

# SHEETFED FOUNTAIN SOLUTION APPLICATION CHART

	<b>Millennium SF</b>	<b>Millennium 1000</b>	<b>Millennium 2000</b>	<b>Millennium 3000</b>	<b>Millennium 4000</b>
<b>Solution Type</b>	Acid	Acid	Acid	Acid	Acid
<b>Target Press Size</b>	26" and above	26" and above	26" and above	26" and above	26" and above
<b>Press Type</b>	Sheetfed	Sheetfed	Sheetfed	Sheetfed	Sheetfed
<b>Plate Type</b>	Metal	Metal/Poly	Metal/Poly	Metal	CTP/ Thermal/Violet
<b>Press Speed</b>	over 10,000 imp / hr	over 10,000 imp/hr	over 10,000 imp / hr	over 10,000 imp / hr	Over 10,000 imp/hr
<b>One Step Dosage</b> No alcohol sub or alcohol used with fountain solution	6 oz / gallon (4.7%)	3-6 oz / gallon (2.3-4.7%)	4-6 oz / gallon (3.1-4.7%)	4-6 oz / gallon (3.1-4.7%)	5-7 oz / gallon (3.9-5.5%)
<b>Two Step Dosage</b> Alcohol sub or alcohol used with fountain solution	3-4 oz / gallon (2.3-3.1%)	None	None	Optional 1 oz / gallon (0.8%)	None
<b>Alcohol Substitute</b>	Dynamic ARP / AR-7500 AR-9500	None	None	Optional Dynamic ARP / AR-7500 AR-9500	None
<b>Alcohol Sub Dosage</b>	2-3 oz (1.6-2.3%)	None	None	None	None
<b>Conductivity</b> +H2O	575 micromhos / oz	440 micromhos / oz	400 micromhos / oz	583 micromhos / oz	460 micromhos / oz
<b>Conductivity Range</b> +H2O	1725 - 2300	1300 - 2600	1600 - 2000	2332 - 3498	2300 - 3200
<b>Expected pH</b>	3.8 to 4.2	3.6 to 3.8	3.6 to 3.8	3.8 to 4.0	4.2 to 4.4
<b>VOC Content</b>	1.7 # / gallon 19%	4.79 # / gallon 56%	5.48 # / gallon 65%	0.45 # / gallon 6%	2.6 # / gallon 29%
<b>Product Color</b>	Amber	Blue	Bluish Green	Bluish Green	Bluish Green
<b>Water Hardness</b>	S-M	S-M	S-M	S-M-H	S-M
<b>Container Size US</b>	1, 5, 55, 275	1, 5, 55, 275	5, 55, 275	5, 55, 275	5, 55, 275

**TOWER PRODUCTS, INC. • P.O. BOX 3070 • 2703 FREEMANSBURG AVENUE • EASTON, PA 18045**  
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# SHEETFED FOUNTAIN SOLUTION APPLICATION CHART

	<b>Millennium 5000</b>	<b>Millennium 6000</b>	<b>Millennium 7000</b>	<b>Millennium 8000</b>
<b>Solution Type</b>	Acid	Acid	Acid	Acid
<b>Target Press Size</b>	26" and above	26" and above	26" and above	26" and above
<b>Press Type</b>	Sheetfed	Sheetfed	Sheetfed	Sheetfed
<b>Plate Type</b>	CTP/ Thermal/ Violet	Metal	Metal	Metal
<b>Press Speed</b>	Over 10,000 imp/hr	over 10,000 imp/hr	Over 10,000 imp/hr	over 10,000 imp/hr
<b>One Step Dosage</b> <small>No alcohol sub or alcohol used with fountain solution</small>	5-7 oz / gallon (3.9-5.5%)	None	None	None
<b>Two Step Dosage</b> <small>Alcohol sub or alcohol used with fountain solution</small>	None	5-7 oz / gallon (3.9-5.5%)	4-6 oz / gallon (3.1-4.7%)	4-6 oz / gallon (3.1-4.7%)
<b>Alcohol Substitute</b>	None	AR-7500 / Dynamic ARP AR-9500	AR-7500 / Dynamic ARP AR-9500	AR-7500 / Dynamic ARP AR-9500
<b>Alcohol Sub Dosage</b>	None	2-3 oz (1.6-2.3%)	2-3 oz (1.6-2.3%)	2-3 oz (1.6-2.3%)
<b>Conductivity</b> <small>+H2O</small>	275 micromhos / oz	403 micromhos / oz	520 micromhos / oz	598 micromhos / oz
<b>Conductivity Range</b> <small>+H2O</small>	1375 - 1925	2000 - 2800	1560 - 2060	1794 - 2392
<b>Expected pH</b>	4.6 to 4.8	4.1 to 4.3	4.1 to 4.3	4.5 to 4.7
<b>VOC Content</b>	1.1 # / gallon 12%	None	None	None
<b>Product Color</b>	Bluish Green	Bluish Green	Bluish Green	Bluish Green
<b>Water Hardness</b>	S-M	S-M	S-M	S-M
<b>Container Size US</b>	5, 55, 275	5, 55, 275	5, 55, 275	5, 55, 275

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