



Powder Compacting Systems

# Truly efficient: Powder press KE

*Created by Komage*

New



GOOD FOR  
YOUR ROI

Long-lasting, economic  
and highly efficient

## HIGH PERFORMANCE

High quantities at low production costs



## GOOD FOR YOUR ROI

And good for the environment

## The KE combines productivity and press-technical flexibility with the advantages of electric drives

The machines of the KE Series are mechanical high-performance presses with a servo-electrically driven, freely programmable die axis. Komage has designed the presses of the KE Series specifically for manufacturing large quantities of molded parts from powder-based materials.

Due to the unique combination of mechanical top punch drive and servo-electric die drive, the user has a press system which combines the advantages of hybrid presses, i.e. the

combination of productivity and press-technical flexibility, with the benefits of electric drives. As a result, the use of KE press systems can significantly reduce operating costs due to savings in energy consumption and maintenance.

With the launch of the mechanical servo-electric powder presses of the KE Series, Komage is continuing the consequent development of its range of low energy consumption presses.

## Applications



Carbon Brushes



Refractories



Graphite



Powder Metal

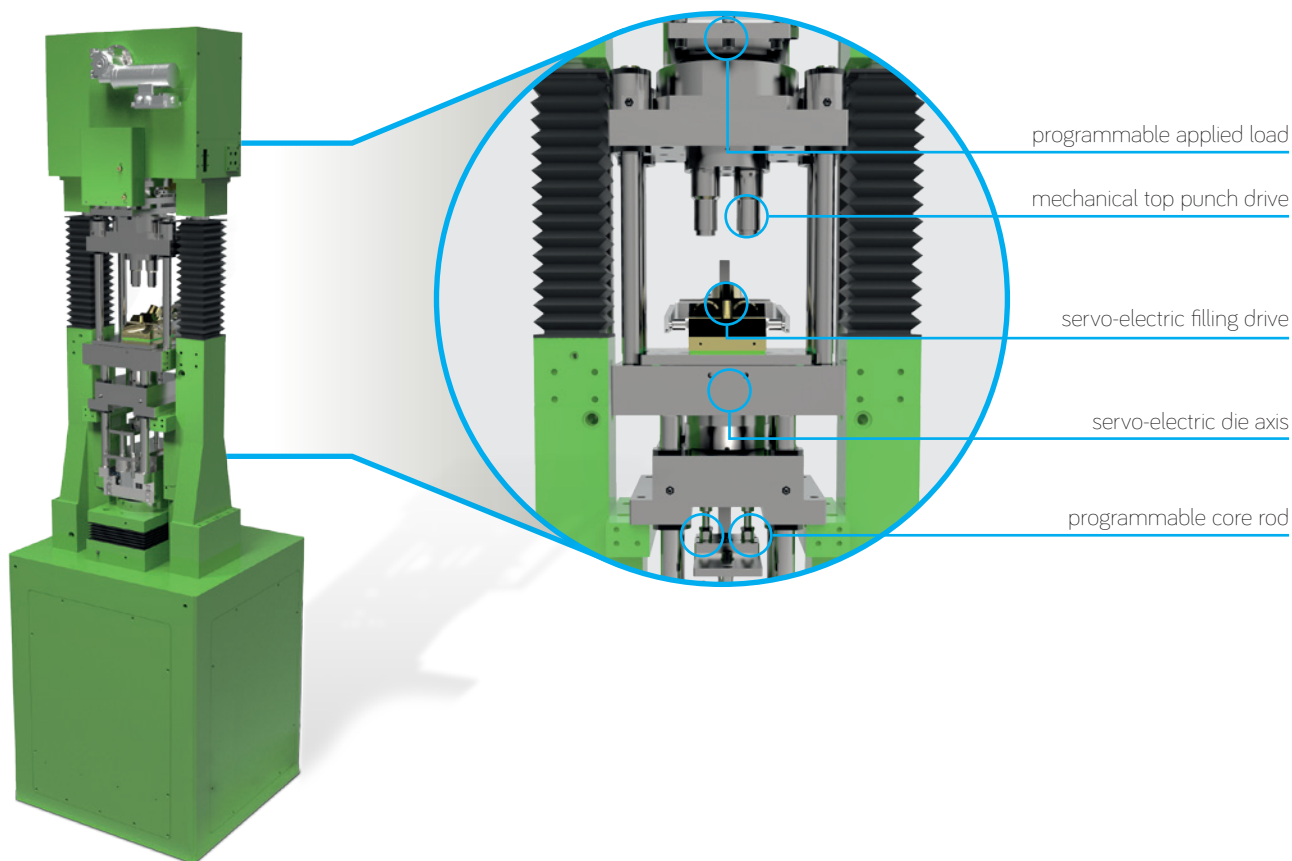


Ceramics



Tungsten Carbide





## Features

Servo-electric drive for die and filling axes
Unique spindle technology (no spotty wear)
Free programmability of all servo-electric axes
KOMPART program generator: fast, easy, error-free
Straightforward setup: easy programming using software instead of complicated mechanical adjustment
Electronic handwheel: easy setup of axes for tool installation
Effortless integration of third-party adapters
No fixed stops

## Advantages

✓ High flexibility
✓ High stroke rates
✓ High spindle lifetime
✓ Low energy consumption
✓ Environment-friendly
✓ Small footprint
✓ Low maintenance and operating costs

## Technical specifications

Pressing force	200 - 500 kN
Withdrawal force	160 kN
Counterforce	160 kN
Top punch travel	140/158 mm
Max. filling depth	customizable up to 150 mm
Dimensions	140 cm x 223 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*