WEISS WORLD.
PRESS INFORMATION.

INSPIRING PEOPLE
GREAT SOLUTIONS

Date Buchen, Germany, 14 February 2023

WEISS GmbH
Siemensstraße 17
74 722 Buchen
Germany

Phone +49 6281 52 08 0
Telefax +49 6281 52 08 99
E-Mail info@weiss-world.com
weiss-world.com

+++ **Pick & Place Module for large strokes with short cycle times** +++

WEISS has optimized its HP 70 Pick & Place Module. A flat ribbon cable now protects the pneumatic and signal lines instead of a spiral hose. This allows speed and the working space to be fully utilized.

For high-speed installation, the HP 70 Pick & Place Module from WEISS demonstrates its strengths with a maximum speed of 4 m/s. The working space is relatively large thanks to the horizontal stroke of up to 325 mm. In combination with an acceleration of 40 m/s2 and short cycle times, the high-speed motions exert high loads on the cable connections and the cable conduit. This is why WEISS has optimized this module. From now on, a flat ribbon cable will protect the media hoses. This cable combines four pneumatic lines and four signal lines. It is considerably more stable under motion, quieter, and less susceptible to wear. The automation specialist tested the new assembly in endurance tests over a period of several months. The module consisting of flat ribbon cable including the eight media lines is available as an option or spare part. Any HPs already in use can be retrofitted by WEISS Service.

Press Contact
Sonja AUFRECHT,
Senior Marketing & Communications Manager

E-Mail sonja.aufrecht@weiss-world.com
Phone +49 6281 52 08 6276

Suitable for cleanroom applications

The new HP 70 variant with flat ribbon cable is designed for cleanroom applications. The slim Pick & Place Module can handle materials in the medical and pharmaceutical industries, packaging tasks in the consumer goods industry, and assembly tasks in an automotive environment. HP 70 is equipped for safety-related applications. As standard, the encoder attachment ensures functional safety. Moreover, each motor is equipped with overtemperature protection (PTC).

WEISS WORLD.
PRESS INFORMATION.

INSPIRING PEOPLE
GREAT SOLUTIONS

Efficient in the tightest of spaces

The compact module is a mere 60 mm wide and weighs only 9 kg. The 70-mm vertical stroke never extends beyond the body of the component. It is produced using kinematics. This eliminates vertical linear motor movement – a major benefit in the cramped conditions of assembly lines. The Pick & Place Module is designed to save space and is able to map different process stations in a very confined area. This creates a functional subsystem, especially in combination with WEISS rotary indexing tables or linear transfer systems. It is integrated into the system as a whole using the plug-and-work principle. HP 70 features free programmability. The WEISS Application Software W.A.S. helps with integration. The control package simplifies programming and operation. System operators and users do not require any in-depth control knowledge. Up to 32 axes can be controlled with the W.A.S..

Image Caption

- WEISS improves the durability of its HP 70 Pick & Place Module with the flat ribbon cable as an optional media infeed. The new module is less susceptible to wear and is significantly more stable, especially in high-speed applications with large strokes.

WEISS GmbH
Siemensstraße 17
74 722 Buchen
Germany

Phone +49 6281 52 08 0
Telefax +49 6281 52 08 99
E-Mail info@weiss-world.com
weiss-world.com

Press Contact
Sonja AUFRECHT,
Senior Marketing & Communications Manager

E-Mail sonja.aufrecht@weiss-world.com
Phone +49 6281 52 08 6276

WEISS WORLD.
PRESS INFORMATION.

INSPIRING PEOPLE
GREAT SOLUTIONS

About WEISS

With its automation solutions, WEISS GmbH is one of the world's leading system suppliers in the automotive industry, machine and plant manufacturing, life science, and electronics. The reliable and durable rotary indexing tables, handling units, delta robots, and linear transfer systems are making the industrial production of tomorrow a reality. With its expertise in mechanical, mechatronic, and digital solutions, WEISS paves the way for industrial transformation. By applying their engineering expertise, knowledge of industries and processes, and high affinity for serving customers, the experts assist system integrators and producers in designing and operating innovative and sustainable production plants. The family-owned company with headquarters in the city of Buchen in Germany's Rhine-Neckar metropolitan area, operates on a global scale. Founded in 1967, WEISS now has a staff of around 700 employees in its sales, service, and manufacturing locations in 49 countries.

Social Media. Follow us.

LinkedIn	https://www.linkedin.com/company/weiss-world
Xing	https://www.xing.com/pages/weissgmbh
Facebook	https://www.facebook.com/WEISS.HQ
Instagram	https://www.instagram.com/karrierebeiweiss

WEISS GmbH
Siemensstraße 17
74 722 Buchen
Germany

Phone +49 6281 52 08 0
Telefax +49 6281 52 08 99
E-Mail info@weiss-world.com
weiss-world.com

Press Contact
Sonja AUFRECHT,
Senior Marketing & Communications Manager

E-Mail sonja.aufrecht@weiss-world.com
Phone +49 6281 52 08 6276

WEISS WORLD.
PRESS INFORMATION.

INSPIRING PEOPLE
GREAT SOLUTIONS