komage

Powder Compacting Systems

Truly electric: Powder press E

Created by Komage

New

BE THE FIRST

First servo-electric powder press in ejection method

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First servo-electric powder press in ejection method

GOOD FOR THE ENVIRONMENT

Good for your ROI

LESS IS MORE

Substantial reduction of energy costs

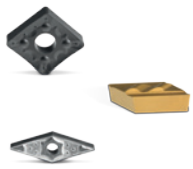
Servo-electric powder press E in ejection method

Decades of experience in building hydraulic presses using the ejection principle and the worldwide success of this design led Komage to develop a servo-electric ejection press, the new E Series. This press operates, like all Komage multi-level presses, without fixed stops and is freely programmable. Due to the fact that the punches are held freely in the press position, the pressure on the pressed part can be relieved in both axial directions, unlike when pressing with fixed stops. Punch compression and spring-back effect can therefore be compensated; this ensures crack-free removal of the pressed part. In addition, the constant removal height of the parts due to the ejection method enables easy and cost-effective implementation of all automation solutions and fill devices.

Applications

Graphite

Carbon Brushes



Tungsten Carbide Tips

Ceramics

Magnets

Powder Metal

A real space-saver

The E Series with compact design

The footprint of a machine has become a real cost factor in global production. So it's good that the new E Series from Komage takes up to 50 % less space than hydraulic presses with comparable pressing force.

Unique spindle technology

The E Series features a new drive technology that safely avoids the spotty wear that occurs in conventional spindle drives.

Advantages

✓ Ejection method	✓ High spindle lifetime
✓ Low energy consumption	✓ Low-noise
✓ Environment-friendly	✓ Small footprint
✓ Low maintenance and operating costs	✓ High productivity

Features

Servo-electric drive for all pressing and additional axes
Unique spindle technology (no spotty wear)
High-precision guides for quick-change clamping tool systems
Free programmability of all servo-electrically driven axes
No fixed stops

Technical specifications

Pressing force	300 kN
Ejection force	300 kN
Counterforce	300 kN
Max. filling depth	customizable up to 200 mm
Dimensions	165 x 145 cm

Komage powder press systems

Mechanical powder presses of Series K

Hydraulic powder presses of Series S

Servo-electric powder presses of Series E

Mechanical servo-electric powder presses of Series KE

Made in Germany

Created by Komage

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