



Marble & Stone Restorers Checklist

Below is a list of almost everything you will need to get started in this business. Keep in mind that this list includes the equipment needed to “do it right” and in the efficient manner which I teach in the book. You can cut some corners to get started without a large start up expenditure. If you do so remember, your quality level will suffer as well as the fact that you will be spending a lot more time on the job. So, to utilize the techniques I teach for your greatest benefit, you will want to buy as much of this equipment as you can. If money is an issue, you can always lease some of this equipment and that will help a great deal keeping start up costs down. I have made the list some what in order of priority.

EQUIPMENT

1. **1.5 Horse power, 175 rpm, 17” Floor Machine** This is what the industry calls a “swing machine” and will use all types of pads and brushes. All of the Dupont, *Tynex*® brushes are available in this size, as well as the Tampico brush for polishing.
2. **1500 PSI Portable Extractor** This will not be necessary if you have a truck mounted unit and you can get away with less PSI (although it will slow you way down) You will want at least 50 feet of solution/vacuum hose to go with it. The first attachment I would but would be a floor tool with a 2 jet spinning nozzle. There are many of these available, find one that will not scratch the surface as it is being pushed around, like the Hydrotech ProRacer, or the Hydro-Force SX-12. The next tool for the extractor (or truck-mount) should be a 4 jet wand.
3. **Shop-Vac** (to use a generic term) You can always get a ton of use out of a good old shop-vac. You want a 5.5 hp or greater. I like to also get a 15 foot section of 2”vacuum hose with cuffs on each end. One end will fit tightly inside the factory hose (which is too large diameter for professional floor tools) and the other end will fit your floor tools. So it will give you a more workable length, and serve as a reducer to make the tools work at the same time. There is a “Shop-Vac” now with a pump-out feature. I like

the “Rigid” line which can be bought at any Home Deopt. Of course, you can buy a nice beautiful stainless steel, or poly, industrial wet vacuum, but you will literally spend 10x the money.

4. **7” Variable Speed Hand Machine** I like the Makita 9227C. This machine is great. The speed range is from 600-3000 and it will hold it’s power well at the low end which is not the norm. You will need to use this at low speed often and there are not too many good machines like this which will go this slow.

5. **Planetary Head Floor Machine** 2 hp. should be the minimum or it’s use will be limited. The Cimex RD48 is reversible which is great but it is a little on the weak side. So it will mainly work well for cleaning, but not so great for sanding unless it is a very light sanding. The MCI-20 will very work well for the sanding. So which one to get first? This depends on what you will be doing more often, cleaning or sanding.

ACCESORIES

1. **Floor Tool** An aluminum vacuum wand with a double squeegee blade floor tool. I like the aluminum wand with a plastic head to keep it light (sometimes you will be working with this for 8 hours straight) and soft rubber squeegee blades which are open ended to work against walls.

2. **Brushes** One each as follows; Dupont Tynex “strata-grit” ,“nylo-grit” , and “scrub-grit” , one each. One pad driver brush to hold nylon pads. One natural fiber Tampico polishing brush. One polypropylene scrub brush. All brushes should be shower feed, and the plastic blocks are great (but they can warp if you leave the unevenly weighted, take off machine when not in use). Any other brushes you really don’t need in my opinion.

3. **Nylon Pads** Get a few boxes each of: white, red, blue, and hog hair.

4. **Miscellaneous** Mop Handle and finish string mop heads, buckets, sponges, drop cloth, 10ga. extension cords and GFI, box cutter type razor blades, paint pad (for sealing), tool box, duct tape, hand pump spray bottles, Hudson Sprayer, roll of caution tape, respirator w/ Acid-Gas cartages and Organic Vapor cartages, first-aid kit, nylon straps and bungee cords, window washer type razor blades & handle, roll of shop towels, blue masking tape.

CHEMICALS

I keep a couple of old milk crates stocked with the follows. On the bottom crate, whatever will fit, and in the top crate all my hand pump spray bottles, ready to go. I will have to make a generic list (no brand names) I do not know what products you will be using. I will also not suggest quantities because that will depend on the job. This is

just what you should always have aboard for doing work samples or so you will not get caught in a pinch.

1. Solvent Based impregnating sealer
2. Water Based impregnating sealer
3. Bottle of Murphy Oil Soap
4. Quart Bottle of Neutralizer (2 Pound of Baking Soda or Soda Ash)
5. Quart can of Mineral Spirits (paint thinner)
6. Quart of Laquer Thinner
7. Quart if Klenztone, EZ Kleen, or Cleanstone (for doing cleaning samples)
8. Gallon Alkaline cleaner
9. Gallon Acid cleaner (phosphoric)
10. Quart bottle of sulfuric acid crystals
11. Quart bottle of all grits aluminum oxide honing powders
12. Quart bottles of 2 types polishing powder, acid and non-acid
13. Quart bottle of Defoamer
14. Quart bottle of stain removing poultice powder, Diatomaceous Earth (mix w/ paint thinner)

NO MORE

Here are some things you would think you would need but don't. Mop bucket, knee pads, rubber boots, hand scrub brushes, rubber gloves. If you find yourself using any of the above, go back and read the book again, you might have missed something. Those days are over. Elbow grease is too expensive and becoming too hard to find.