



Clever Softwash Sprayer

Usage Instructions

Water pressure at the site will dictate flow.

- At 60psi and above, you have great flow
- At 50psi flow is adequate
- At less than 50psi, you'll have flow, but the cleaning will slow down (a small boost pump can be employed to increase the pressure)
- The system has a regulator to protect from pressure above 70psi

START OF JOB

- 1) Put 7 gallons of bleach in tote
 - Add 14 oz. of sticky to tote for 1%
 - Add 7 oz. of sticky to tote for 3%
- 2) Attach tote to clever injector
- 3) Attach a garden hose to the input side
- 4) Attach a delivery hose and wand to the output side
- 5) Adjust the percentage ring to your mix ratio

WHEN USING 12.5% SH

Set by loosening the locking ring and twirling the housing to set the indicator at the appropriate number between 10 and 25 (to adjust from 1 - 3%)

- Set to 25 for 3% mix – you will get 28 gallons of solution produced at the wand from the 7 gallons of SH
- Set to 17 for 2% mix
- Set to 10 for 1% mix – you will get 70 gallons of solution produced at the wand from the 7 gallons of SH

WAND TIPS

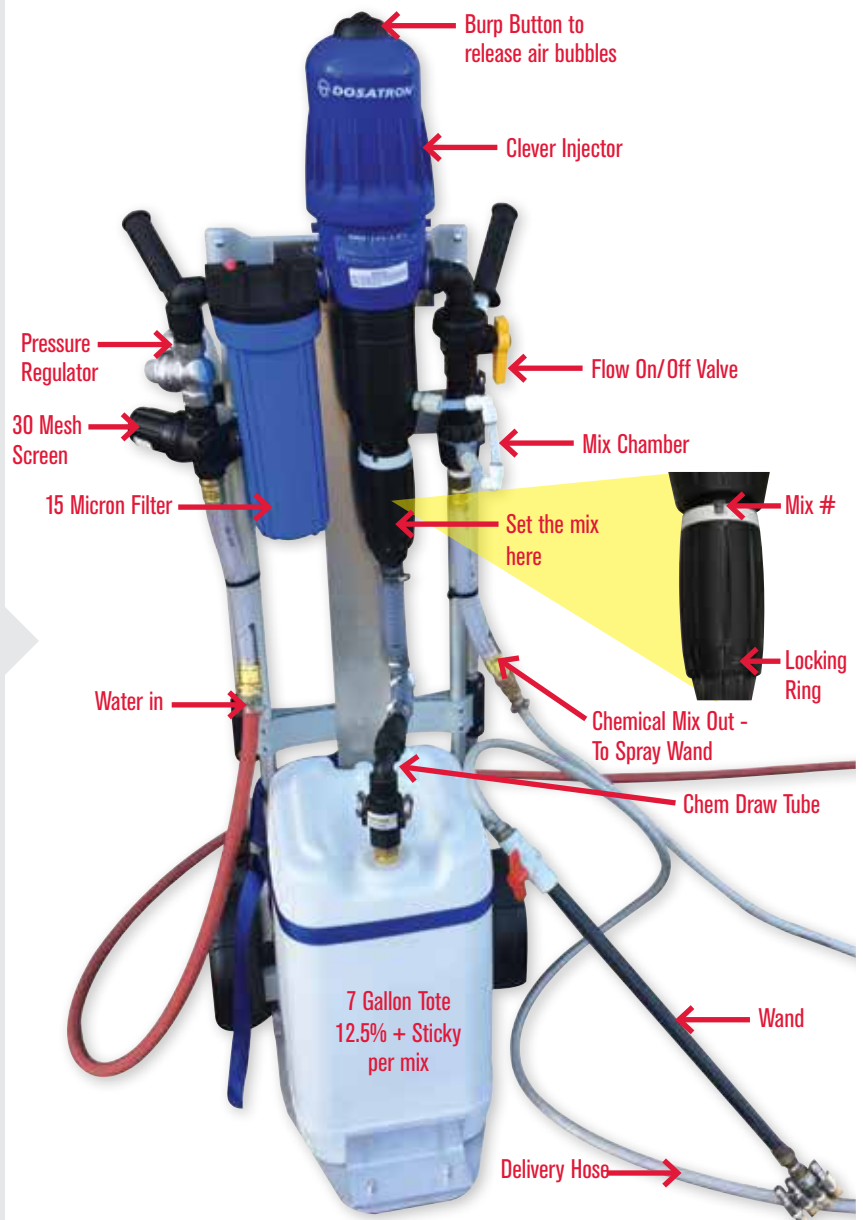
- 30 Straight Tip will shoot higher
- 40 Fan Tip water flow is great

