ASSEMBLY MACHINE MP16

THE MACHINE
TO CONNECT

HENN

CONNECTING COMPETENCE

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FIELDS OF APPLICATION

· Materials: rubber hose, soft plastic, hard plastic, metal
· Products: HC.AIR, HC.AIR HP, HC.AIR M, HC+, HC+ HP, HC PSP, HC.WATER, HC.WATER PSP

SENSOR TECHNOLOGY

· Data matrix code scanner
· Light barrier
· Plug in detection of connector
· RFID antenna for tool identification
· Laser profile sensor
· Force sensor

OPERATING TEMPERATURE RANGE

10°C – 45°C

WEIGHT

Total weight ca. 350 kg
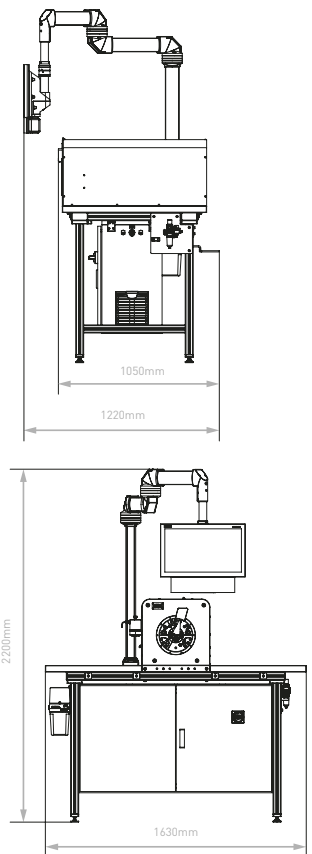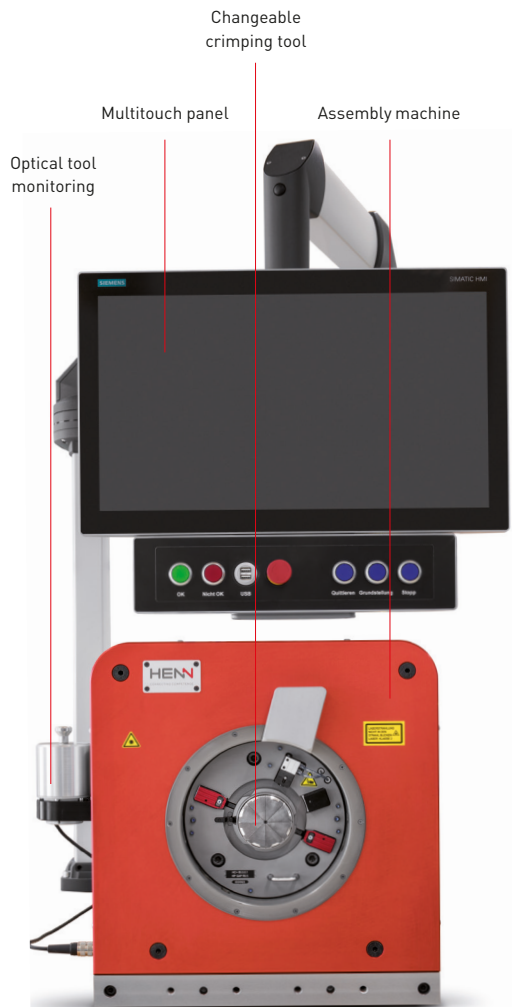(including table and control box)

PRODUCT BENEFITS

· Dedicated tool for each product and application
· Allround machine for all latest products
· Integrated wall thickness measurement for crimping of complex rubber materials
· Short cycle times
· High mobility due to fastened components
· Easy positionable multitouch panel
· With crimping tool wear monitoring
· Optimized for automatic handling systems
· Interface ready for external devices (optional)
· Fast setup of tooling

GENERAL INFORMATION

MP16 – The machine for every application. It can be used to crimp all materials from rubber hoses to plastic tubes (hard or soft) to metal pipes with all the latest HENN products, with an incredibly short crimping time of two seconds. Depending on the process time, up to 1.5 million crimpings per year and unit are possible.

All good connections are judged by their most intricate points. The fastening of a connector with a screw or pressure clamp onto the hose is a compromise. This is why HENN developed its own crimping method, which not only crimps the hose together permanently with the connecting piece, but also considers all material properties in the crimping layout. The connection, crimping system and parameter come from one source; nothing could be more secure and more affordable. No additional fastening elements are required.

Changeable crimping tool

Multitouch panel

Assembly machine

Optical tool monitoring

1050mm

1220mm

2200mm

1630mm

▲ Dimensions of the MP16

▲ Crimping tool set