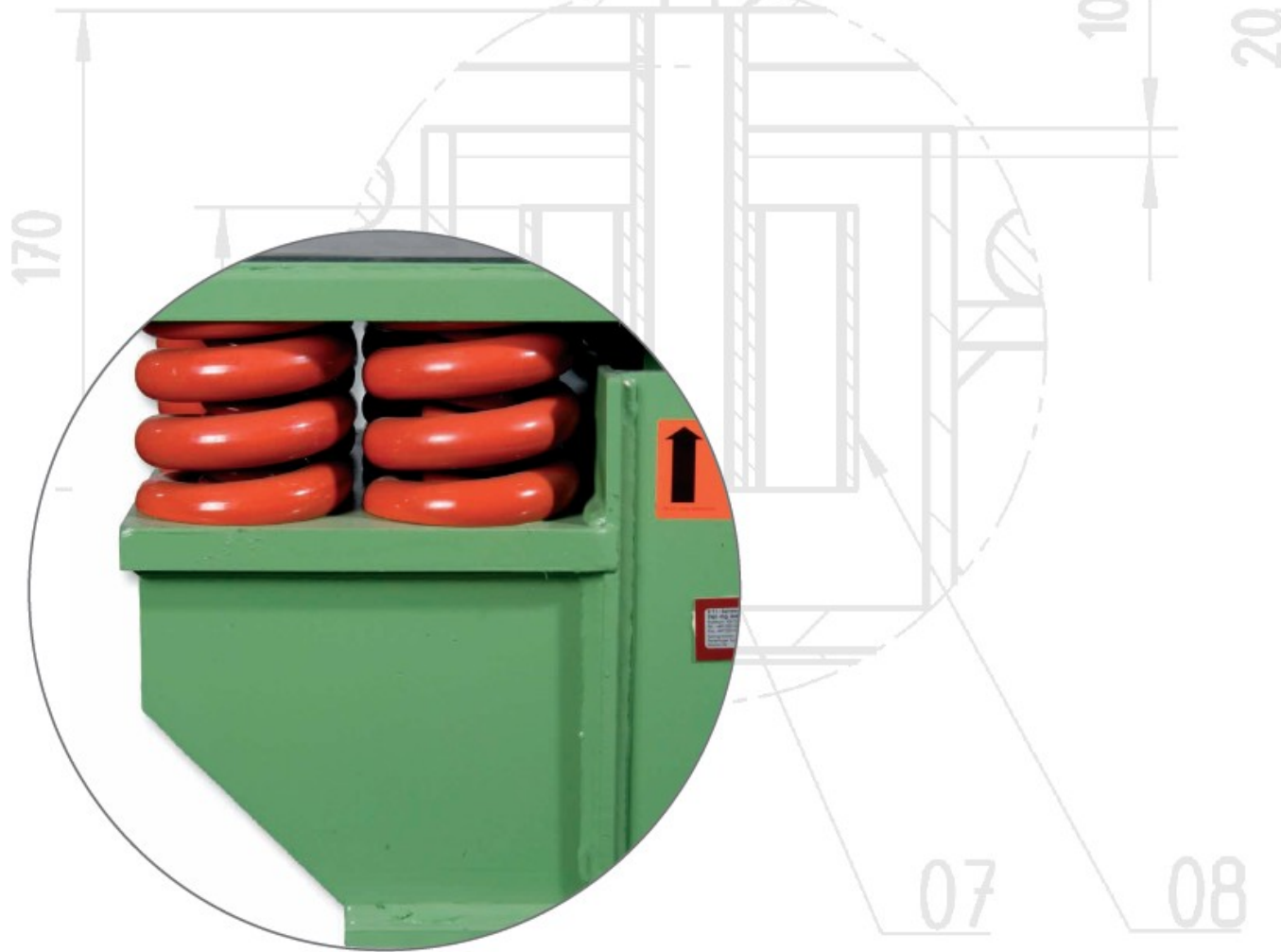


The New Generation of High-Tech Spring Supports



KTI Vibration Isolation Systems

- Vibration Isolation of large and very large machines
- From machine weights of 10 tons to 3000 tons
- Economic and compact modular construction

Applications & Services

Spring supports with viscous safety damping
for the vibration-isolation of

- **Presses and punch presses** with load capacities of 500 kN to 20,000 kN
- **Forging presses** with a compressive force of 500 kN to 15,000 kN
- **Forging hammers** with a blow energy of 10 kJ to 400 kJ
- **Car shredders** with a machine weight of up to 500 tons

- **Turbines** with up to 300 MW output
- **Pumps & blowers**
- **Roll grinding machines** with a grinding length of up to 15,000 mm
- **Test stands, centrifuges** with variable speeds
- **Pipeline dampers** with a damping force of 2 kN to 500 kN
- **Building isolation** for building weights of up to 2,000 tons

- Static and dynamic calculations
- Shuttering and reinforcement plans for spring supported foundations
- Vibration certificates and vibration measurements
- Construction supervision and erection

Advantages

- Compact modular rectangular design with economic construction
- Special designs can be adapted to machine pedestals
- Load capacities of up to 280 t/m²
- Low construction height, minimal floor space requirement
- High quality, polyester coated steel springs
- Easily calculable damping values

Customers

Presses and punch presses:

Schuler-Gruppe, SMG, Schuler-Hydrap, Müller-Weingarten AG, Dieffenbacher, Heilbronn, Haulick-Roos, Kaiser, Raster, Fagor, Arisa, Aida, Colombo Agostino, Zani, Mossini, Hydromec, Verson, Clearing, Ssangyong, WIA, Hwail, Simpac, Komatsu

Forging hammers:

Lasco, Bêché, Weingarten, Banning, Gebr. Wolff, Müller, Smeral, Massey, MPM

Car shredders:

Svedala-Lindemann, Lynxs,

Turbines, pumps, fans:

Siemens-KWU, ABB, MAN, GEC-Alstom, Ansaldo, Franco Tosi, Sulzer, Skoda

Roller grinding machines:

Herkules, Waldrich, Naxos, Ingersoll, Techint-Pomini

Testing machines, centrifuges, other:

Hyundai, Daimler Chrysler, VW, GEA-Westfalia, Kraus Maffei AG, Klink, Mazda



Press spring support
for loads of up to 250 tons



Prestressing area on
the press spring support



Standard spring
support with viscous damping



Small spring support
for loads of up to 10 tons