

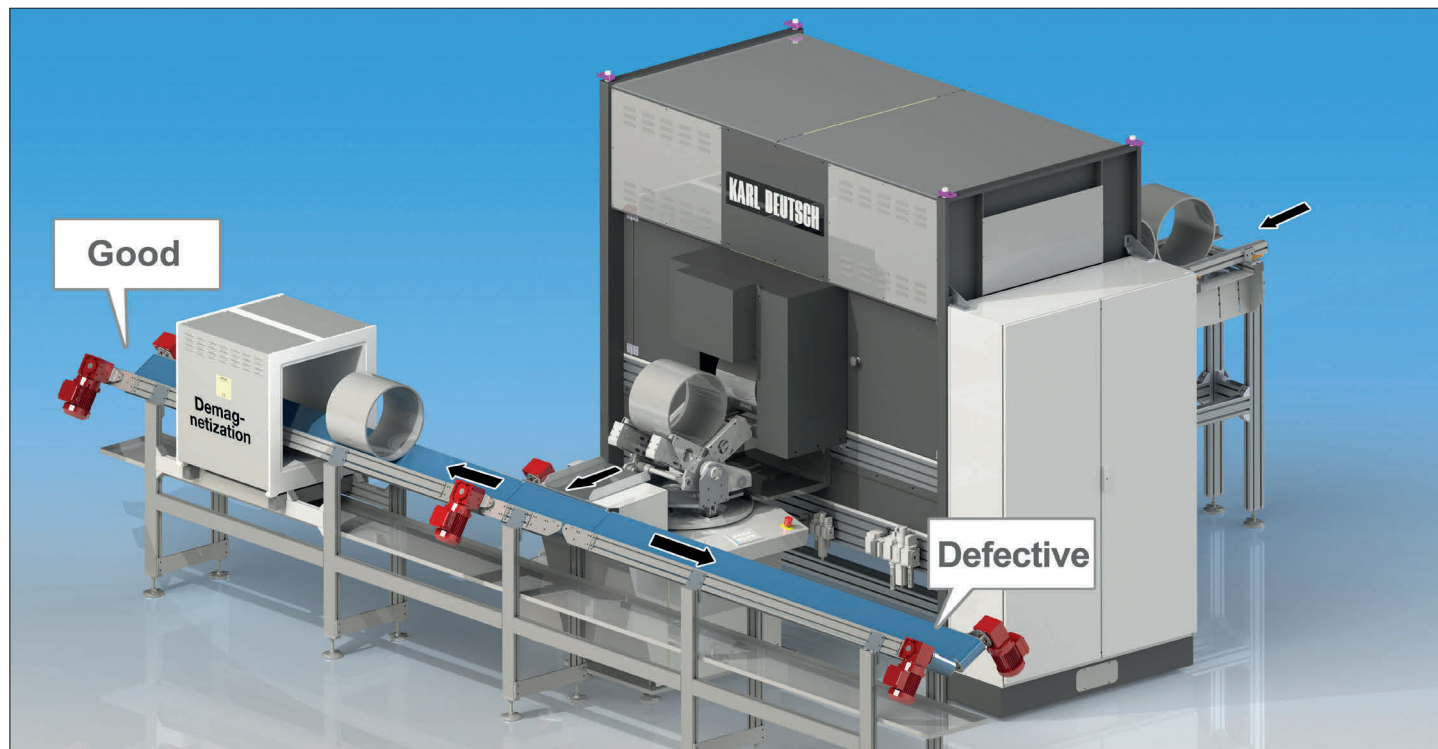


DEUTROMAT
Magnetic Particle Testing of Couplings

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Rear view of coupling testing system with sorting belts



Convenient viewing on motorised turntable

Typical Project Data (Other Requirements Upon Request)			
Coupling diameter	60 mm – 370 mm	Coupling length	90 mm – 350 mm
Magnetizing method	open yoke, central conductor	Duty cycle	60 % (overheating protection)
Minimum field	2.4 kA/m	Specifications	ASTM E709-08, API 5CT (9.14.2)
Central conductor magnetizing current	5000 A (AC)	Magnetizing yoke	up to 32,000 AT (ampere-turns)
Loading table	10 couplings (200 mm) w/ stopper	Sorting belts	3 m (good, with coil), 3 m (defective)
Cycle time	approx. 15 s (depends on viewing time)	MEMORY data base	300 components, 100 operators

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