



# Kjellberg®

## FINSTERWALDE

## SUBMERGED ARC WELDING

## WELDING HEAD



### KA 2-UP 5 mm

Application:	SA single wire welding systems
Welding wire:	2.4-5.0 mm
Article no.:	.11.300.205.N

### Advantages

- ✓ Complete welding head for submerged arc welding with guiding system, as column and boom, welding mast or linear axle
- ✓ Easy control by 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 to adjust separately
- ✓ Exact positioning of the welding head with cross slides in horizontal and vertical direction
- ✓ Reliable wire feed by two-roller drive
- ✓ Control elements on two service levels
- ✓ Quick adaptation to other process variant thanks of modular system (e.g. single wire to double wire)

### Standard equipment

**Welding head**  
**Wire feeder**  
**Laser pointer**  
**KA control**  
**Flux hopper**

### Options

**Flux recovery unit**  
**Gap welding nozzle**



KA 2-UP for longitudinal welding with backing bar



System solution: Welding mast with KA 2-UPP for longitudinal welding on tubes

Kjellberg is certified acc. to  
**DIN EN ISO 9001**

Technical data	KA 2-UP 3 mm	KA 2-UP 5 mm	KA 2-UPP
Article no.	.11.300.203.N	.11.300.205.N	.11.300.270.N (double wire)
Welding current max.	800 A	1,200 A	1,200 A
Control voltage	1.6-3.0 mm	2.4-5.0 mm	2x 2.0-2x 3.0 mm
Wire feed speed	0.1-10 m/min	0.1-6.5 m/min	0.1-6.5 m/min
Cross/height adjustment	100/100 mm		
Welding head inclination	45 ° (to both sides)		
Mass KA+wire reel	33 kg + max. 30 kg	40 kg + max. 30 kg	42 kg + max. 2x 25 kg
Control voltage	42 V AC/50 Hz		
Recomm. power sources	GTH 802	GTH 1202	GTH 1202

**www.kjellberg.de**

Kjellberg Finsterwalde  
 Schweißtechnik und  
 Verschleißschutzsysteme  
 GmbH  
 An der FIMAG 4  
 03238 Massen  
 Germany

Copyright © 2022  
 Kjellberg Finsterwalde  
 08/10/2022

+49 3531 500-800

✉ [welding@kjellberg.de](mailto:welding@kjellberg.de)