Kjellberg Finsterwalde
Schweißtechnik und
Verschleißschutzsysteme GmbH

Submerged Arc Welding **Parallel Wire**	**Welding Head** **Wire Diameter up 2 x 3 mm**	**KA 2-UPP**

Welding head completely for SAW Parallel-wire welding up to 2 x 3 mm, especially designed for completion of existing guiding systems as column and boom, welding masts, linear actuators, etc.



Advantages for application:

- Flexible application because of modular design of the KA series
- Pre-set control for welding current, arc voltage and travel speed in connection with Kjellberg power sources
- Start and Stop circuit for optimising the welding process
- Start and crater filler parameters separate to control

Main features:

- Two-roll wire feeder for wires from 2x ∅ 2 mm up to 2x ∅ 3 mm simultaneously, wire straightener standard
- Max. load capacity of SAW-parallel-wire nozzle 1,200 A totally
- SAW-parallel-wire nozzle steplessly rotatable up to 45° for optimum seam
- 2 wire reel holder for max. 25 kg-coils
- Cross slide for manual positioning of the welding head, effective adjustment 100 mm each direction
- Controls with parameter pre-setting of welding current, arc voltage and travel speed, the active elements are arranged in the first service level and the passive elements in the second service level
- Flux hopper with sight-control, content 10 l, prepared for adaptation of a flux recovery unit
- Laser pointer for visual seam tracking
- Recommended power sources: GTH 1402 (also possible GTH 1002)
- Optional: pneumatic flux recovery unit



SAW nozzle, parallel-wire

EN ISO 9001:2008 DNV Certified Company

Ein Unternehmen der
Kjellberg-Stiftung
Südanlage 5
35390 Gießen

Geschäftsführer:
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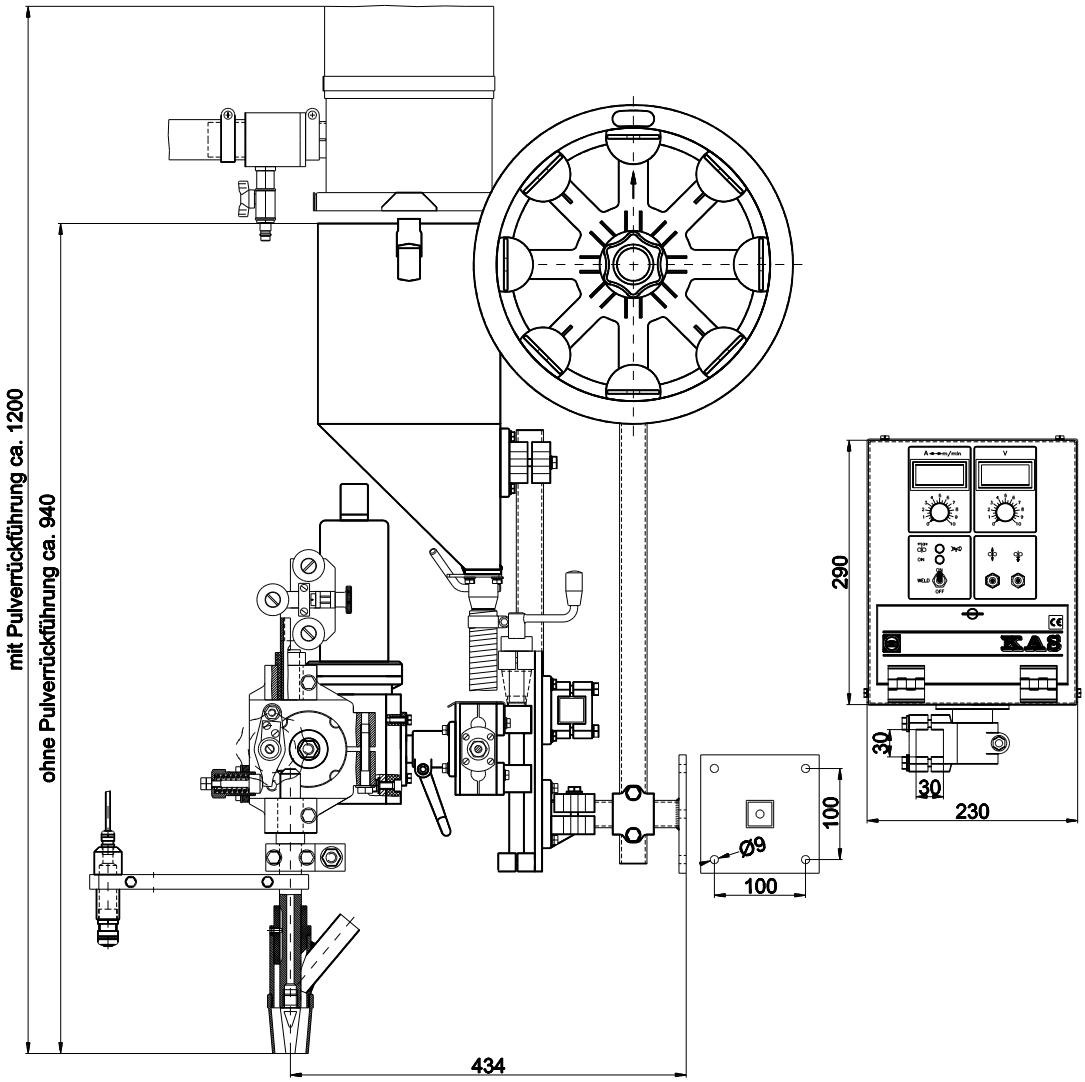
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Technical Data:

Application		**SAW parallel wire**
Welding current, max.	(A)	1400
Control voltage	(V/Hz)	42 AC/50
Wire diameter	(mm)	2 x 1.6 up to 2 x 3.0
Wire feed speed	(m/min)	0.1 – 6.1
Cross/height adjustment	(mm)	100/100
Welding head inclination	(degree)	45 (both sides)
Weight (without wire and flux)	(kg)	42
Wire coil weight max.	(kg)	2 x 25



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