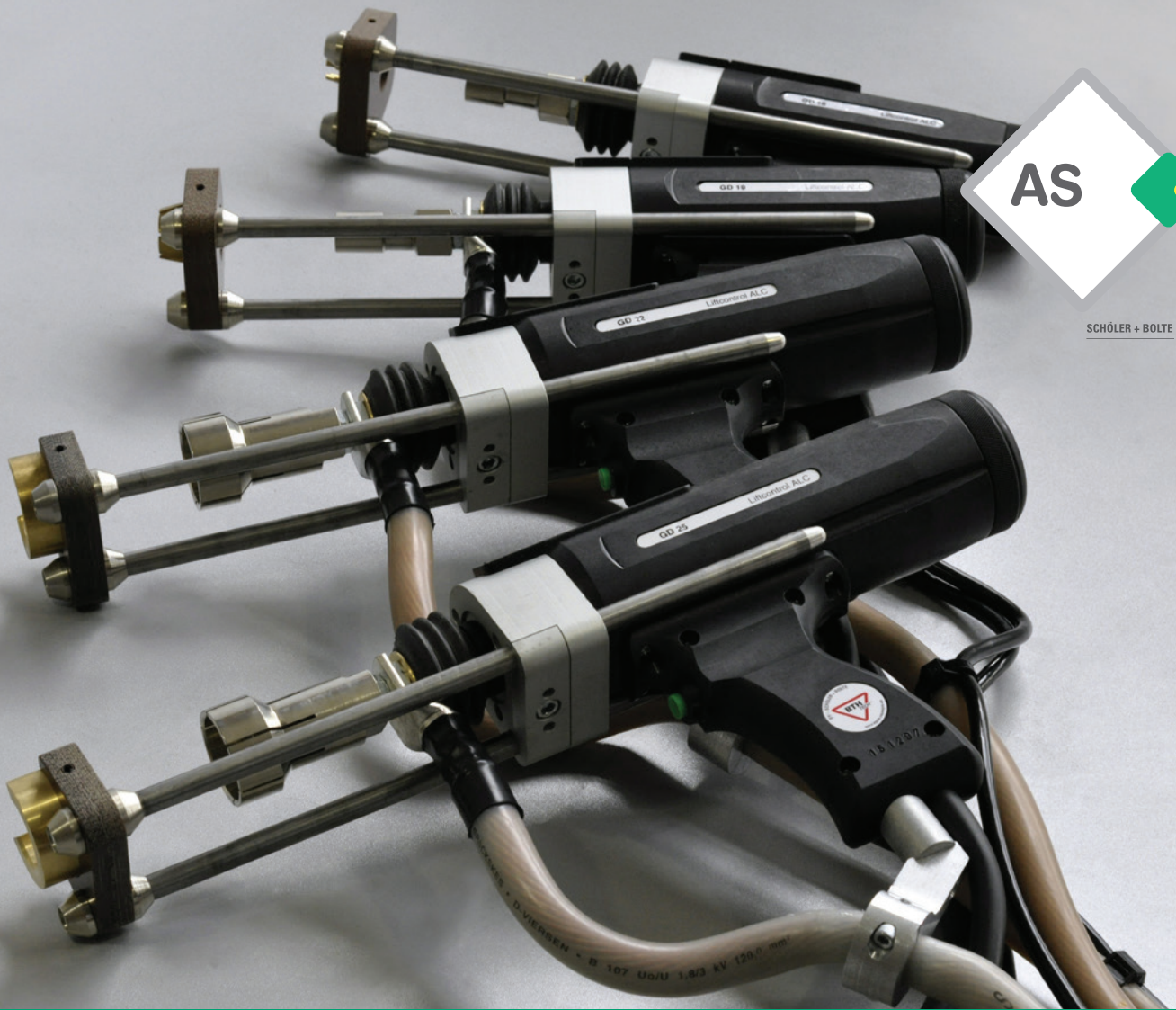


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STUD WELDING TECHNOLOGY BY



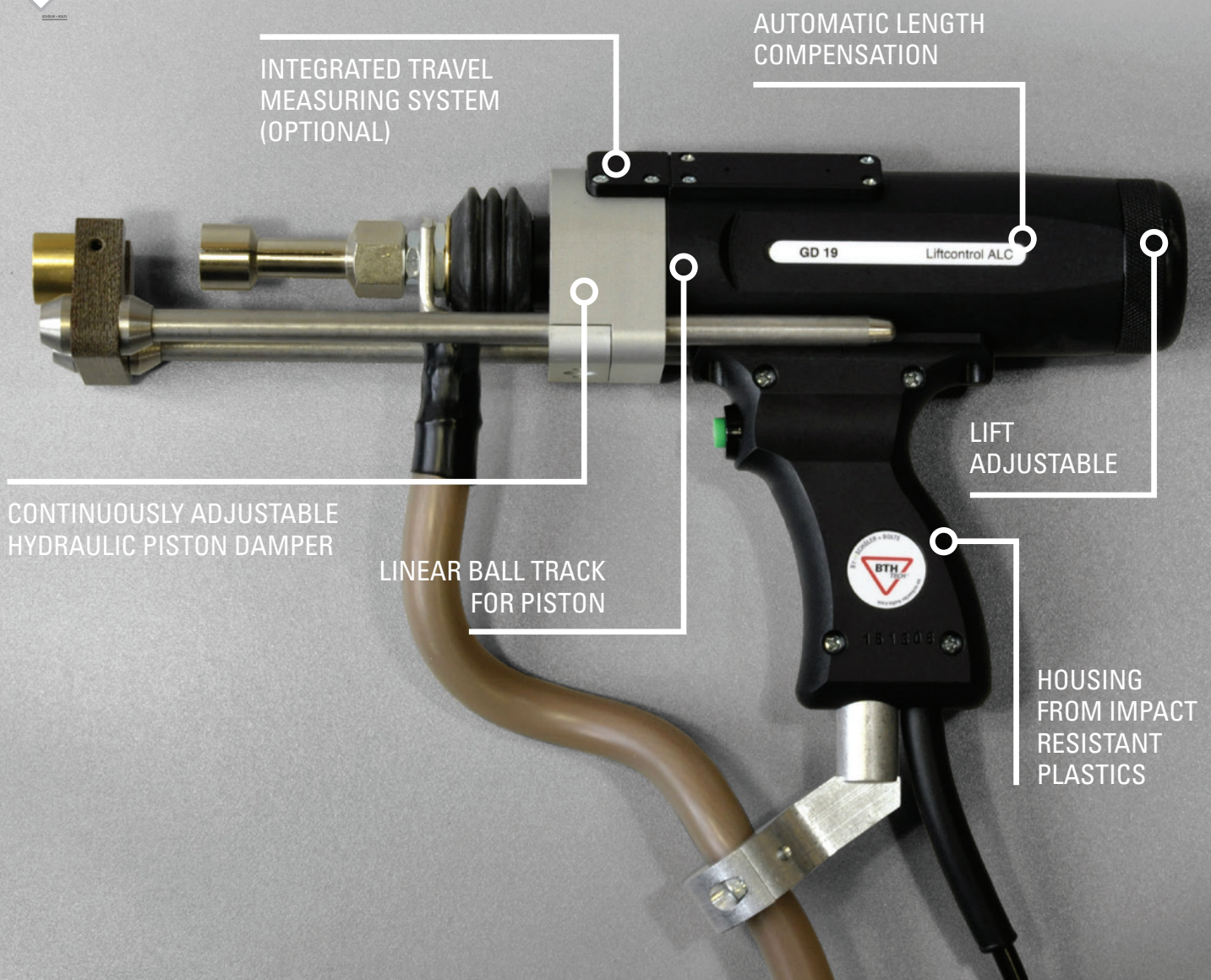
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GD

STUD WELDING GUNS FOR DRAWN ARC STUD WELDING



SCHÖLER + BOLTE



INTEGRATED TRAVEL MEASURING SYSTEM



- » MEASURING OF STUD TRAVEL (LIFT, PISTON RUNTIME AND IMMERSION DEPTH)
- » MEASURED VALUES ARE SHOWN IN THE DISPLAY OF THE STUD WELDING UNIT*

ADVANTAGES

- » very easy adjustment and checking of lift
- » A correctly adjusted lift is a key factor for a high-quality stud weld.
➔ As the adjusted lift is shown in the display of the unit time-consuming manual measuring is no longer necessary.

MONITORING OF WELDING QUALITY

- » Comparison of actual values to set values for each weld
➔ in case of variances a warning is displayed or the unit is locked for further welds
- » storage of the last ten welding parameter sets in the stud welding unit
optional: welding parameter memory for 24500 welding parameter sets

