



AUTOGENOUS AND PROPANE TECHNOLOGY GAS CYLINDERS





FSSG 20 litres (Fig. similar)



Universal bottle trolley 10-20 litres (Fig. similar)

UNIVERSAL BOTTLE TROLLEY

for 2 x 10-20 litre bottles

Art. no.	PU
1700005	1

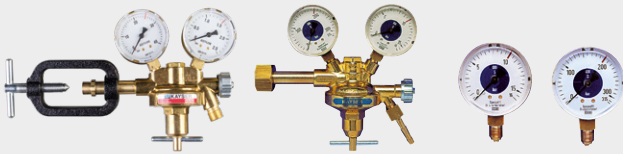
Mobile welding and cutting device

- ▶ Bottle trolley for 2 x 10 or 2 x 20 litre steel bottles
- ▶ Steel cylinder oxygen and acetylene (10 or 20 litres)
- ▶ Pressure regulator oxygen - single-stage and acetylene - single-stage
- ▶ Protective hose guard for acetylene and oxygen
- ▶ Combined welding and cutting device in sheet steel box (KE/17) (for welding from 0.5 - 9 mm, for cutting from 3 - 100 mm)
- ▶ Oxygen and acetyl

	Art. no.	PU	€ plus VAT/PU
FSSG 10 mobile oxyfuel welding and cutting unit	1700010	1	
FSSG 20 mobile oxyfuel welding and cutting unit	1700020	1	

PRESSURE REDUCER

	Art. no.	PU
Oxygen	1700030	1
Acetylene	1700040	1



REPLACEMENT PRESSURE GAUGE Ø 63 mm, connection G1/4

Acetylene 40 bar	1700041	1
Acetylene 2.5 bar	1700042	1
Oxygen 315 bar	1700031	1
Oxygen 16 bar	1700032	1
Argon 315 bar	1700051	1
Argon 30 litre	1700052	1



FLAME ARRESTORS

	Art. no.	PU
Acetylene	1700045	1
Oxygen	1700035	1

Teflon seal

	Art. no.	PU
for CO ² /ARGON connection 18 x 11.5 x 2 mm	1700033	10



TEFLON SEAL

for oxygen connection (20 x 11 x 2 mm)	1700034	10
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FIBRE GASKETS

for oxygen + argon connection	1700036	10
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ALUMINIUM SEALS (Acetylen)

1700046	10
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PRESSURE GAUGE PROTECTIVE CAPS

	Art. no.	PU
blue - oxygen	1700037	1
red - acetylene and other fuel gases	1700047	1
white/grey - other technical gases	1700057	1

▶ for pressure gauge 63 mm diameter
▶ Slotted design with safety opening



PRESSURE GAUGE PROTECTION BRACKET

	Art. no.	PU
Yellow version for fuel gas	1700048	1
Blue version for oxygen	1700038	1

▶ to protect the pressure gauges against damage



KEK / 17 SET

1700117	1
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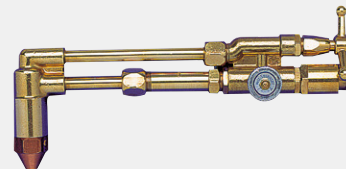
- ▶ Combined welding and cutting device
- ▶ Shaft diameter 17 mm
- ▶ for welding from 0.5 - 9 mm
- ▶ for cutting from 3 - 100 mm
- ▶ in sheet steel box



HANDLE Type KEK/17

1700127	1
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- ▶ Shank diameter 17 mm



CUTTING INSERT Type KEK/17

1700137	1
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- ▶ Shaft diameter 17 mm; without nozzles



GUIDE CARRIAGE

1700150	1
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- ▶ for KEK 17/25.5 mm



CIRCULAR GUIDE ROD (Circle)

1700151	1
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- ▶ for guide carriage KEK 17



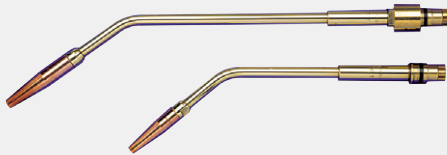
CUTTING NOZZLES

	Art. no.
S0 3-12 mm	1700202
S1 12-25 mm	1700203
S2 25-50 mm	1700204
S3 50-100 mm	1700205



