Kjellberg Finsterwalde
Schweißtechnik und
Verschleißschutzsysteme GmbH

SAW double wire with two fillet heads	**Welding Automat Wire Diameter 2 x 2.5 mm**	**KA 4-UPDG**



Welding automat for SAW-fillet welding (UPDG) of two fillets in flat and horizontal position; with wire diameters up to 2.5 mm; on plane plates or with guiding rails. In connection with Kjellberg power sources various technological solutions for an effective application in fabrication.

Advantages for application:

- Welding of two fillets at the same time ensures high effectiveness
- Mobile, self-propelled welding automat, easy to transport to working places
- Flexible application because of modular principle
- Pre-set controls for welding current, arc voltage and travel speed in connection with Kjellberg power sources (constant voltage types)
- Movement on plate or rails

Main features:

- Furnished with control board KAS 4, with pre-set controls for welding current and arc voltage for both the welding heads and welding speed as well; digital displays; active and passive service elements arranged in two service levels; start and stop circuits for optimized welding process
- Two welding heads for simultaneous welding of two fillets in flat position, self-guided, max. 600 A each
- Tachogenerator controlled tractor with all-wheel drive; 160 mm diameter wheels with rubber or grooved rims, dust protected manual drive coupling; axle extensions for track gauge increase from 265 mm to 330 mm or 395 mm
- Two 4-roll wire drives with one feeding gear only
- Two 6 l flux hoppers, with sight control, prepared for adaptation of a pneumatic flux recovery unit
- Heavy-duty welding heads for max. 600 A per head
- Two wire reel holders for wire reels max. 25 kg
- Steplessly adjustable side rollers are guiding the tractor along profiles, stiffeners, web plates, etc.
- Two power sources are required (cv-characteristic)

EN ISO 9001:2008 DNV Certified Company

Ein Unternehmen der
Kjellberg-Stiftung
Südanlage 5
35390 Gießen

Geschäftsführer:
Heiko Schröder

USt.-Id. Nr. DE 258614963
Amtsgericht Bochum HRB 11721

Tel.: +49 3531 500-319
Fax: +49 3531 500 357
schweissen@kjellberg.de
www.kjellberg.de
WEEE Nr. DE 39866380

