



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 automat, 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

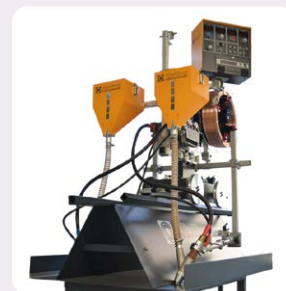
Carriage
Wire feeder
Laser pointer
KA control
Flux hopper

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.

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