. It is effective on almost all surface types, excelling in the removal of large, continuous layers of residue (e.g., paint removal) rather than deep-seated singular spots.



Operating Range: 100–1500 bar | 10–30 l/min



Application: Large continuous layers (e.g., paint and coating removal).



SYSTEM ACCESSORIES

Filter cartridge for filter unit 30 standard

Ensures continuous, clean water feed to protect high-pressure pumps and nozzles from debris and clogging.



Components: High-capacity fine filters, durable ball valves, and supply hoses calibrated for 30 L/min flow.



C30



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