



PHM

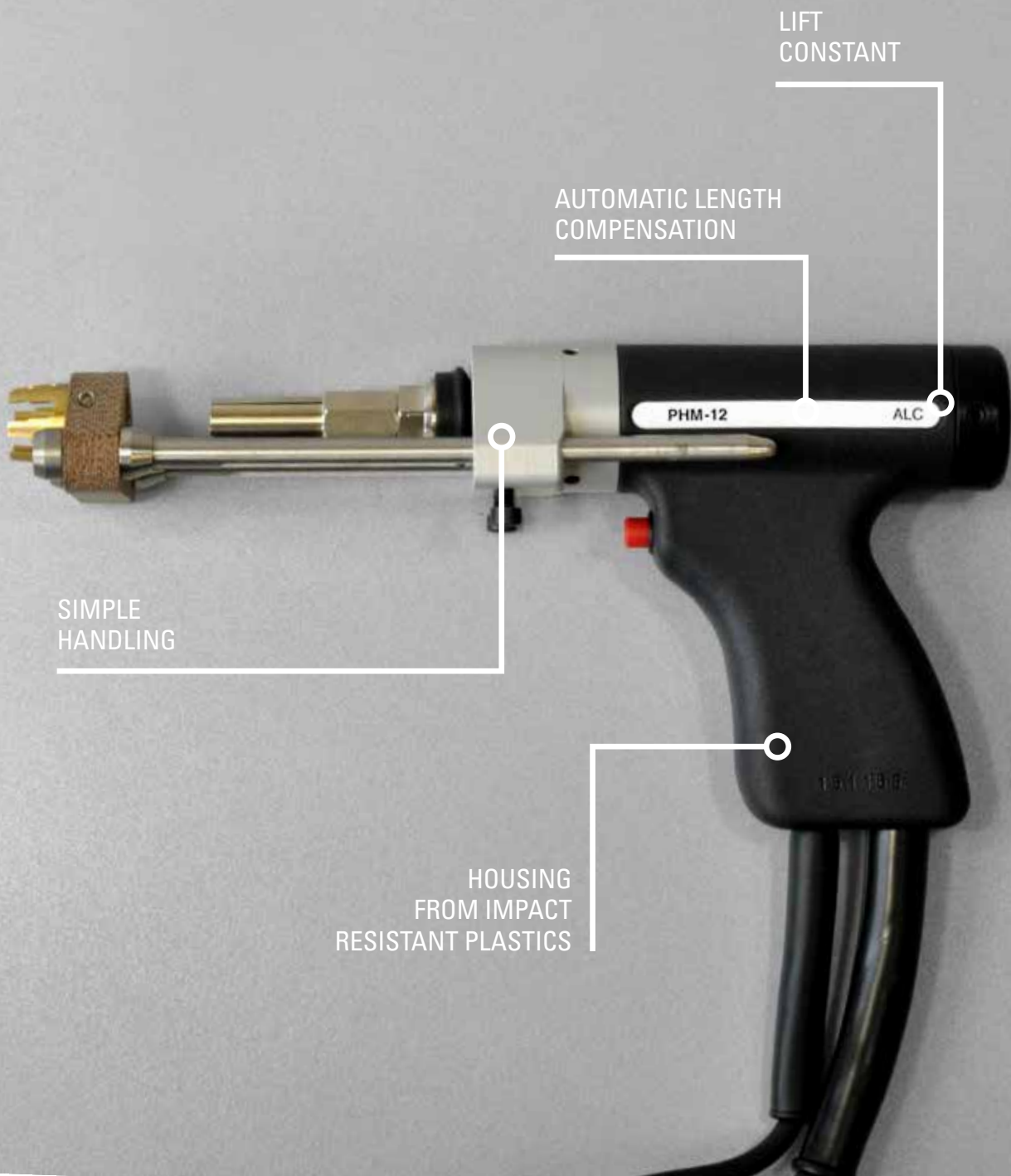
STUD WELDING GUNS FOR DRAWN ARC AND SHORT CYCLE STUD WELDING



STUD WELDING TECHNOLOGY BY



STUD WELDING



SIMPLE
HANDLING

HOUSING
FROM IMPACT
RESISTANT PLASTICS

AUTOMATIC LENGTH
COMPENSATION

LIFT
CONSTANT

PHM-12

ALC

19.1.19.6

TECHNICAL DATA AND CHARACTERISTICS

| | PHM-10 | PHM-12 | PHM-160 | PHM-161 |
|--|--------|--------|---------|---------|
| Welding method | | | | |
| Drawn arc (ceramic ferrule) | | x | x | x |
| Short cycle | x | | | |
| Drawn arc (shielding gas) | | o | o | o |
| Welding range (Ø mm) | | | | |
| Drawn arc (ceramic ferrule) | | 3 - 12 | 3 - 16 | 3 - 16 |
| Short cycle | 2 - 10 | | | |
| Drawn arc (shielding gas) | | 3 - 12 | 3 - 12 | 3 - 12 |
| Lift (mm) constant | 1,5 | 2 | 2 | 2 |
| Hydraulic piston damper (continuously adjustable) | | | | x |
| Piston guide | | | | |
| Slide-bearing | x | x | | |
| Linear ball track | o | o | x | x |
| Automatic length compensation | x | x | x | x |
| Welding cable | | | | |
| -cross-section (mm ²) | 35 | 35 | 50 | 50 |
| -length (m) | 5 | 5 | 5 | 5 |
| Welding cable inside | x | x | x | x |
| Control cable plug | 7-pin | 7-pin | 7-pin | 7-pin |
| Housing from impact resistant plastics | x | x | x | x |
| Protection of piston guidance from welding spatters | x | x | x | x |
| Dimensions | | | | |
| Width (mm) | 40 | 55 | 67 | 67 |
| Height (mm) | 130 | 130 | 172 | 172 |
| Length (mm) | 183 | 173 | 255 | 255 |
| Weight without cable (kg) | 0,8 | 0,95 | 1,7 | 1,7 |

x – Standard, o – Option



Bolte GmbH

Flurstraße 25
D-58285 Gevelsberg

Tel.: +49 (0)2332 55106-0
Fax: +49 (0)2332 55106-11

Ohmstraße 3
D-85221 Dachau

Tel.: +49 (0)8131 5159-0
Fax: +49 (0)8131 5159-11

E-Mail: info@bolte.gmbh



www.bolte.gmbh