

DELUX[®]



DELUX[®] BRONCO SOFT WASH SYSTEM

INTRODUCTION

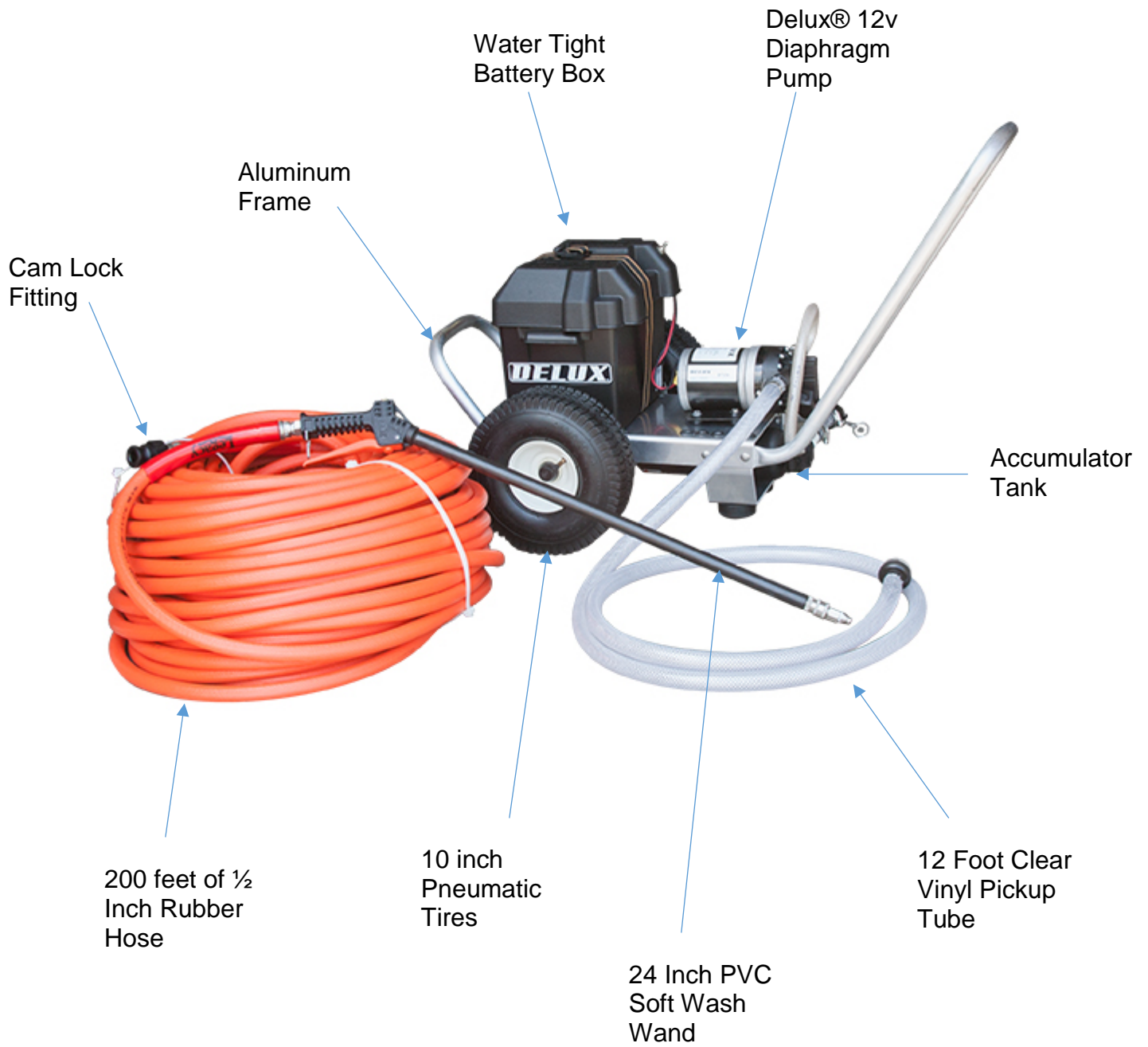
Congratulations on your choice of a Delux® Bronco Soft Wash System. We are certain you will be pleased with your purchase. This manual was created to help you get the best results from your new Delux® Bronco Soft Wash System. Please read it carefully and thoroughly to ensure that you learn to use your soft wash system safely.

Keep this manual nearby so you can refer to it as needed. If you should decide to sell your Delux® Bronco Soft Wash System, please be sure to include this manual.

We strongly encourage you to read the warranty policy for the Delux® Bronco Soft Wash System so you understand its coverage and your responsibilities of ownership. The information and specifications herein were correct at the time of publication. Delux® Cleaning Supply Inc. reserves the right to alter any design or specifications at any time without notice. If you have questions about your Delux® Bronco Soft Wash System that are not covered in this manual, please call us toll free at 1-888-42-DELUX

Thank you for your purchase.

Introduction.....	1
What's in the box?.....	4
What You Need to Get Started.....	5
Getting Started	5
Troubleshooting.....	6
CleanUp.....	6



The Bronco - Soft Wash Machine is a low entry cost - high profit potential solution for low pressure cleaning. It features a 12 volt, 7 GPM, 100 PSI, Delux diaphragm pump, and a Flojet accumulator tank.

WHAT'S IN THE BOX?