START CLEANING

- 1) Turn on the water
- 2) Press the black button on the top of the clever injector to burp air out of blue doser (do this every now and again as a habit)

ONCE YOU ARE DONE

Clear water rinse by disconnecting the draw tube from the chem tank and use the provided (clear) water line to draw water from a bucket through the clever injector and mixing chamber to clear the SH from the bottom part.



ProTool Clever Softwash Sprayer is easy to use: hook up to the tap, attach your 7-gallon Chemical Tote and start spraying.

This water-powered spraying system perfectly mixes your chemicals at the mix rates that you choose. Typically used for Mixing SH (Sodium Hypochlorite) at 12.5% and Sticky surfactant with water for cleaning structures. The sprayer is capable mixing and spraying most chemical concentrates.

- Easy to setup and use the Clever Sprayer provides precise and constant dosage at various flow rates.
- SH-capable, the Clever Sprayer also supports a wide range of liquid or soluble concentrates and the Clever proportional system eliminates all risks of under or overdosing.
- Externally adjustable and operates continuously – just set it and leave it

Includes:

- » Cart, filtration, Dosing System, one 7-gallon Tote with Draw Tube lid
- » Spray Wand GH attach and 4 tips: 30 size in stream and fan spray
- » Hoses not included

General Cleaning vs Mold/Mildew Removal:

The Detergent, Soap or Degreaser you use with the Clever Sprayer is performing the cleaning. The SH, Bleach is used to remove the mold and mildew.

Use soaps and detergents alone where there is no mold or mildew present.

You could have several solutions ready in the 7 Gallon totes with different chemistry for the cleaning and mold removal you are planning.

Dosage management is easy. For each 7-gallon tote of SH, set aside one pint bottle of Sticky. Use full bottle for 1% House Mix and 1/2 bottle for 3% Roof Mix.

House Mix for Cleaning Mold and Mildew

7 Gallons of SH 12.5% 1 bottle of Sticky Detergent yields 70 gallons of spraying power. Set Mix Ring # between 10 and 17.

Roof for Cleaning Mold and Mildew

7 Gallons of SH 12.5% 1/2 bottle of Sticky Detergent yields 30 gallons of spraying power. Set Mix Ring # to 25.

The Clever Softwash sprayer uses Sticky as its surfactant with sodium hypochlorite (SH) and water for cleaning Mold and Mildew. Sticky spreads the solution better and allowing for a longer dwell time. Dwell is important when cleaning mold, dirt, and mildew stains from roofs, house siding, fencing and patio decks.

Protool Sticky

- promotes a powerful cleaning action.
- is a super concentrate pint bottle for easy dosing management.
- goes a long way, offering a low cost per batch.
- manages Clever Sprayer chemical dosing easily,
 - » Add 1 bottle for house washing or 1/2 a bottle for Roofs.



A single Sticky pint is all that is needed to mix a 50 to 70 gallon SH batches.

see pg. 41



Quick Connector



4 Tip Chem Nozzle
0030 0050 2530 2550



Mix #

Locking Ring

7 Gallons Totes are easy to manage. Store SH, other chems in the totes for easy chemical spraying.



Whip Draw Tube to draw other chemicals

General Cleaning with Detergents and Degreasers

Use the Clever Sprayer to mix and spray most cleaning solutions, either from the 7 gal. tote or draw directly from a chemical bucket or bottle with the whip draw tube.

Mixing other Chemicals

Set the **Mix Ring** to:

5%	20 to 1	6.4 oz. per gallon
6%	16 to 1	8 oz. per gallon
8%	12 to 1	10 oz. per gallon
10%	10 to 1	13 oz. per gallon
13%	8 to 1	17 oz. per gallon
15%	7 to 1	19 oz. per gallon
20%	5 to 1	26 oz. per gallon
25%	4 to 1	32 oz. per gallon

ProTool Clever Softwash Sprayer

This water-powered spraying system perfectly mixes your chemicals at the mix rates that you choose. Typically used for Mixing SH (Sodium Hypochlorite) at 12.5% and Sticky surfactant with water for cleaning structures. The sprayer is capable mixing and spraying most chemical concentrates.

