

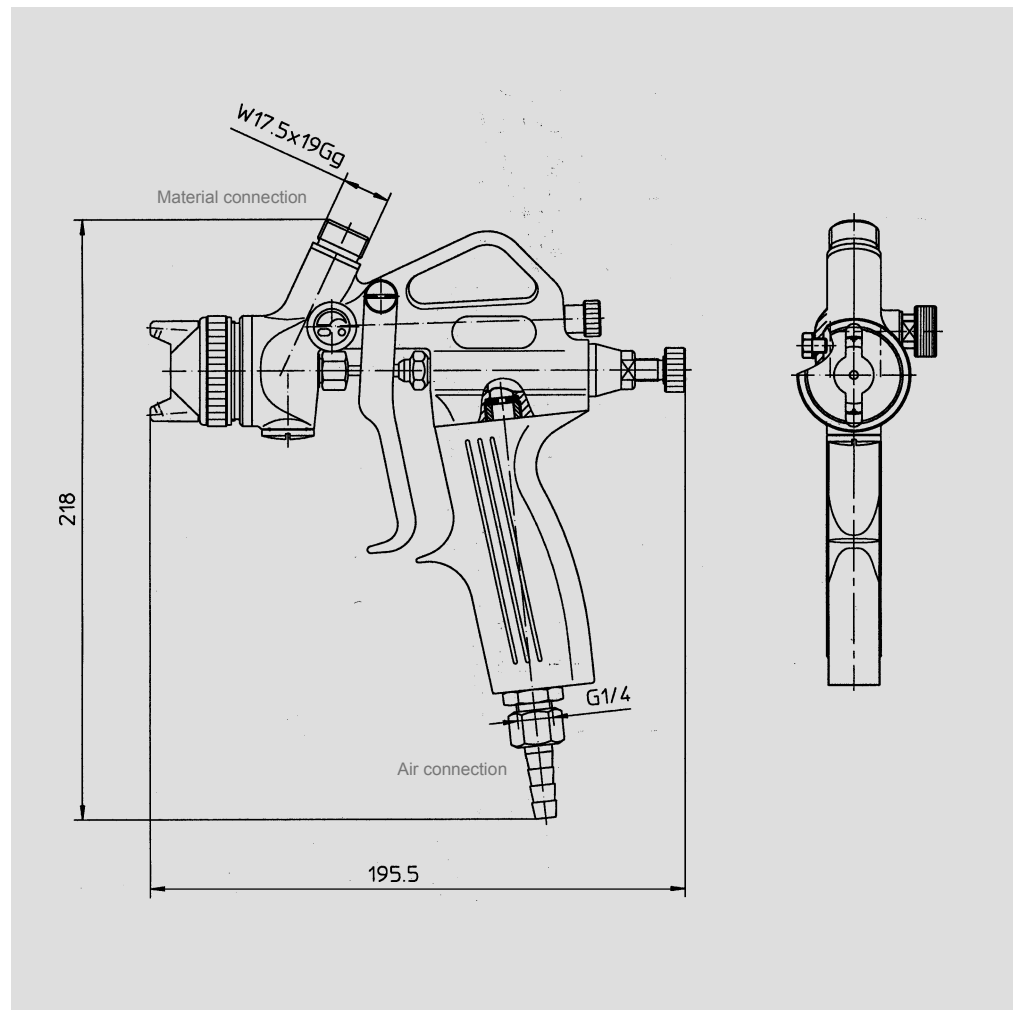
HS 25 HV3 Gravity feed

This spray gun is a further development of the HV1 system.

In this model, special modifications to the air routing system ensure far finer atomisation.

This high-performance spray gun is suitable for use with a wide range of media. The spray gun is equipped with a fine-tune air regulator as standard to allow precision metering of the air volume. The built-in jet regulating valve allows continuous adjustment from an extremely fine circular jet to a full flat jet, and this means that the jet width can be adjusted to suit different workpieces during the spraying process. The handy, well-balanced design ensures fatigue-free operation. The integrated plastic handle is also an advantage during continuous use, as it prevents the highly cooled compressed air from chilling the surface of the handle. The main element is made of an anodised, corrosion-resistant light metal alloy. The material nozzles and needles are made of stainless steel as standard but are also available in tungsten carbide, plastic etc. for special applications.

