



Recommended Gun Settings

Recommended Gun Settings Specifically for Solvent Based Finishes

Model*	Tip Size (mm)	Fluid Needle (# of turns out)	Pressure @ the gun	Pressure @ the cap*	Material Being Sprayed
Tekna Basecoat	1.3	2 - 3.5	20 - 24 psi	6 - 8 psi	Basecoat
Tekna Clearcoat	1.3	3 - 4	22 - 24 psi	10 psi	Clearcoat
Tekna HE Compliant Gun	1.3	2.5 - 3.5	18 - 24 psi	N/A	Clearcoat
	1.3	2.5 - 3.5	20 - 22 psi	N/A	Basecoat
DeVilbiss Cvi w/510 Compliant Cap	1.3	2.5 - 3.5	20 - 26	N/A	Basecoat
	1.3	2.5 - 3.5	29 psi	N/A	Clearcoat
DeVilbiss GTI	1.3 - 1.4	3 - 3.5	20 - 25 psi	6 - 8 psi	Basecoat
	1.3	2.5 - 3.5	30 psi	10 psi	Clearcoat
DeVilbiss PLUS	1.3	2.5 - 3.5	30 - 40 psi	N/A	Clearcoat
DeVilbiss JGA	1.4	2.5 - 3	15 psi	6 - 8 psi	Basecoat
	1.4	2.5 - 3	20 - 22 psi	10 psi	Clearcoat
Binks M1G	1.4	2.0 - 2.5	18 - 20 psi	10 psi	Primer
DeVilbiss FLG	1.3	2.0 - 3.0	10 - 20 psi	10 psi	Primer
Iwata LPH400	1.3 - 1.4	2.5 - 3	15 psi *	6 - 8 psi	Basecoat
	1.3	2.5 - 3.5	20 psi *	10 psi	Clearcoat
Iwata LPH300	1.3	2.5 - 3.5	15 - 20 psi *	4 - 8 psi	Primer
	1.3	2.5 - 3.5	20 - 30 psi *	8 psi	Sealer/BC
Iwata W400	1.3	2.5 - 3.5	30 psi *	N/A	Clearcoat
	1.4	2.5 - 3.5	30 psi *	N/A	Clearcoat
Iwata LPH440	1.4	2.5 - 3.5	15 - 20 psi *	8 - 10 psi	Primer
* Important - Pressure must be obtained with the trigger pulled and fluid coming out of the gun.					
Sata NR3000	1.3	2 - 2.5	28 psi	10 psi	Clearcoat
Sata NR3000 RP	1.2 - 1.3	2.5 - 3	32 - 34 psi	N/A	Clearcoat
Sata NR2000	1.3 - 1.4	2.5 - 3	20 - 25 psi	7 - 8 psi	Basecoat
	1.3	2.5 - 3.5	28 psi	9 - 10 psi	Clearcoat
Sata NR 95	1.4	2.5 - 3	25 - 40 psi	6 - 8 psi	Basecoat
	1.3	2.5 - 3.5	35 - 45 psi	9 - 10 psi	Clearcoat

Recommended Gun Settings Specifically for Vortex Waterborne Basecoat

			Coverage Coats	Pressure @ the cap* Coverage Coats	Finesse Coat
Sata NR2000	1.3	3	20 - 24 psi	6 - 8 psi	15-18 psi
	WSB	3	20 - 24 psi	6 - 8 psi	15-18 psi
Sata NR3000	1.3	2	20 - 24 psi	6 - 8 psi	15-18 psi
	WSB	2	20 - 24 psi	6 - 8 psi	15-18 psi
Iwata W400	1.3	2.5 - 3.5	20 psi	N/A	12-15 psi
Tekna Basecoat	1.3	2 - 3.5	22 - 24 psi	6 - 8 psi	12-15 psi
Tekna HE Waterborne	1.3	2.5 - 3.5	22 - 24 psi	N/A	12-15 psi
DeVilbiss Cvi w/510 Compliant Cap	1.3	2 - 3.5	16 - 18 psi	N/A	12-15 psi
DeVilbiss GTIW	1.3	3.5	20 - 25 psi	6 - 8 psi	12-15 psi

* All Models are HVLP or Compliant Guns

* -- Always check for 10 lbs. at the air cap using the appropriate air cap test kit.
Don't guess! Because you will probably guess wrong!