- Dose of chemical is proportional to the flow rate
- Dose remains precise and constant at various flow rates
- SH-capable, also supports a wide range of liquid or soluble concentrates
- Clever proportional system eliminates all risks of under or overdosing
- No direct contact with dangerous concentrates
- Operates continuously - just set it and leave it
- Externally adjustable
- Easy to use - Add chemical to Tote and turn the water on!

Includes:

- » Cart, 30 mesh strainer and 15 micron water filter
 - » Dosing System, On-Off Valve, Whip Draw Tube
 - » One 7 Gallon tote with Draw Tube lid.
 - » Spray Wand GH attach
 - » Hoses not included
- 150-0759

7-Gallon Tote

Tote, no Cap	890-0061
Tote w/Standard Cap	890-0062
Tote w/Draw Tube + Cap	890-0063
Screw-on Cap	890-0064
Draw Tube + Cap	890-0065

Whip Draw Tube

Connect this tube to the XX to flush water through the sprayer after use. This prolongs the life of your equipment.
890-0066

Supply Hose

100 ft. Clear Braid 5/8in	150-0348
---------------------------	----------

Delivery Hose

50 ft. Clear Braid 1/2 in.	150-03421
100 ft. Clear Braid 1/2 in.	150-03423
200 ft. Clear Braid 1/2 in.	150-03425

Spray Wand

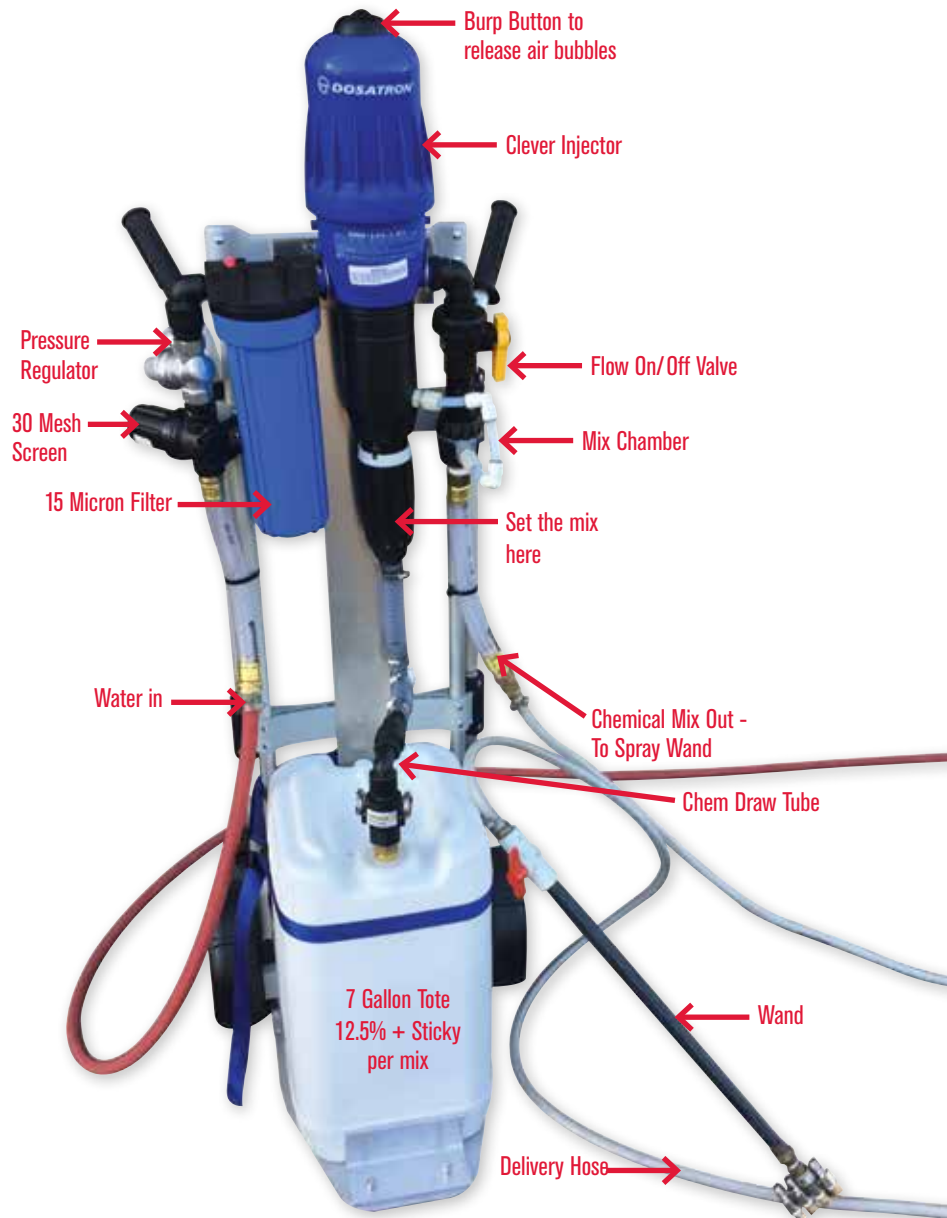
Use this wand instead of a lance gun for softwash application. Easy on/off valve for shut off. 1/4in Quick connect socket at the tip allows for easy nozzle changes. Hose barb end is 1/2 in.
890-008

