

UNIFLEX HM 220 & 225: Synonymous with quality and cost effectiveness

HM 220 and HM 225 hose crimpers from UNIFLEX set standards for quality and cost effectiveness, high user-friendliness and a long service life thanks to their narrow, innovative design. Their high crimp force (1350 and 1600 kN, respectively) and vast accessibility offer everything users need for crimping large numbers of hydraulic fittings with nominal widths of up to 1" and 1 ¼" 4 SH, respectively, as well as up to 2" for industrial hoses. Via the Control C.2 system (ready for Industry 4.0), it is possible to crimp twice as fast with twice less force. The tried and tested lubrication-free slide bearing technology reduces the maintenance costs and enables UNIFLEX to provide a manufacturer's warranty for two full years.

The high ergonomic standard and versatility of these reliable production crimpers from UNIFLEX are also due to the big opening paths from 33 mm up to 105 and 110 mm (HM 225), respectively, (only with basic dies). This means it is also possible to crimp many 90° fittings effortlessly. Since the crimpers are particularly narrow, they can be operated and fed from both sides – furthermore, they can be easily maintained and, above all, quickly retooled. New crimping dies can be inserted in less than 13 seconds thanks to the quick-change tools and the two pin positions (only for the HM 225).

In fact, the crimping process takes less than 1 minute. Once the workpiece is placed on the fixed 6° clock die, closing and opening of the dies (10.5 mm each) take just 18.5 seconds each; the proper crimping process (5 mm) takes only 1.5 seconds. The crimpers are controlled using the tried and tested UNIFLEX Control C.2 system with 7" color touch screen.

The PTS system is available as an option. This accessory can be used to mark workpieces individually with an article or series number in one go with the crimping process by means of a special crimping die.

What's more, the HM 220 and HM 225 hose crimpers from UNIFLEX also feature the patented slide bearing technology with its decades of proven efficiency for lubrication-free crimping. Therefore, the crimpers require extremely little maintenance, stay clean, and deliver reliable and consistent crimping results over a long time, leading to roughly 20% higher productivity.

[More information about HM 220 & HM 225](#)
[Watch product video](#)

Figure: HM 220 / 225

Legend: Two lean production crimpers from UNIFLEX – fast, reliable and versatile operation from either side produces top-quality results.

About UNIFLEX

Based in Frankfurt, Germany, UNIFLEX Hydraulik GmbH has been developing, manufacturing and marketing innovative systems for industrial hose production and processing for more than 40 years. The company serves the entire global market; UNIFLEX exports more than three-quarters of its products, and has offices and subsidiaries in the Americas and Asia serving market leaders such as Caterpillar, Gates, and Parker.

UNIFLEX provides a two-year guarantee on all of its machines.

UNIFLEX hydraulic presses feature unique friction bearing technology; unlike lubricated presses, UNIFLEX presses are virtually friction-free and especially low on maintenance, as pressing without oiling is cleaner and less labour-intensive.

Apart from that, UNIFLEX presses are known for yielding the best possible work results, reliable return on investment and maximum ergonomics; a full range of accessories makes the various UNIFLEX models even easier to work with.

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We would be pleased to provide more information and visual materials on request.

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