

System 100

NEWTON 103-S & 107F

Spray Specification

Rev 1.0 - 12 March 2018

SPRAY MACHINE

Graco GMax II 7900 HD ProContractor Petrol Airless Sprayer

• Voltage	110V
• Length (mm)	845.82
• Width (mm)	619.76
• Height (mm)	965.2
• Weight	75.75 kg
• Maximum working pressure (psi)	3,300
• Maximum working pressure (bar)	230
• Suggested working pressure (psi)	2,500 - 2,700
• Maximum fluid flow (LPM)	8.3
• Tip size	Suggested HDA551
• Motor rating - cc / horsepower	200 / 6.5
• Material and solvent capacity	Solvent and water based
• Maximum guns supported	2 (Contractor gun or Graco XTR7)
• Hose size	3/8" x 15 - 30m
• Suggested hose	1/2" to 3/4" whip
• Noise - Sound pressure	96 dBa
• Noise - Sound power	105 dBa



START UP

- On start up remove all filters from machine and gun
- Ensure machine has petrol
- Insert the lower of the machine directly into a bucket of clean water and cycle water through dump and spray mode
- Mix the Newton product in accordance with the data sheet. (when mixing add 100mils of clean water, when temperatures rise above 180C you can add upto 200mils maximum)
- Ensure no lumps or dust in and around the mixed product then sieve into a clean bucket
- Insert the lower of the machine directly into a bucket of mixed product, turn on machine and wait for the desired pressure to build (this can be seen on the smart controller)
- Pull trigger of gun and spray into an empty tub until product starts to come through the gun
- Put safety catch on gun and install Guard and tip
- Continue to spray adjusting your distance and pressure as required

NOTE

Be aware of over spray.

Do not spray in the rain.

Temperatures should be +5 to +30 degrees.

Check the weather the day before and on the day of application.

Caution: at 20°C and rising the product will dry quicker, not only in the bucket but around the gun nozzle and in the pipes

Do not remix the product once you have started spraying. If the products are drying too quickly it is advisable to stop spraying and clean out the machine. If you choose to continue spraying it is recommended that regular breaks are taken to cool the machine and wash the working parts in order to prevent blockages and possible damage to the machine.

Please see page 2 for the cleaning instructions and notes.

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CLEANING PROCESS

1. Remove the 107F/103-S product from the machine and replace with a bucket of clean water. You can continue to spray on to the substrate until the water starts to get pumped through or spray the remaining product in the pipe into the tub or bag, until the water reaches the gun
2. Once water reaches the gun, aim the gun into one of the plastic Part A tubs and continue to spray for 30 seconds. Next, remove the tip and tip guard and continue to spray through the gun until clean water comes out (place the tip and tip guard in a bucket of clean water and clean thoroughly)
3. Turn the machine onto dump setting and, using a bucket, continue to cycle water through the machine until clean water comes through the dump arm. Discard the water into a plastic Part A tub
4. Clean the pump lower and parts thoroughly with clean water
5. It is advisable to strip the lower of the pump and clean with clean water after every day of spraying. Please do not attempt to do so if you have not had the correct training
6. Begin to strip the machine down for cleaning. Remove and clean the lower with clean water
7. Remove and clean the rear intake hose with clean water
8. Remove and clean the filter with clean water
9. Clean the gun with clean water
10. Reassemble the machine and do a final clean with fresh



NOTE

The products that are being sprayed through this machine contain a small aggregate, which over time will wear parts of the machine and gun.

It is recommended that the machine is serviced regularly to maintain optimum performance and spare guns and lowers are taken to each job.