4-Tip Chem Nozzle

0030, 0050, 2530, 2550
74-5991

Trigger Sprayer

890-009

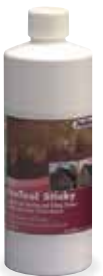


Spray Wand

Use ProTool Sticky with your sodium hypochlorite (SH) and water to allow a better spreading of the solution and a longer dwell time when cleaning mold, dirt, and mildew stains from roofs, house siding, fencing or patio deck. Sticky promotes a powerful cleaning action. Sticky is a super concentrate pint bottle for easy dosing management.

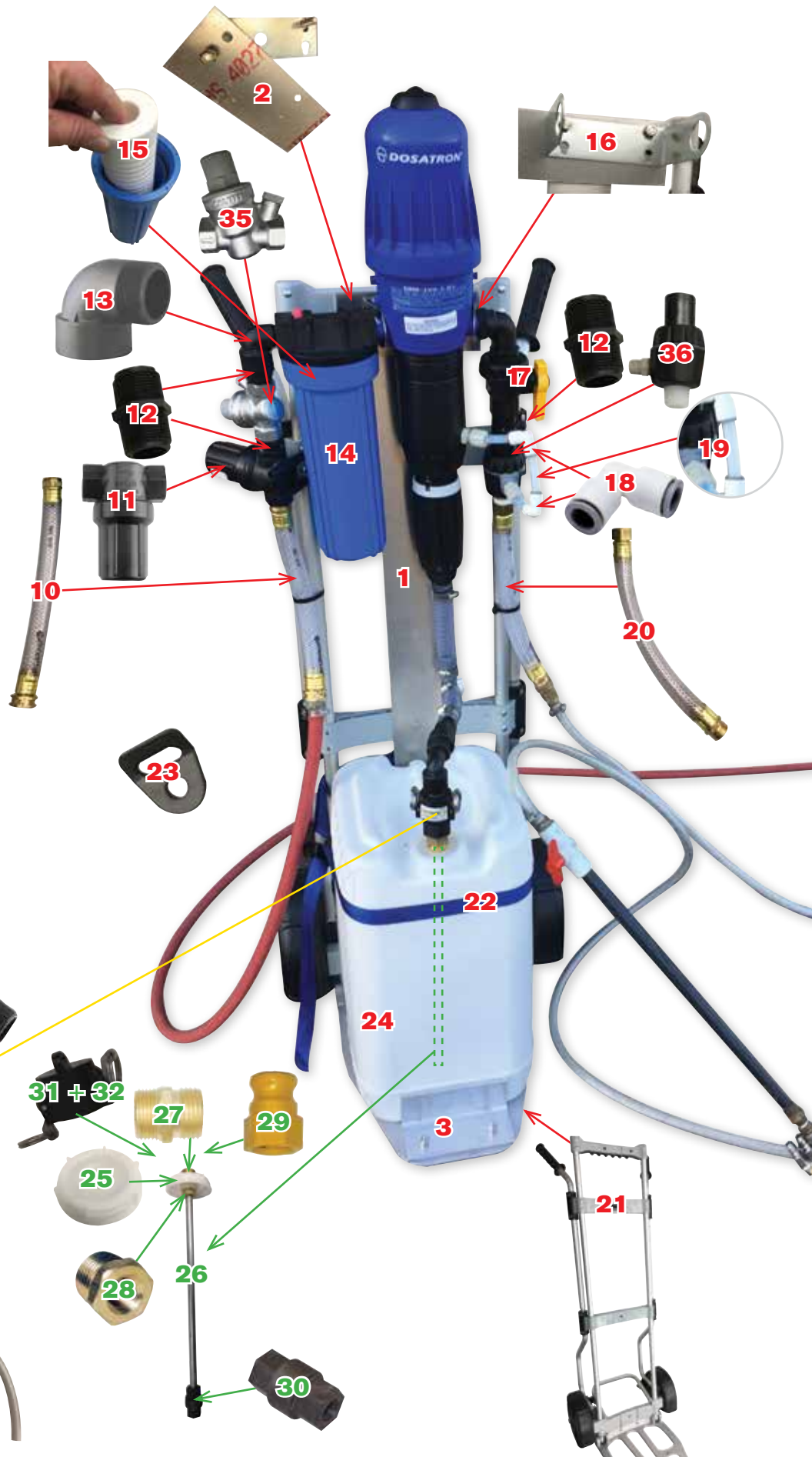
- Use 1 bottle in the tote when spraying a 1% House wash,
 - Use only 1/2 a bottle when producing a 3% Roof Mix
- Manage surfactant usage better with these convenient pint bottles Place one Pint bottle next to each 7 gallon tote of SH when scheduling crews.

