

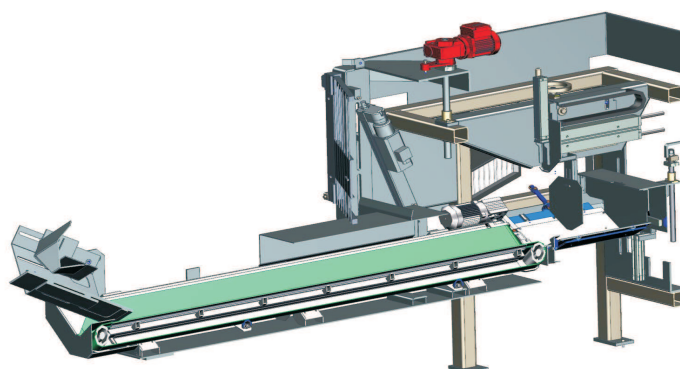
Automatic suspension spring handling system

with defined positioning for right-hand and left-hand-coiled springs

With this newly suspension spring handling system, WAFIOS AG offers a fully automated solution for the transport of springs (e.g. performance springs) from the operating range of a suspension spring coiling machine, type FUL 10, FUL 103, FMB 1, etc.

■ Our Accomplishments for your benefit

- ✓ Adjustable height and inclination of the conveyor belt
- ✓ Simple removal of transport system for set-up work
- ✓ Infinitely adjustable speed of the conveyor belt
- ✓ Minimum length of cycle: 5 sec
- ✓ Synchronisation of machine and transport system by the use of a SPS control system



■ Technical specifications / operating range

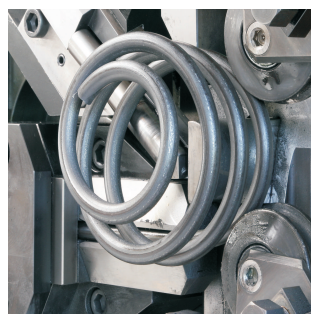
- Wire diameter 8,0 mm - 18,5 mm
- Spring body diameter 70 mm - 250 mm
- Spring body height 100 mm - 400 mm
- Spring weight 3,5 kg - 12,0 kg
- Spring temperature 10°C - 60°C
- Spring shapes: cylindrical, barrel-shaped, simple-conical or double conical

■ Function

- Automatic transport of springs
- Two conveyor belts arranged in a V shape for an exact positioning of the spring
- Transfer of spring to a downstream transport system
- Transfer by two pneumatically actuated flaps

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Services