*Only in connection with series PRO-I, PRO-D and PRO-C units.





TECHNICAL DATA AND CHARACTERISTICS

	GD 16	GD 19	GD 22	GD 25
Welding method				
Drawn arc (ceramic ferrule)	x	x	x	x
Drawn arc (shielding gas)	o	o	o	o
Welding range (Ø mm)				
Drawn arc (ceramic ferrule)	3 - 16	3 - 19	3 - 22	3 - 25
Drawn arc (shielding gas)	3 - 12	3 - 12	3 - 12	3 - 12
Lift (mm) adjustable	0 - 4	0 - 4	0 - 6	0 - 6
Hydraulic piston damper (continuously adjustable)	x	x	x	x
Integrated travel measuring system	o	o	o	o
Piston guide				
Linear ball track	x	x	x	x
Automatic length compensation	x	x	x	x
Welding cable				
-cross-section (mm ²)	50	95	95	120
-length (m)	5	2	2	2
Welding cable				
inside	x			
outside		x	x	x
Control cable plug	12-pin	12-pin	12-pin	12-pin
Housing from impact resistant plastics	x	x	x	x
Protection of piston guidance from welding spatters	x	x	x	x
Dimensions				
Width (mm)	68	68	68	68
Height (mm)	180	180	180	180
Length (mm)	260	260	295	295
Weight without cable (kg)	1,86	1,86	2,45	2,45

x – Standard, o – Option





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