Recommended Gun Settings

Gun Recommendation Specifically for Vortex Waterborne Basecoat

Model*	Tip Size (mm)	Fluid Needle (# of turns out)	Pressure @ the gun Coverage	Pressure @ the cap*	Pressure @ the gun Finesse	Pressure @ the cap*
Sata NR2000	1.3	3	20 - 24 psi	6 - 8 psi	15-18 psi	4-5 psi
	WSB	3	20 - 24 psi	6 - 8 psi	15-18 psi	4-5 psi
Sata NR3000	1.3	2	20 - 24 psi	6 - 8 psi	15-18 psi	4-5 psi
	WSB	2	20 - 24 psi	6 - 8 psi	15-18 psi	4-5 psi
Iwata LPH400	1.3	2.5 - 3.5	15-19 psi *	6 - 8 psi	10-12 psi *	4-5 psi
Iwata LPH400 (Orange Cap)	1.3	2.5 - 3.5	15-20 psi *	6 - 8 psi	10-12 psi *	4-5 psi
Iwata W400	1.3	2.5 - 3.5	20 psi	N/A	12-15 psi	N/A
* Important - Pressure must be obtained with the trigger pulled and fluid coming out of the gun.						
Tekna Basecoat	1.3	2 - 3.5	22 - 24 psi	6 - 8 psi	12-15 psi	4-5 psi
Tekna HE 7E7 Waterborne	1.3	2.5 - 3.5	22 - 24 psi	N/A	12-15 psi	N/A
DeVilbiss Cvi w/510 Compliant Cap	1.3	2 - 3.5	16 - 18 psi	6 - 8 psi	12-15 psi	4-5 psi
DeVilbiss GTIW	1.3	3.5	20 - 25 psi	6 - 8 psi	12-15 psi	4-5 psi

*** All Models are HVLP or Compliant Guns**

*** -- Always check for 10 lbs. at the air cap using the appropriate air cap test kit.**

Don't guess! Because you will probably guess wrong!



Recommended Gun Settings

Recommended Gun Settings Specifically for Clearcoat Application

The following is a list of spray equipment that has been used successfully by many technicians in our industry. Therefore it is with confidence that we suggest you consider these guns when using Martin Senour Automotive Clearcoat Finishes.

Model	Material Being Sprayed	Tip Size (mm)	Fluid Needle (# of turns out)	Pressure @ the gun	Pressure @ the cap*
Tekna Clearcoat	Clearcoat	1.3	3 - 4	22 - 24 psi*	10 psi
	IPC15/21	1.4	Full Open	18 - 20 psi*	7 - 8 psi
Tekna HE 7E7 cap	Clearcoat	1.3	2.5 - 3.5	20 - 24 psi*	N/A
	IPC15/21	1.4	Full Open	18 - 20 psi*	N/A
Devilbiss Cvi 510 compliant cap	Clearcoat	1.3	2.5 - 3.5	29 psi*	N/A
	IPC15/21	1.3	Full Open	27 - 29 psi*	N/A
Iwata LPH400	Clearcoat	1.3	2.5 - 3.5	20 psi *	10 psi
	IPC15/21	1.3	Full Open	20 psi *	10 psi
Iwata W400	Clearcoat	1.3 - 1.4	2.5 - 3.5	30 psi *	N/A
	IPC15/21	1.4	Full Open	30 psi *	N/A
Sata NR3000	Clearcoat	1.3	2 - 2.5	28 psi*	10 psi
	IPC15/21	1.4	Full Open	20 - 24 psi*	7 - 8 psi
Sata NR3000 RP	Clearcoat	1.2 - 1.3	2.5 - 3	32 - 34 psi*	N/A
	IPC15/21	1.4	Full Open	24 - 28 psi*	N/A
Sata NR2000	Clearcoat	1.3	2.5 - 3.5	28 psi*	10 psi
	IPC15/21	1.4	Full Open	20 - 24 psi*	7 - 8 psi

* Important - Pressure must be obtained with the trigger pulled and fluid coming out of the gun.

Notes -

- 1.) * - For HVLP Guns - Always check for 10 lbs. at the air cap using the appropriate air cap test kit.
Don't guess! Because you will probably guess wrong!
- 2.) - These are the recommended settings for the listed guns. Spray Guns need to be selected according the painters application style and spray environment. No one gun is recommended above another.
- 3.) - When adjusting the fluid needle , start at the mid-range that is listed and then adjust a 1/2 turn on the needle in or out until you get the fluid delivery that fits your application speed and environmental conditions.
- 4.) - For the pressure adjustment, start at the mid-range and then adjust up or down on the pressure to get the desired atomization for your application speed and environment.

For questions regarding the correct spray equipment for your shop, please contact your local Martin Senour Automotive Sales Representative for assistance.