






Diagnostic Help / Troubleshooting Guide

Topic	Explanation	Visual
Bean-shaped spray	<p>The defect comes from the head - Loosen the ring slightly and rotate the head half a turn. If the defect is reversed, one of the side vents is blocked or deformed.</p> <p>Then clean the gun head with solvent and unclog the vents with a spray of compressed air. If this does not reverse, the nozzle is probably damaged.</p>	
Deported spray	<p>This deformation is due to a defect in the central spray. It is necessary to clean the head as described above and the nozzle. Also check:</p> <ul style="list-style-type: none"> • The head is well centered on the nozzle, • The nozzle is not too big (needle and nozzle must be adapted), you work with a sufficient needle opening, • With an almost closed needle, the product supply to the spray is not regular in all directions. 	
Cutted spray	<p>The pressure of the air sprays at the vents is too high for the paint flow:</p> <ul style="list-style-type: none"> • Reduce air at the vents by closing the adjustment needle. The spray is narrower. • Increase paint flow. 	
Spray loaded in the center	<p>Default inverse of the previous one:</p> <ul style="list-style-type: none"> • Either the paint flow rate is excessive for the adopted spraying air pressure - You should increase the spraying air pressure and reduce the paint flow rate. • Either the paint is too thick - You must then dilute it. 	
Jerky product spray	<p>The gun is machine-gunned. The phenomenon is caused by air entering the paint circuit:</p> <ul style="list-style-type: none"> • The container containing the paint may be empty - Refill with paint. • The nozzle is not tightened properly and does not fit properly on its seat - Tighten the nozzle. <p>If the phenomenon persists, disassemble the nozzle and clean it.</p> <ul style="list-style-type: none"> • Check the nozzle seat and cone for damage, reassemble and secure the nozzle. • Check that the paint is fluid and homogeneous enough to be vacuumed. 	

Possible symptoms of faults - Causes of faults - Remedies to apply

Defaults	Root causes	Remedies
<ul style="list-style-type: none"> Paint no longer comes out of the gun 	<ul style="list-style-type: none"> Nozzle partially or completely clogged 	<ul style="list-style-type: none"> Disassemble and clean the nozzle with solvent and a smooth brush. Check the condition of the seal.
<ul style="list-style-type: none"> The spray narrows at pump reversals 	<ul style="list-style-type: none"> Viscosity too high 	<ul style="list-style-type: none"> Dilute the paint.
<ul style="list-style-type: none"> The head frequently gets dirty 	<ul style="list-style-type: none"> Too much air 	<ul style="list-style-type: none"> Reduce air pressure.
<ul style="list-style-type: none"> The paint comes through air holes in the head 	<ul style="list-style-type: none"> Defective nozzle seal Insufficiently tight nozzle 	<ul style="list-style-type: none"> Replace it. Tighten it.
<ul style="list-style-type: none"> Product leakage at the trim level 	<ul style="list-style-type: none"> Worn seal 	<ul style="list-style-type: none"> Tighten the liner press without blocking the needle. If the leak is still present replace the seal and needle.
<ul style="list-style-type: none"> Product leakage at the front of the gun, trigger released 	<ul style="list-style-type: none"> Impurities in the product Worn out needle or/and worn out nozzle 	<ul style="list-style-type: none"> Pull the trigger 3-4 times and let it go back on its own. Replace the needle and/or nozzle.
<ul style="list-style-type: none"> Air leakage at the valve 	<ul style="list-style-type: none"> Worn valve 	<ul style="list-style-type: none"> Changing the valve.
<ul style="list-style-type: none"> Permanent air leakage at the gun head when trigger is released 	<ul style="list-style-type: none"> Rubbing on the needle Worn valve 	<ul style="list-style-type: none"> Remove the trigger and check that the needle slides freely. Replace the valve.

PLEASE NOTE: Before any action is taken on the gun, please shut off the compressed air supply and depressurize the systems by triggering the gun.

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