DELUX® 12 VOLT DIAPHRAGM PUMP

7 GPM, 100 PSI, Delux® diaphragm pump with a maximum temperature of 160 F.

FLOJET ACCUMULATOR TANK

The FLOJET Accumulator Tank when used with a diaphragm pump gives you the best of both worlds! High flow when you need it and the ability to restrict the flow for sensitive situations. When the pump starts, liquid enters the reservoir compressing the bladder until the maximum pressure for the pressure switch is reached then the pump shuts off. When water is demanded, pressure in the air chamber forces liquid into the system. The pump stays off until the minimum pressure is reached on the switch. Then the pump turns on, reducing cycling leading to longer switch and pump life.

CAM LOCKS

Cam locks make it easy to connect hoses quickly. No need to screw anything together.

WATER TIGHT BATTERY BOX

The water tight battery box will protect electrical components while the Bronco is in operation.

10"X16" AIRCRAFT GRADE ALUMINUM FRAME

The frame has handles on each side to make the machine easy to lift and move around the job site.

PNEUMATIC TIRES

Roll the Bronco to where you need it most.

½" X 24" PVC WAND

This chemical resistant wand allows the user to extend their reach.

½" X 200' RUBBER HOSE

This chemical resistant hose transports the bleach solution from the Bronco to the gun, wand, and nozzle.

12 FOOT CLEAR VINYL CHEMICAL PICKUP TUBE WITH A MESH FILTER SCREEN

This chemical resistant clear vinyl tube makes it easy to see if the pump is primed.

WHAT YOU NEED TO GET STARTED

A 12 VOLT BATTERY

We recommend a Group 24 DeepCycle Marine 12 volt battery with 550 cold cranking amps or higher.

A CHEMICAL MIX TANK OR BUCKET

Most contractors use a 100 gallon mixing tank.

GETTING STARTED

1. CONNECT THE BATTERY TO THE SYSTEM USING THE PROVIDED CABLES AND TERMINALS

Deep cycle batteries have a two threaded posts with wingnuts on top. Remove the wingnuts and place them off to the side. Slide the ring on the end of the black wire over the negative (-) post, and screw the wingnut down to secure it in place. Then slide the ring on the end of the red wire over the positive (+) post, and secure it with the other wingnut.

2. CONNECT THE HANDLE

The Bronco ships with the handle detached. Locate the bolts that are screwed into the frame, and remove them. Place them off to the side. Then slide the handle between the frame and the "u" shaped base until the bolt hole line up. Tighten the first bolt until it is finger tight. Then move to the bolt in the diagonal position and tighten it until it is finger tight. Repeat these steps for the remaining two bolts. Then use a wrench to tighten the bolts until they are secure and the handle does not jiggle.

3. PLACE THE PICKUP TUBE INTO YOUR CHEMICAL SOLUTION

Make sure that the pickup hose is submerged into the chemical solution.

4. CONNECT THE SHORT JUMP HOSE TO THE ACCUMULATOR TANK

The short hose has a cam lock on one end and a fitting for the accumulator tank on the other end. Place the hose into the exit port of the accumulator tank and slide the clip down until it is securely fastened.

5. UNROLL THE ENTIRE HOSE

6. CONNECT THE HOSE TO THE CAMLOCK FITTING ON THE SHORT HOSE

7. TURN THE SYSTEM ON BY FLIPPING THE SWITCH ON THE BATTERY BOX TO THE ON POSITION.

NOTE: The accumulator bridge hose adapter, trigger gun, J-rod nozzle holder with nozzles, and stainless steel quick connect for J-Rod, will be inside the battery box.

TIPS AND TRICKS

A FULLY CHARGED PREMIUM GRADE 550 CRANKING AMP OR HIGHER GROUP 24 DEEP CYCLE BATTERY SHOULD GIVE THE USER UP TO 10 HOURS BEFORE RE-CHARGING IS NEEDED.

Use a deep cycle battery charger when charging the battery while disconnected from the system. As the battery loses power there is a potential for the 30 amp fuse located in the battery box to break. It may also cause the 40/60 SPST Relay located on the head of the pump to fail. If the system does not power on, check the fuse and the relay. If the relay has failed, inspect the relay under the protective covering for burn marks or also potential rust .

BE SURE TO SPRAY FROM THE GROUND

This system is designed for spraying chemical from the ground or the gutter line of two story home. Once the nozzle is vertical above 20 feet this can cause positive pressure back to the system. This can cause a malfunction with the accumulator tank. If hesitation is noticed while the wand is elevated then this means, air or back pressure could be trapped inside the accumulator tank. Air is best removed by disconnecting the hose from the accumulator tank. This will cause any chemical in the line to drain so use caution.

UNROLL THE HOSE COMPLETELY

When using a hose reel, it is recommended to have the hose completely off the reel during use for best performance.

MAKE SURE THE PICKUP HOSE IS IN THE MIXING TANK.

Do not turn the system on until the pickup hose is drawing water/chemical.

NEVER USE POWDERED DETERGENTS

It is recommended to use this system with a mix of liquid cleaners and water only.

CLEANUP

RINSE THE SYSTEM COMPLETELY

The use of highly corrosive chemicals like Bleach, sodium hypochlorite, will damage the pump over time. It is highly recommended to thoroughly rinse the system after every use.

Use PM Bleach Neutralizer at the end of every day.