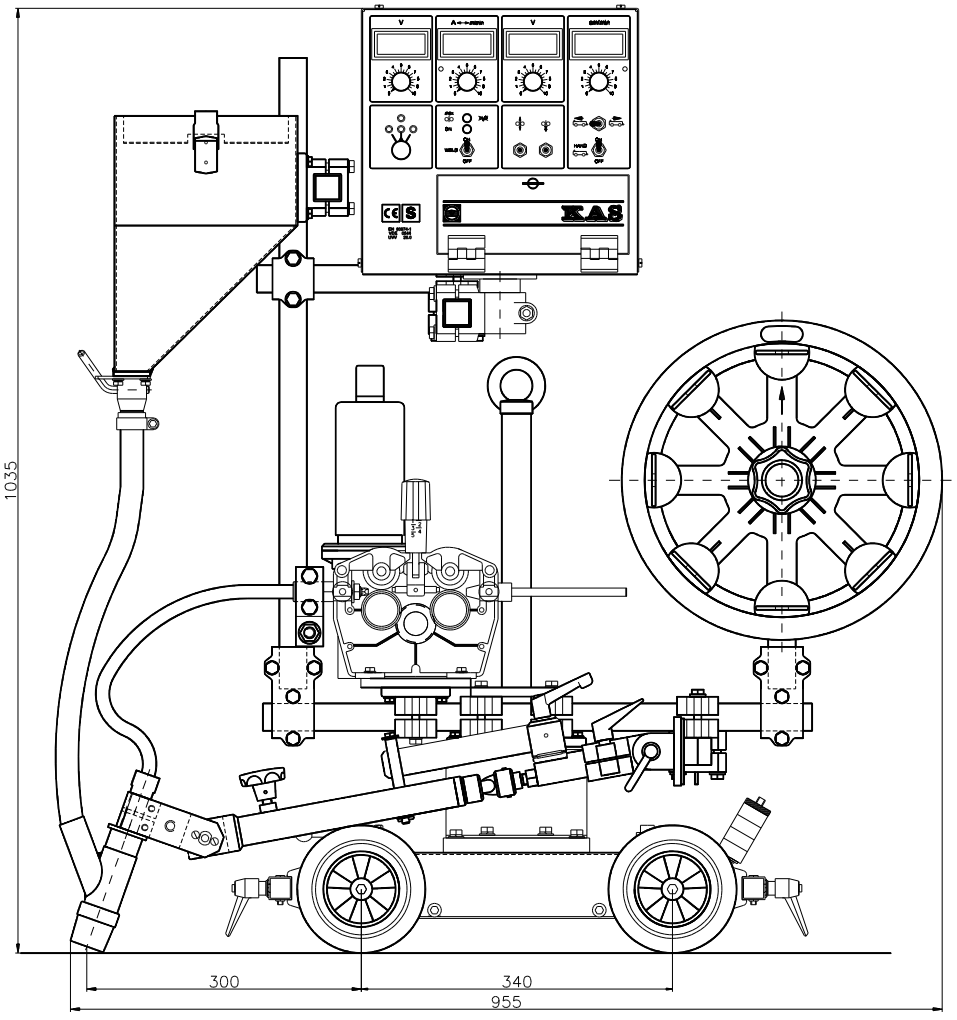
Commerzbank AG Cottbus
Konto: 1556083 BLZ: 18040000
IBAN: DE20180400000155608300
BIC: COBADEFFXXX

Sparkasse Elbe-Elster
Konto: 3100301489 BLZ: 18051000
IBAN: DE23180510003100301489
BIC: WELADED1EES

Technical Data:

Technology		**SAW-double fillet welding**
Welding current	(A)	2 x 600
Control voltage	(V/Hz)	42 AC/50
Track gauge	(mm)	265 (option: 330 or 395)
Wire diameter	(mm)	2 x 1.6 – 2.5
Wire feed speed	(m/min)	0.3 – 10.0
Travel speed	(m/min)	0.1 – 1.6
Weight of automat	(kg)	60
Weight of wire reel, max	(kg)	2 x 15 (option 25)
Dimensions L x W x H	(mm)	see figure

