Kjellberg Finsterwalde
Schweißtechnik und
Verschleißschutzsysteme GmbH

Submerged Arc Welding	**Welding Head** **Wire Diameter up to 3 mm**	**KA 2-UP**

Welding head completely for SAW single-wire welding up to 3 mm wire diameter, 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 member of KA series
- Pre-set controls 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 with 1.6 up to 3.0 mm diameter for SAW-welding
- Cross slide for manual positioning of the welding head, effective adjustment 100 mm each direction
- Controls with parameter pre-setting of welding current, arc welding and travel speed, the active elements are arranged in the first service level and the passive elements in the second service level
- Universal reel holder cross
- Flux hopper with sight-control, content 10 l, prepared for adaptation of a pneumatic flux recovery unit
- Visual seam control by laser pointer
- Recommended power source: GTH 802

Technical data:

Application		**SAW single wire**
Welding current, max	(A)	800
Control voltage	(V/Hz)	42 AC/50
Wire diameter	(mm)	1.6 – 3.0
Wire feed speed	(m/min)	0.1 – 10.1
Cross/height adjustment	(mm)	100/100
Welding head inclination	(degree)	45 (both sides)
Wire coil weight max.	(kg)	30
Weight (without wire and flux)	(kg)	40

EN 60974-1, VDE 0544, BGV D1) and CE sign, produced according to DIN EN ISO 9001
S sign, applicable to welding jobs at work places with increased electrical endangerment

EN ISO 9001:2008 DNV Certified Company

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