Clean Storm 20221468, 2000 psi 4 Gpm Cold Pressure Washing Cart 230 volt 3 Phase 15 Amps



Model Number: 20221468

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Manufacturer: Clean Storm

Clean Storm 20221468 Cold Pressure Washer Cart 2000 PSI 4 GPM 230V 3-Phase Steel Frame
Description
The Clean Storm 20221468 cold pressure washer cart provides 2000 PSI at 4 GPM, powered by a 5 HP 230V 3-phase electric motor for commercial cleaning. Engineered with a heavy-duty tubular steel frame, industrial triplex ceramic plunger pump, and 10-inch pneumatic tires, this heavy-duty portable washing cart delivers long-lasting power and smooth mobility across demanding job sites.
Features

• Heavy-Duty Frame Construction: Built with high-strength tubular steel and an industrial protective coating to resist corrosion, rust, and harsh environment wear.
• Industrial Triplex Plunger Pump: Features precision ceramic plungers, stainless steel valves, and mechanical thermal protection for continuous-duty operational reliability.
• Totally Enclosed Electric Motor: Heavy-duty 5 HP, 230V 3-phase electric motor equipped with thermal overload protection against electrical surge damage.
• Dual Pressure Safety System: Integrated unloader valve paired with a secondary pop-off safety relief valve prevents over-pressurization.
• Downstream Chemical Injector: Low-pressure detergent injection system enables easy application of liquid cleaning concentrates via low-pressure soap nozzles.
• Enhanced Job-Site Portability: Outfitted with two robust 10-inch tires and an ergonomic handle design for easy maneuvering across rough surfaces.
• Complete High-Pressure Hose Package: Includes a commercial-grade 50 ft x 3/8 in high-pressure wire-braided hose and a 10 ft power cord.

Applications

• Commercial Facility & Workshop Maintenance: Ideal for degreasing machinery, concrete flooring, vehicle fleets, and industrial equipment.
• Agricultural & Livestock Facilities: Efficient cleaning of barns, pens, tractors, trailers, and heavy agricultural implements.
• Food Processing & Bottling Plants: Suitable for indoor or outdoor washdown applications requiring continuous cold-water high-pressure cleaning.
• Construction Sites & Property Management: Effectively removes dirt, mud, scale, and grime from masonry, sidewalks, scaffolding, and site equipment.

Specifications

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Brand
Clean Storm

Model / Part Number
20221468 (20220138)

Water Type
Cold Water

Power Source
Electric Motor

Mounting / Frame Type
Portable Cart / Heavy Tubular Steel with Industrial Coating

Operating Pressure
2000 PSI / 138 Bar

Flow Rate
4.0 GPM / 15.2 LPM

Horsepower
5.0 HP

Electrical Requirements
230 Volt / 15 Amp / 3-Phase

Motor Type
Totally Enclosed Fan-Cooled (TEFC) with Thermal Overload Protection

Pump Type
Industrial Triplex Plunger Pump with Ceramic Plungers & Stainless Valves

Pump Thermal Protection

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Mechanical Thermal Relief Valve

Max Pump Inlet Water Temp
160°F (71°C)

Chemical Injection System
Low-Pressure Downstream Detergent Injector

Hose Specification
50 ft x 3/8 in High-Pressure Wire-Braided Hose

Power Cord Length
10 ft Commercial Grade Cord

Tire Size & Type
Dual 10 in Heavy-Duty Tires

Product Dimensions (L x W x H)
37 in x 23.5 in x 36 in

Shipping Weight
215 lbs

Cross-Reference SKUs

20221468

20220138

CS-20221468

CS20221468

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CS-20220138

CS20220138

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Tips and Additional Information
Pre-Installation & Electrical Verification: Before connecting, ensure your power supply matches the specific 230 Volt, 3-Phase, 15 Amp electrical requirement. Three-phase motors must be wired by a qualified electrician to ensure proper rotation and prevent reverse phase operation.
Water Supply & Inlet Temp Guidelines: Supply the pump with clean, sediment-free cold water. Never exceed the maximum inlet water temperature rating of 160°F, as excessively hot inlet water can cause thermal degradation of pump seals and packing assemblies.
Detergent Injection Operation: The downstream chemical injector operates exclusively at low pressure. To draw soap or detergent concentrate, switch your spray wand or nozzle to a low-pressure chemical nozzle (brass or black soap nozzle).
Maintenance & Freeze Protection: Periodically check pump oil levels and change oil according to manufacturer service intervals. During winter or freezing storage conditions, purge all residual water and flush the pump with pressure washer anti-freeze to protect internal ceramic plungers and manifold seals from frost damage.
Frequently Asked Questions
Q: Can this pressure washer be powered by a standard 120V household outlet?
A: No. This unit requires a 230 Volt, 3-Phase, 15 Amp dedicated electrical circuit and cannot be operated on single-phase 120V or 230V household outlets.
Q: How do I activate the chemical detergent injector?
A: Detergent application is activated by inserting a low-pressure chemical/soap nozzle into your spray wand. The low system pressure signals the downstream injector to draw chemical solution into the stream.
Q: Can I feed hot water directly into the pump inlet?
A: The pump can accept warm water up to a maximum inlet temperature of 160°F (71°C). Exceeding this temperature will void the warranty and cause severe damage to internal pump packings and seals.
Q: What size hose and power cord come standard with this cart model?
A: The unit comes equipped with a 50 ft x 3/8 in high-pressure hose and a 10 ft commercial-grade power cord.

Equipment: Hard Surface Cleaning Supplies > Pressure Washers > Electric Cold Pressure Washers > Clean Storm 20221468, 2000 psi 4 Gpm Cold Pressure Washing Cart 230 volt 3 Phase 15 Amps

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Warranty & Safety Information
Manufacturer Warranty Coverage: Clean Storm provides limited warranty coverage against manufacturing defects in materials and workmanship under normal commercial operating conditions. The triplex plunger pump and electric motor carry individual manufacturer warranties covering structural or mechanical component failure.
Conditions Voiding Warranty & Safety Warnings:

• Operating the machine beyond the rated maximum pressure (2000 PSI) or maximum pump inlet temperature (160°F).
• Connecting the unit to improper voltage or phase configurations (e.g., operating a 3-phase motor on single-phase power).
• Running the pump dry without a sufficient incoming water supply, causing cavitation and thermal pump seal destruction.
• Allowing water to freeze inside the pump manifold, spray gun, or unloader valve assembly.
• High-Pressure Safety Hazard: Never direct the spray stream at persons, pets, or electrical components. High-pressure water discharge can cause severe fluid injection injuries requiring immediate emergency medical attention.

Availability: This product was added to our catalog on Thursday 27 January, 2022

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