

# Chain Welding Machine for Resistance Butt Welding of Round Steel Chains



KEH 8

# KEH 8

▼ KEH 8 – Back side



▼ KEH 8 – Front side



## Our Accomplishments for your Benefit

- Robust machine design for the production of high-strength chains over a long period of time
- Continuous welding of all chain links in one cycle
- Complete deburring of welding burr
- Frequently copied but never matched

## Design Features

- Drive system:
  - Servomotor
- Complete deburring of welding burr takes place in two cycles: transverse deburring and longitudinal deburring. This ensures an optimum chain link surface without deburring residue.
- Safety devices for protecting tools and machine parts.
- Upper part of the machine can be swiveled backward to ensure optimum tool accessibility.

▼ KEH 8 – Hydraulic power unit



# Quality, Reliability, and Efficiency – WAFIOS KEH 8 Chain Welding Machine

## Application

KEH-series chain welding machines are used for the resistance butt welding of bent round steel chains with notching on the chain link ends. The welding burr on the chain link is completely deburred by the chain welding machine.



▲ Set of tools for KEH

## Quality

For more than 125 years, the name of WAFIOS has been synonymous with highest quality, safety standards, and technical innovations in the German machine manufacturing industry.

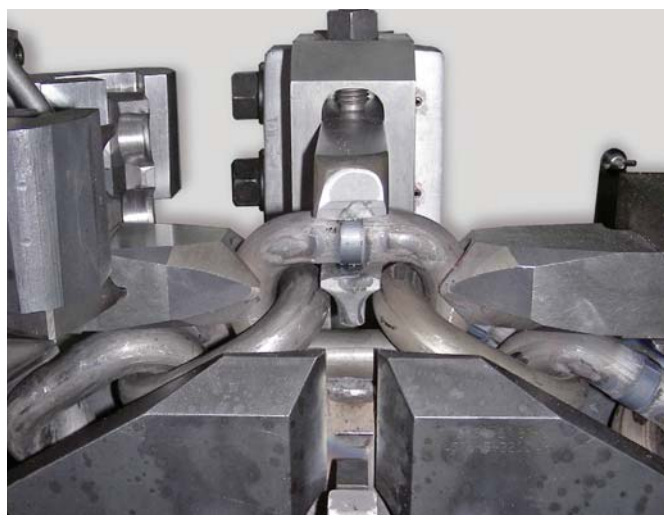
## Reliability

Strict quality controls, state-of-the-art production systems, and many years of experience guarantee that your investment is safe in our hands. Our global service network ensures high availability of WAFIOS machinery.

## Efficiency

High production output and a long service life will save money and shorten the amortization time of your investment.

▼ Set of tools for KEH 8



Technical Data	
Wire diameter:	
Welded chain link:	Pitch / inside link length
Output:	
Power installed:	
Welding transformer:	rated power at 50% duty cycle connected load
Compressed air requirement:	(l/cycle at 6 bar)
Cooling water consumption:	(l/min at 3 bar)
Hydraulic system tank contents:	
Space required:	(lxwxh)
Net weight:	Machine Switch cabinet Hydraulic system

KEH 8	
Wire diameter:	13.0–20.0 mm
Welded chain link:	32.0–130.0 mm min. 2.7 × d
Output:	27–14 links/min
Power installed:	27.4 kW
Welding transformer:	315 kVA 450 kVA
Compressed air requirement:	0,5 l/cycle
Cooling water consumption:	35 l/min at 4 bar
Hydraulic system tank contents:	630 Liter
Space required:	abt. 5,500 × 4,000 × 2,750 mm
Net weight:	abt. 9,000 kg abt. 400 kg abt. 1,700 kg



Our product range includes a wide variety of high-quality chain machines.

- Chain bending machines, KEB x.1 and KEB x.2 series
- Chain bending machines, KER x.2 and KER 8 series
- KBA 601 chain bending machine with conduction (WED 601) heating or with induction (IEW 601) heating of chain link blanks
- Chain bending machine KBF 60 with induction heating (IEW 60) of chain link blanks
- Chain (resistance butt) welding machines, KEH x.2 and KEH 8 series
- Chain (flash butt) welding machines, KSH and KSF 60 series
- Chain calibrating machines, KPH series

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