There are several options for material feed. Guns are available with material connection hose nozzles or with a range of gravity cups. There is also a wide selection of nozzles and needles of various sizes. The spray gun can naturally also be used in combination with our material feed containers, diaphragm pumps and regulators.



Parts in contact with the coating substance

The parts of the spray gun that come into contact with the coating material are made of aluminium (housing) and stainless steel (material needle and nozzle) as well as brass and plastic (gaskets). The gravity cups are made of aluminium, copper or plastic.

Technical data

Operating pressures / Operating temperature

Max. material pressure: 0.4 MPa (4 bar)
 Max. material temperature (8 hrs contin. duty): 50 °C
 Max. atomiser air pressure: 0.4 MPa (4 bar)
 Max. air temperature: 50 °C

Connections

Flow connection: W 17.5 x 19 AG
 Atomiser air: hose NW 8/9 mm or G1/4 AG

Weight

without material cup approx. 570 g

Noise emission

Contin. sound pressure level, nozzle-dependent: 73 to 96 dB (A)



	Stainless steel			Standard*								
Pistol body / Parts in contact with coating substance	+			x								
Air nozzle / brass, nickel-plated / mm	0.3	0.5	0.8	1.0	1.2	1.5	1.8	2.0	2.2	2.5	3.0	
Flat / Circular F	-	-	-	-	-	-	-	x	x	x	x	
Flat / Circular F2	-	-	-	-	-	-	x	x	x	x	-	
Air nozzle / brass, PTFE / mm	0.3	0.5	0.8	1.0	1.2	1.5	1.8	2.0	2.2	2.5	3.0	
Flat / Circular F	-	-	-	-	-	-	-	+	+	+	+	
Flat / Circular F2	-	-	-	-	-	-	+	+	+	+	-	
	SIZE I				SIZE II							
Air nozzle / brass, nickel-plated / mm	0.3 to 1.8				2.0 to 2.5							
Flat / Circular HV3 A	x				x							
Flat / Circular HV3 G	x				x							
Flat / Circular HV3 H (Standard)	x				-							
	SIZE I				SIZE II							
Air nozzle / brass, PTFE / mm	0.3 to 1.8				2.0 to 2.5							
Flat / Circular HV3 A	+				+							
Flat / Circular HV3 G	+				+							
Flat / Circular HV3 H	+				-							
Material nozzle / HVLV / stainless steel / mm	0.3	0.5	0.8	1.0	1.2	1.5	1.8	2.0	2.2	2.5		
Flat / Circular HV3 (Standard)	x	x	x	x	x	x	x	x	x	x		
Material nozzle / HVLV / stainless steel, hardened / mm	0.3	0.5	0.8	1.0	1.2	1.5	1.8	2.0	2.2	2.5		
Flat / Circular HV3	+	+	+	+	+	+	+	+	+	+		
Material nozzle / HVLV / tungsten carbide / mm	0.3	0.5	0.8	1.0	1.2	1.5	1.8	2.0	2.2	2.5		
Flat / Circular HV3	-	-	-	-	+	+	+	+	+	+		
Material needle / mm	0.3	0.5	0.8	1.0	1.2	1.5	1.8	2.0	2.2	2.5		
Stainless steel (Standard)	x	x	x	x	x	x	x	x	x	x		
Stainless steel / hardened	+	+	+	+	+	+	+	+	+	+		
Stainless steel / hard chrome-plated	+	+	+	+	+	+	+	+	-	+		
Tungsten carbide	-	-	-	-	+	+	+	+	+	+		
Plastic	+	+	+	+	+	+	+	+	+	+		
Stainless steel / protruding needle	-	+	+	+	+	+	+	+	-	+		
Material connection / gravity cup	Aluminium		Copper, nickel-pl.				Plastic					
170 ml NORMA	+											
250 ml UNI	+											
250 ml NORMA			+									
500 ml UNI	+		+									
500 ml							+					
500 ml NORMA	+		+									
750 ml UNI	+											
1000 ml UNI	+											
Material connection / gravity pressure cup	Aluminium		Aluminium with pressure regulator									
250 ml	+		+									
500 ml	+		+									
750 ml	+		+									

