

Spray guns and equipment cleaning system suppliers

Automatic paint gun washers are a time- and cost-effective alternative to cleaning paint guns manually.

Cleaning paint guns manually is time consuming, labor intensive, exposes workers to harmful solvents and paints, and can generate significant quantities of solvent waste. An alternative to traditional cleaning methods is an automatic cleaning system. Automatic gun washers can reduce the amount of solvent used and the amount of paint solvent waste generated by up to 80% compared to manual paint gun cleaning. Because automatic gun washers are sealed units, worker exposure to hazardous materials during solvent handling, volatile organic compound (VOC) and hazardous air pollutant (HAP) emissions are greatly reduced.

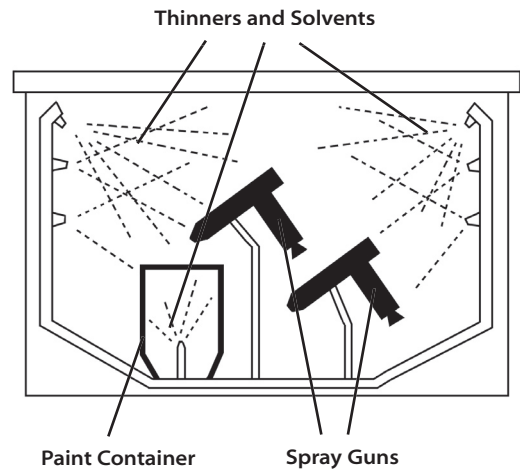
Using an automatic cleaning system cuts the time required for paint gun cleaning by 90 %, and can save you money on solvent purchases, paint rags and solvent disposal. The washers can be used to clean conventional air spray, high volume/low pressure, electrostatic, airless and air-assisted guns.

Automatic cleaning systems are similar to conventional home dishwashing machines, except that the thinners and solvents in the automatic washers are not heated in the process. The piece of equipment to be cleaned is attached to a nozzle within the washer and the machine is sealed. Most washers can wash two to three paint guns at a time. The exterior of the equipment is cleaned with atomized paint thinner sprayed using an action similar to a dishwasher spraying water. Circulating solvent through the nozzle attachment cleans the interior of the paint gun. The average size of a one- or two-gun automatic cleaning system is 1.5 x 2 x 1.2 feet.

Used solvent is collected in a reservoir where impurities, such as paint solids, are filtered out. The filtered solvent is then reused. Regular removal of the paint solids increases the life of the solvent, reducing the amount of

new solvent used and waste generated. The typical solvent capacity of a spray gun washer is three gallons. Changing the washer solution every three to eight weeks may be necessary. But, the solution may last longer depending on use.

Automatic Cleaning System



To help you determine if an automatic cleaning system is right for your shop, the Iowa Waste Reduction Center (IWRC) has developed the Gun Wash Unit Cost Calculator. The cost calculator requires you to enter the amount of thinner used at your shop per year, then it calculates your savings and payback. It is available online at www.iwrc.org/SBPPC/costCalcs/gunwash.cfm.

MnTAP maintains the following list of spray gun and equipment cleaning system suppliers as a service to Minnesota companies. This is not a complete list of available suppliers and does not represent an endorsement by MnTAP. MnTAP, by providing this list, does not guarantee that the services or products provided by these suppliers do or do not comply with applicable environmental and safety laws in any specific application.

Company	Distributors		
<p>Como Lube and Supplies Hugo, MN 651.646.0830 or 800.254.2705 comolube.com</p>	<p>Direct from the company.</p>		
<p>DeVilbiss Glendale Heights, IL 630.273.5000 www.devilbiss.com</p>	<table border="0"> <tr> <td data-bbox="586 306 1040 459"> <p>American Industrial Corp. Indianapolis, IN 800.888.9256 www.teamAIC.com</p> </td> <td data-bbox="1040 306 1524 459"> <p>Midway Industrial Supply St. Paul, MN 763.780.3000 or 800.279.1401 www.midwayis.com</p> </td> </tr> </table>	<p>American Industrial Corp. Indianapolis, IN 800.888.9256 www.teamAIC.com</p>	<p>Midway Industrial Supply St. Paul, MN 763.780.3000 or 800.279.1401 www.midwayis.com</p>
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<p>Fountain Industries Albert Lea, MN 800.328.3594 www.fountainindustries.com</p>	<p>Contact company for closest distributor.</p>		
<p>Graco Incorporated Minneapolis, MN 612.623.6921 or 800.367.4023 www.graco.com</p>	<p>Midway Industrial Supply St. Paul, MN 763.780.3000 or 800.279.1401 www.midwayis.com</p>		
<p>Herkules Equipment Corporation Walled Lake, MI 248.960.7100 or 800.444.4351 www.herkulsequipment.com</p>	<table border="0"> <tr> <td data-bbox="586 766 1040 919"> <p>Collison Services Inc. Hudson, IA 800.367.6575 www.collisonservices.com</p> </td> <td data-bbox="1040 766 1524 919"> <p>Neco Warehouse Minneapolis, MN 612.789.0070 or 800.366.6326</p> </td> </tr> </table>	<p>Collison Services Inc. Hudson, IA 800.367.6575 www.collisonservices.com</p>	<p>Neco Warehouse Minneapolis, MN 612.789.0070 or 800.366.6326</p>
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<p>KleenTec Albert Lea, MN 507.373.5152 or 800.435.5336 www.kleentec.com</p>	<p>Direct from the company.</p>		
<p>NexGen Enviro Systems Lindenhurst, NY 631.226.2930 or 800.842.1630 www.nexgenenviro.com</p>	<p>Direct from the company.</p>		
<p>Uni-ram Corporation Markham, Ontario 800.735.4331 www.uniram.com</p>	<p>KND Sales Osseo, MN 763.315.1057</p>		
<p>WS Supplies Woodbine, IA 712.647.2252 or 800.728.0696</p>	<p>Direct from the company.</p>		



For More Information

MnTAP has a variety of technical assistance services available to help Minnesota businesses implement industry-tailored solutions that maximize resource efficiency, prevent pollution and reduce costs. Our information resources are available online at <mntap.umn.edu>. Please call MnTAP at 612.624.1300 or 800.247.0015 for personal assistance or more information.