

DC-CNC800 – the perfect combination of flexibility and dynamics

Bondexpo 2017: RAMPF Production Systems presents compact dispensing cell for efficient sealing, bonding, and encapsulating

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Zimmern o. R., August 28, 2017. RAMPF Production Systems, a leading provider of innovative production systems with integrated dispensing systems, is presenting the compact dispensing cell DC-CNC800 at Bondexpo 2017 in Stuttgart, Germany, from October 9 - 12 – Hall 6, Booth 6404.



Compact, yet plenty of room – RAMPF's compact dispensing cell DC-CNC800 for efficient sealing, bonding, and encapsulating.

The DC-CNC800 mixing and dispensing system from RAMPF Production Systems is the perfect solution for users requiring a compact machine construction without compromising on control technology.

Featuring an integrated material preparation system, the machine has the capability to be fitted with piston or gear pumps. For modular control, a CNC Siemens Sinumerik control system and Beckhoff control technology are available. A further advantage: integrated process control for continuous monitoring of pressure, fill level, and speed.

High-pressure rinse agent recycling and water-rinsing system

The DC-CNC800 can be optionally equipped with a high-pressure rinse agent recycling and water-rinsing system, numerous other automated equipment components, and the MS-C mixing system for dispensing rates of 0.1 g/sec and higher. Further features: standardized operating concepts for sliding tables, rotary index plates, and conveyor feeds, as well as the integration of vacuum barrel presses for gap fillers.

The compact dispensing cell has been fitted with larger tanks, enabling small containers to be fully filled in a single step. The DC-CNC800 also features easy accessibility for maintenance work on the piston and gear pumps, and controls.

The mixing and dispensing system is also used, amongst others, in the electrical industry, where it ensures exceptional process reliability when applying highly filled heat dissipation materials to electronic assemblies. Visitors to Bondexpo can see this for themselves at the RAMPF booth, where the DC-CNC800 will process a highly conductive casting material.

Automation of production facilities with integrated dispensing technology

RAMPF Production systems will also be featuring its capabilities for the automation of production facilities with integrated dispensing technology. By combining its comprehensive process expertise with elaborate automation solutions, RAMPF provides maximum benefit for customers. The automation expertise covers, amongst others, handling and robotics, component transport, control technology, recording all process parameters with MES connection, as well as heat treatment.

www.rampf-gruppe.de/en/



RAMPF Production Systems GmbH & Co. KG develops and produces mixing and dispensing systems for bonding, sealing, foaming, and casting a wide variety of materials. The company also offers a wide range of automation skills relating to all aspects of process engineering.

With its more than 2,800 systems solutions on the market, RAMPF Production Systems, based in Zimmern o. R., Germany, is one of the world's leading suppliers of innovative systems for processing single, dual, and multi-component reactive resin systems.

In addition to the core competence of mixing and dispensing technology, customers are provided with a broad range of automation and conveyor systems for internal logistics, additional assembly and joining technology, as well as logistic and quality assurance solutions. The customer-specific solutions also include the integration of testing and measuring technology into production facilities to safeguard production processes.

This added value enables RAMPF Production Systems to supply its customers with holistic system solutions for their production facilities.

RAMPF Production Systems is a company of the international **RAMPF Group** based in Grafenberg, Germany.

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