x no surcharge + surcharge - not available

* Aluminium / Brass / Plastic parts

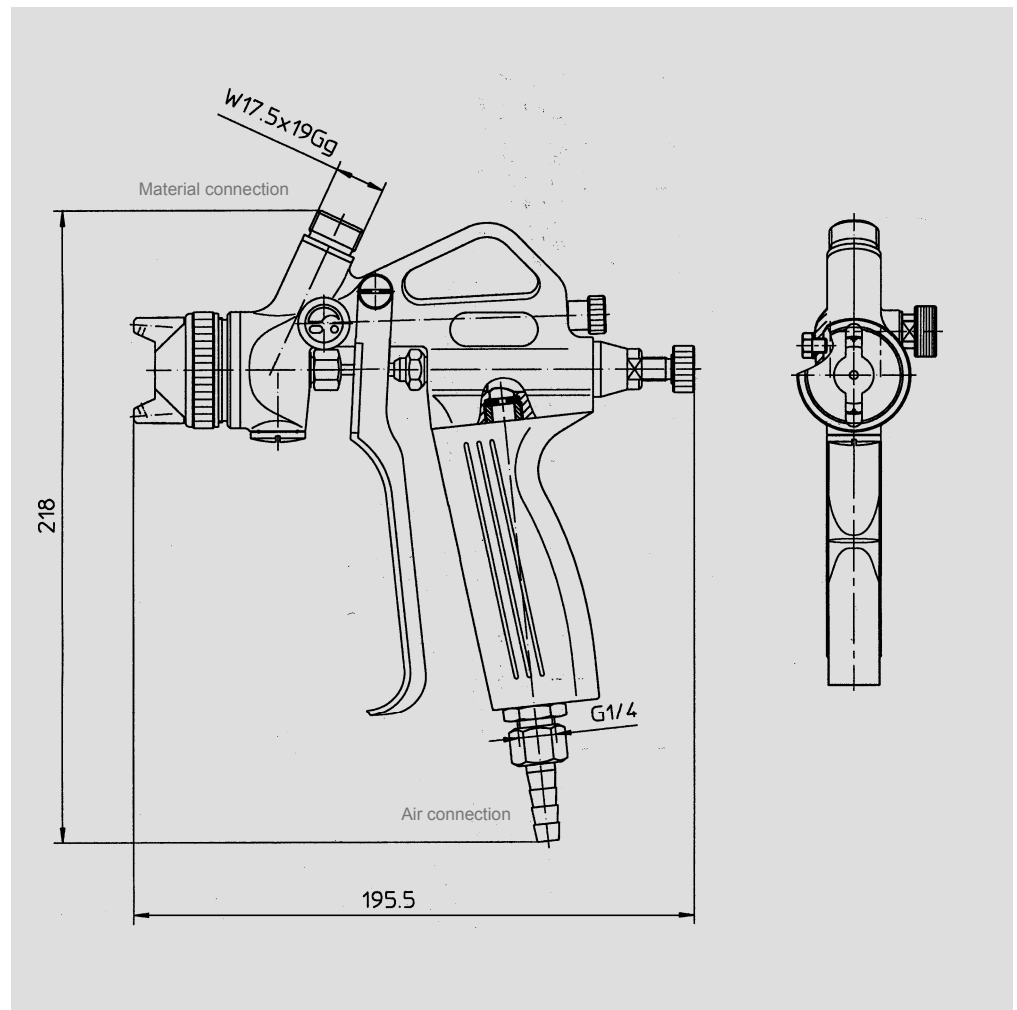
HS 25 HV3 Gravity feed Long trigger

This spray gun is a further development of the HV1 system.

In this model, special modifications to the air routing system ensure far finer atomisation.

This high-performance spray gun is suitable for use with a wide range of media. The spray gun is equipped with a fine-tune air regulator as standard to allow precision metering of the air volume. The built-in jet regulating valve allows continuous adjustment from an extremely fine circular jet to a full flat jet, and this means that the jet width can be adjusted to suit different work-pieces during the spraying process. The handy, well-balanced design ensures fatigue-free operation. The integrated plastic handle is also an advantage during continuous use, as it prevents the highly cooled compressed air from chilling the surface of the handle. The main element is made of an anodised, corrosion-resistant light metal alloy. The material nozzles and needles are made of stainless steel as standard but are also available in tungsten carbide, plastic etc. for special applications.

