



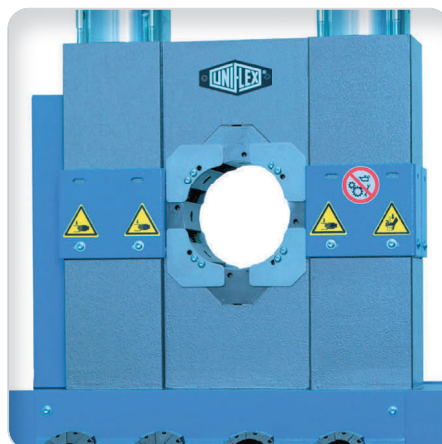
Due to their narrow, innovative construction, high level of user friendliness, and long service life, the HM 222, HM 225 and HM 230 set the standard for quality and cost effectiveness. Their unrivaled accessibility makes ergonomic working possible in production and series manufacturing. The tried and tested greaseless slide bearing technology reduces maintenance costs, and the strong crimping force of up to 1350 /1600/1800 kN.



HM 230 IPC



Special machine HM 225 (IPC) with recess for 180° fittings



HM 230 IPC



HM 222



HM 225



HM 230

| Technical data               | HM 222            | HM 225            | HM 230              |
|------------------------------|-------------------|-------------------|---------------------|
| Crimp force (kN/Ton)         | 1,350/135         | 1,600/160         | 1,800/180           |
| No grease: 20% less friction | ✓                 | ✓                 | ✓                   |
| Control                      | Control IPC       | Control IPC       | Control IPC         |
| 4/6-spiral + 1-pc fittings*  | 1¼"               | 1¼"               | 2"                  |
| 4-spiral + 2-pc fittings*    | 1"                | 1¼"               | 2"                  |
| 4-spiral + interlock*        | ¾"                | 1"                | 1¼"                 |
| Industry hose*               | 2"                | 2"                | 3"                  |
| 90° Elbows*                  | 1½"               | 1½"               | 2"                  |
| Max. Crimp range             | 70 mm / 2.75"     | 70 mm / 2.75"     | 102 mm / 4"         |
| Opening                      | +35 mm / +1.38"   | +40 mm / +1.57"   | +40 mm / +1.57"     |
| Opening without dies         | 105 mm / 4.13"    | 110 mm / 4.33"    | 142 mm / 5.56"      |
| Master dies length           | 75 mm / 2.95"     | 90 mm / 3.54"     | 110 mm / 4.33"      |
| Type of dies                 | 239               | 239 -xx-ø-yy      | 239 -xx/266         |
| Press path (mm)              | 12                | 8                 | 17                  |
| Speed (mm/sec) **            |                   |                   |                     |
| Close                        | 10                | 19                | 27                  |
| Crimp                        | 5/10              | 1.5/3             | 3                   |
| Open                         | 10                | 19                | 40                  |
| Noise level                  | 53 dBA            | 53 dBA            | 63 dBA              |
| Drive                        | 5.5 kW 3~VAC      | 4 kW 3~VAC        | 5.5 kW 3~VAC        |
| Oil                          | 80 l              | 80 l              | 100 l               |
| L x W x H (mm)               | 645 x 560 x 1,450 | 645 x 560 x 1,470 | 470 x 1,130 x 1,580 |
| Weight (kg)                  | 310               | 470               | 550                 |
| <b>Options</b>               |                   |                   |                     |
| Control C.2                  | ✓                 | ✓                 | ✓                   |

| Type of dies |    | 239  |    |
|--------------|----|------|----|
| Ø mm         | mm | Ø mm | mm |
| 6.8          | 50 |      |    |
| 9            | 50 |      |    |
| 10           | 50 |      |    |
| 12           | 50 |      |    |
| 14           | 60 |      |    |
| 16           | 60 |      |    |
| 17           | 60 |      |    |
| 19           | 60 |      |    |
| 20           | 60 |      |    |
| 22           | 60 |      |    |
| 24           | 60 |      |    |
| 26           | 75 |      |    |
| 28           | 75 |      |    |
| 30           | 75 |      |    |
| 31           | 75 |      |    |
| 32           | 75 |      |    |
| 34           | 75 |      |    |
| 36           | 75 |      |    |
| 38           | 75 |      |    |
| 39           | 75 |      |    |
| 40           | 75 |      |    |
| 44           | 75 |      |    |
| 47           | 75 |      |    |
| 50           | 75 |      |    |
| 54           | 75 |      |    |
| 57****       | 75 |      |    |
| 62****       | 75 |      |    |

| Type of dies |        |     |
|--------------|--------|-----|
| 239-xx-ø-yy  |        | 266 |
| Ø mm         | mm     | mm  |
| 6.8          | 65     |     |
| 9            | 65     |     |
| 10           | 65     |     |
| 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*** | 110 |
| 67           |        | 110 |
| 71           |        | 110 |
| 74           |        | 110 |
| 78           |        | 110 |
| 84           |        | 110 |
| 86           |        | 110 |
| 92           |        | 110 |
| 94           |        | 110 |

\* According to the fitting. \*\* Standard: Half power twice faster included. \*\*\* Outside master dies length, consult UNIFLEX. .  
\*\*\*\* Not suitable for GDC 239.5.

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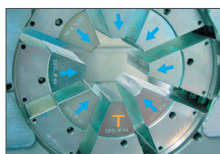
## Description



IPC – Intelligent-Press-Control



The compact, narrow and ergonomic construction makes working on both sides possible.



The fixed 6- o'clock die makes safe and low-force positioning of the workpiece possible.

Package HM 222:  
Machine  
+ PB Ø 17, 20, 24, 28, 32, 40, 44, 50  
+ QDS 239 B + GDC 239.5  
+ Control IPC

Package HM 225:  
Machine  
+ PB Ø 17, 20, 24, 28, 32, 40, 47, 54, 62  
+ QDS 239 B + GDC 239.5  
+ Control IPC

Package HM 230:  
Machine  
+ PB 239 Ø 17, 20, 24, 28, 32, 40, 44, 50 PB 266 Ø 57, 71  
+ Adapter dies 266.239L  
+ QDS 239 B + GDC 239.5  
+ Control IPC