# HM 3 H

Due to its narrow and innovative construction, high level of user friendliness, and long service life, the HM 3 H sets new standards for quality and cost effectiveness. Thanks to its compact construction, it allows easy, uncomplicated, and "fast" crimping. The intuitive UNIFLEX Software on the convenient Control C.2 Touch completes the HM 3 H and ensures product quality. The HM 3 H is compact and easily accessible.




HM 3 H

**Engineered solutions using quality components**

- Smaller machine increases ergonomics
- Full length of fittings crimped in one stroke increases product quality and production efficiency
- Noiseless high-quality pump

**Slide bearing technology**

- No greasing improves cleanliness of machine and prolongs its lifetime
- Maximum productivity with very low maintenance costs
- Flaking cannot stick in grease, no risk of prematurely damaging the crimping head
- End product can be used in sanitary applications without cleaning
- 20% more capability for crimping stronger or more difficult couplings versus our competition's equivalent crimpers
- Consistently accurate crimp result

**CE compliant**

We reserve the right to make technical changes without notice. Options are machine parts that can only be ordered while buying the machine.

## Package



QDS 239 B

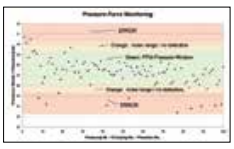


QDC 239.5

Package = Machine
+ PB Ø 17, 20, 24, 28, 32, 40, 44, 50
+ QDC 239.5
+ QDS 239 B
+ Control C.2

## Pressure Force Monitoring

PFM – Standard on all machines with Control C.2





UDL included with Control C.2

Quality-enhancing option for series production. With PFM, the upper and lower pressure limits can be set by adjusting the tolerance values obtained from test pressing.
Pressures outside these limits are output as errors. It is possible to let the machine switch off at a fixed upper or lower limit, thereby obtaining a higher process safety.




Multistep




Crimping by Pressure

## Accessories



TU Work Bench



SHS

# Technical Data



## HM 3 H

| Technical data | HM 3 H |
|---|---|
| Crimp force (kN / Ton) | 750/75 |
| No grease: 20% less friction | ✓ |
| Control | Control C.2 + Touch |
| SAE R 12 /4SP* 2 piece fitting* | 1" |
| 4 SH* 2 piece fitting* | ¾" |
| SAE R 15* 2 piece fitting* | ¾" |
| Industrial* | 2" |
| 90° Elbows* | 1½" |
| Max. Crimp range | 70 mm |
| Opening | +35 mm |
| Opening without dies | 105 mm |
| Master dies length (mm) | 100 mm |
| Type of dies | 239-xx-Ø-yy |
| Speed (mm/sec) | |
| Close<br>Crimp<br>Open | 8,3<br>8,3<br>13,8 |
| Noise level | 53 dBA |
| Drive | 5,5 kW 3 VAC |
| Oil | 50 L |
| L x W x H (mm) | 720 x 600 x 672 |
| Weight | 193 kg |

* According to the fitting.

| Type of dies | |
|---|---|
|  239-xx-Ø-yy | |
| Ø mm | mm |
| 6,8 | 50 |
| 9 | 50 |
| 10 | 50 |
| 12 | 65 |
| 14 | 65 |
| 16 | 65 |
| 17 | 65 |
| 19 | 65 |
| 20 | 65 |
| 22 | 65 |
| 24 | 65 |
| 26 | 65 |
| 28 | 80 |
| 30 | 80 |
| 31 | 80 |
| 32 | 80 |
| 34 | 80 |
| 36 | 80 |
| 38 | 80 |
| 39 | 80 |
| 40 | 80 |
| 44 | 80 |
| 47 | 100 |
| 50 | 100 |
| 54 | 100 |
| 57 | 100 |
| 62 | 100 |

## Additional Information



A 90° elbow with long ending is no problem for the UNIFLEX HM 3 H. While our competition still searches, we have the solution.



With our two position holes-system, the insertion of all dies from both sides is easy and quick. You can also choose two different options to position your die set.

## Accessories



QDS 239 R



TU Rack PB239



Oil Cooler
OC HM xxx

## Control C.2: Accessories



Customized software



Electronic caliper



Calibration mandrel



Barcode scanner



TA (A)



PTS



LUF



PS Double foot pedal



RFID



ULS



807.2