There are several options for material feed. Guns are available with material connection hose nozzles or with a range of gravity cups. There is also a wide selection of nozzles and needles of various sizes. The spray gun can naturally also be used in combination with our material feed containers, diaphragm pumps and regulators.



Parts in contact with the coating substance

The parts of the spray gun that come into contact with the coating material are made of aluminium (housing) and stainless steel (material needle and nozzle) as well as brass and plastic (gaskets). The gravity cups are made of aluminium, copper or plastic.

Technical data

Operating pressures / Operating temperature

Max. material pressure: 0.4 MPa (4 bar)
 Max. material temperature (8 hrs contin. duty): 50 °C
 Max. atomiser air pressure: 0.4 MPa (4 bar)
 Max. air temperature: 50 °C

Connections

Flow connection: W 17.5 x 19 AG
 Atomiser air: hose NW 8/9 mm or G1/4 AG

Weight

without material cup approx. 570 g

Noise emission

Contin. sound pressure level, nozzle-dependent: 73 to 96 dB (A)



	Stainless steel			Standard*							
Pistol body / Parts in contact with coating substance	+			x							
Air nozzle / brass, nickel-plated / mm	0.3	0.5	0.8	1.0	1.2	1.5	1.8	2.0	2.2	2.5	3.0
Flat / Circular F	-	-	-	-	-	-	-	x	x	x	x
Flat / Circular F2	-	-	-	-	-	-	x	x	x	x	-
Air nozzle / brass, PTFE / mm	0.3	0.5	0.8	1.0	1.2	1.5	1.8	2.0	2.2	2.5	3.0
Flat / Circular F	-	-	-	-	-	-	-	+	+	+	+
Flat / Circular F2	-	-	-	-	-	-	+	+	+	+	-
	SIZE I				SIZE II						
Air nozzle / brass, nickel-plated / mm	0.3 to 1.8				2.0 to 2.5						
Flat / Circular HV3 A	x				x						
Flat / Circular HV3 G	x				x						
Flat / Circular HV3 H (Standard)	x				-						
	SIZE I				SIZE II						
Air nozzle / brass, PTFE / mm	0.3 to 1.8				2.0 to 2.5						
Flat / Circular HV3 A	+				+						
Flat / Circular HV3 G	+				+						
Flat / Circular HV3 H	+				-						
Material nozzle / HVLV / stainless steel / mm	0.3	0.5	0.8	1.0	1.2	1.5	1.8	2.0	2.2	2.5	
Flat / Circular HV3 (Standard)	x	x	x	x	x	x	x	x	x	x	
Material nozzle / HVLV / stainless steel, hardened / mm	0.3	0.5	0.8	1.0	1.2	1.5	1.8	2.0	2.2	2.5	
Flat / Circular HV3	+	+	+	+	+	+	+	+	+	+	
Material nozzle / HVLV / tungsten carbide / mm	0.3	0.5	0.8	1.0	1.2	1.5	1.8	2.0	2.2	2.5	
Flat / Circular HV3	-	-	-	-	+	+	+	+	+	+	
Material needle / mm	0.3	0.5	0.8	1.0	1.2	1.5	1.8	2.0	2.2	2.5	
Stainless steel (Standard)	x	x	x	x	x	x	x	x	x	x	
Stainless steel / hardened	+	+	+	+	+	+	+	+	+	+	
Stainless steel / hard chrome-plated	+	+	+	+	+	+	+	+	-	+	
Tungsten carbide	-	-	-	-	+	+	+	+	+	+	
Plastic	+	+	+	+	+	+	+	+	+	+	
Stainless steel / protruding needle	-	+	+	+	+	+	+	+	-	+	
Material connection / gravity cup	Aluminium		Copper, nickel-pl.				Plastic				
170 ml NORMA	+										
250 ml UNI	+										
250 ml NORMA			+								
500 ml UNI	+		+				+				
500 ml NORMA	+		+								
750 ml UNI	+										
1000 ml UNI	+										
Material connection / gravity pressure cup	Aluminium		Aluminium with pressure regulator								
250 ml	+		+								
500 ml	+		+								
750 ml	+		+								

x no surcharge + surcharge - not available

* Aluminium / Brass / Plastic parts

