



More SAW Tech

# Kjellberg® FINSTERWALDE

## SUBMERGED ARC WELDING

## WELDING AUTOMAT WITH 2 HEADS



### KA 4-UPDG

Application: Submerged arc welding of two fillet welds with two heads

Welding wire: each 1.6-2.5 mm

Article no.: .11.300.400.N

### Advantages

- ✓ Mobile, self-propelled welding automaton, which easily can be moved to any working place
- ✓ Welding of two fillets simultaneously in position PB by easy positioning and tracking within fillet
- ✓ Support rollers for guidance along bars, profiles etc.
- ✓ 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
- ✓ Control elements on two service levels
- ✓ Reliable wire feed by four-roller drive with one feeding gear only
- ✓ Encoder-controlled tractor with all-wheel drive (rubber or optional grooved rims for higher workpiece temperature, e.g. by preheating)
- ✓ Dust-protected manual drive coupling and optional axle extensions for additional stabilisation
- ✓ Automat can be easily modified for alternative applications

### Standard equipment

**Carriage**  
**Wire feeder**  
**Laser pointer**  
**KA control**  
**Flux hopper**

### Options

**Flux recovery unit**  
**Rails**  
**Special design for cored wire**



Modified mounting of the hinged arms



Modification for the welding of trapezoidal sheets

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

Technical data	KA 4-UPDG
Article no.	.11.300.400.N
Welding current max.	600 A per head
Wire diameter	each 1.6-2.5 mm*
Wire feed speed	0.1-10 m/min
Travel speed	0.1-1.6 m/min
Mass KA+wire reel	78 kg + max. 2x 25 kg
Travel gauge	265 mm option: axle prolongation to 330 resp. 395 mm
Dimensions L x W x H min./max.	955 x 330 x 1,035 mm 955 x 950 x 1,035 mm
Control voltage	42 V AC/50 Hz
Power source	2x GTH 802*

\* For welding of larger a-measures, a special version is available for flux cored wires up to 3.2 mm and two GTH 1202 power sources.

**www.kjellberg.de**

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