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

Ein Unternehmen der
Kjellberg-Stiftung
Südanlage 5
35390 Gießen

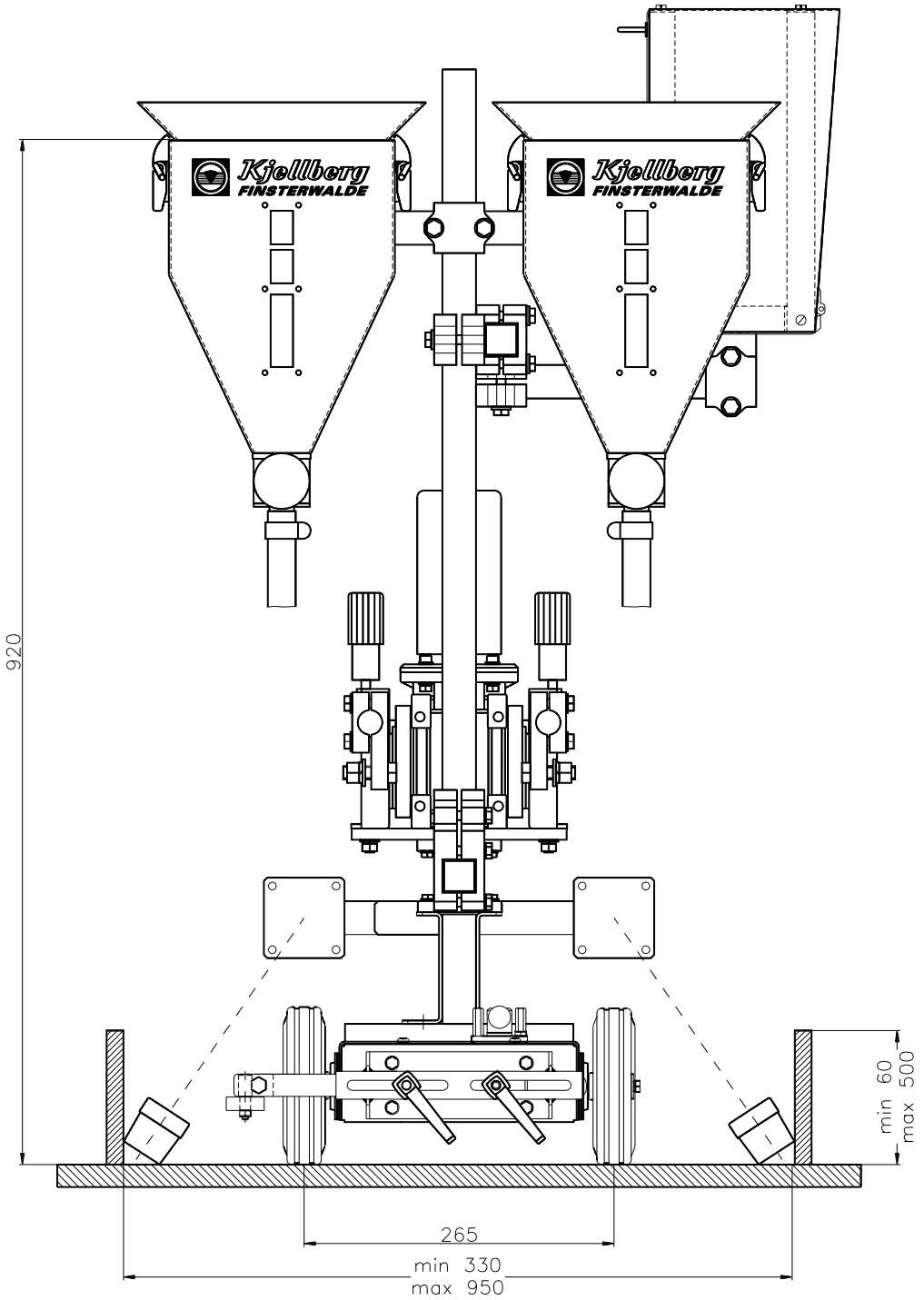
Geschäftsführer:
Heiko Schröder

USt.-Id. Nr. DE 258614963
Amtsgericht Bochum HRB 11721

Tel.: +49 3531 500-319
Fax: +49 3531 500 357
schweissen@kjellberg.de
www.kjellberg.de
WEEE Nr. DE 39866380

Commerzbank AG Cottbus
Konto: 1556083 BLZ: 18040000
IBAN: DE20180400000155608300
BIC: COBADEFFXXX

Sparkasse Elbe-Elster
Konto: 3100301489 BLZ: 18051000
IBAN: DE23180510003100301489
BIC: WELADED1EES



EN ISO 9001:2008 DNV Certified Company

Ein Unternehmen der

Kjellberg-Stiftung
Südanlage 5
35390 Gießen

Geschäftsführer:
Heiko Schröder

USt.-Id. Nr. DE 258614963
Amtsgericht Bochum HRB 11721

Tel.: +49 3531 500-319
Fax: +49 3531 500 357
schweissen@kjellberg.de
www.kjellberg.de
WEEE Nr. DE 39866380

Commerzbank AG Cottbus
Konto: 1556083 BLZ: 18040000
IBAN: DE20180400000155608300
BIC: COBADEFFXXX

Sparkasse Elbe-Elster
Konto: 3100301489 BLZ: 18051000
IBAN: DE23180510003100301489
BIC: WELADED1EES