- Sticky is a Super Concentrate
This reduces Shipping costs compared to typical surfactants.
- Pints store easily and are matched to typical consumption
- Manage dosing for with your tanks too...
Use Sticky in 16 oz. pints to create 50 to 70 gallon batches.



COMPONENTS

Item	Part #	Qty.
1) Center Strap Cart Strengthener	890-0075	1
2) Top Shim Strengthener 7 in.	890-0076	1
3) Tote Bracket 6 in.	890-0074	1
4) Clamp SS	150-1152	4
5) Check Valve 1/2 in. FPT	74-8195	1
6) Elbow 3/4in Nipple 90 Degree	74-8181	1
7) Hose Barb 3/4 to 1/2 in. MPT	74-8190	1
8) Elbow Street 1/2 in.	74-8192	1
9) Connect Female QC 1/2 in. MPT	74-8151	1
10) Water Supply Adaptor	150-03427	1
11) Strainer 3/4 FPT	74-2216	1
12) Nipple 3/4 Poly	74-2217	3
13) Elbow 3/4 Street 90 Degree	74-2218	2
14) Sediment Filter Housing	150-001	1
15) Sediment Filter Insert	150-002	1
16) Mounting Bracket	150-003	1
17) On-Off Valve	74-8160	1
18) Elbow Chem Feed	150-299	2
19) Poly Tubing 10mm	150-478	1
20) Delivery Hose Adaptor	150-03428	1
21) Folding Hand Cart	890-007	1
22) Strap Tie Down	890-0071	1
23) Strap Plate hold Down	890-0072	2
24) 7-Gallon Tote	890-0061	1
25) Cap Tote	890-0064	1
26) Lance Draw Tube 14 in.	74-5339	1
27) Fitting GH to 1/2 in. FPT	150-124	1
28) Bushing 1/2 to 1/4	150-182	1
29) Connect Male QC 1/2 in. GH	74-8152	1
30) Check Valve 1/4in FPT	74-8194	1
31) Cap 3/4 Connector	74-8153	1
32) Lanyard Cap to Tote	74-8154	1
33) Connector QC Male to 1/2 Barb	74-8155	1
34) 1/2 in. Braided Hose 2 ft.	150-03399	1
35) Pressure Regulator	890-0051	1
36) Mixing Chamber	890-0052	1
37) Chemical Suction Hose 22mm	890-0053	1



Disconnect the tote connection and attach this tube to flush water through the sprayer after use. This prolongs the life of your equipment.