HEATING NOZZLES FOR ACETYLENE FUEL GAS

Size H1 3-100 mm	1700231
Size H2 100-300 mm	1700232



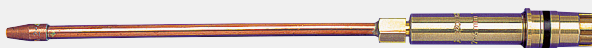
WELDING INSERTS TYPE KEK/17

Size 1 0.5- 1.0 mm	1700210
Size 2 1.0- 2.0 mm	1700211
Size 3 2.0- 4.0 mm	1700212
Size 4 4.0- 6.0 mm	1700213
Size 5 6.0- 9.0 mm	1700214
Size 6 9.0-14.0 mm	1700215
<i>Shaft diameter 17 mm</i>	



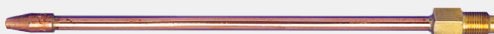
COPPER TIPS

0.5-1.0 mm	1700220
1.0-2.0 mm	1700221
2.0-4.0 mm	1700222
4.0-6.0 mm	1700223
6.0-9.0 mm	1700224
9.0-14.0 mm	1700225



PIPE WELDING INSERT TYPE KEK/17

Size 2 1-2 mm	1700118
Size 3 2-4 mm	1700119
Size 4 4-6 mm	1700120
Size 5 6-9 mm	1700121
▶ Copper tube 6 mm diameter, flexible, with soldered-on mouthpiece	



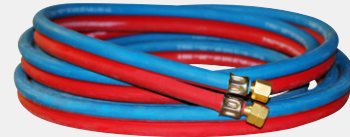
PIPE WELDING INSERT FRONT PARTS TYPE KEK/17

Size 2 1-2 mm	1700122
Size 3 2-4 mm	1700123
Size 4 4-6 mm	1700124
Size 5 6-9 mm	1700125
▶ Copper tube 6 mm diameter, flexible, with soldered-on mouthpiece	



HOSE

Acetylene 9 x 3.5 red, 40 m	1701701
Oxygen 6 x 5 blue, 40 m	1701702
Twin hose 6 x 9, 40 m	1701703



TWIN OXYFUEL HOSES CRIMPED

5 m	1701205
10 m	1701210
15 m	1701215
20 m	1701220

- ▶ Blue hose: Inner Ø 6 mm; outer Ø 16 mm; wall thickness 5 mm
- ▶ Red hose: Inner Ø 9 mm; outer Ø 16 mm; wall thickness 3.5 mm



DOUBLE HOSE CLAMP

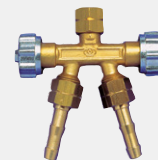
Galvanised steel	1701023
▶ 16/16 mm	



MAGNETIC WELDING MIRROR

1701050

- ▶ With magnetic base and movable guide



DOUBLE BRANCH VALVE

1/4" right, oxygen/argon with 6 mm nozzles	1701037
3/8" left, acetylene/propane with 9 mm spouts	1701040
▶ Nuts and grommets	



PISTOL-SHAPED GAS LIGHTER

1701200	
▶ with flint 2.6 x 5.0 mm	
▶ nickel-plated	
100 replacement flints, 2.6 x 5.0 mm	1701201



GAS LIGHTER ROLLER FILE

1701100	
▶ with flint 3.0 x 20 mm	
▶ 10 replacement flints, 3.0 x 20 mm	
1701101	

Soft soldering/heating and brazing

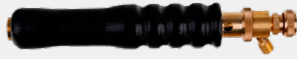
Soft soldering



COMPLETE SOLDERING IRON

Handle: G 3/8" L Art. no. 1711501

► comprises: Handle, hammer soldering iron 350 g piston torch, piston holder, draft shield



HANDLE

Hose connection: M 10 x 1 LH 1711502

STRAIGHT HAMMER SOLDERING IRON

250 g 1711503



CRANKED HAMMER SOLDERING IRON

350 g 1711504
500 g 1711505



TAPERED SOLDERING IRON

250 g 1711506
350 g 1711507



Windshield



Piston torch



Piston holder

WINDSHIELD/PISTON TORCH/PISTON HOLDER

Windshield 1711508
Piston torch 1711509
Piston holder 1711510



COMPLETE SOLDERING DEVICE FOR PROPANE

G 3/8" LH 1711500

► Scope of delivery: Standard handle G 3/8 "LH, piston burner, piston holder, draft shield, hammer soldering iron 350 g, small propane canister, HP hose 1.5 m bds. G3/8" LH, installation spanner, small pressure regulator

Preheating and brazing



PROPANE HANDLE

with main shut-off valve, momentary lever and adjustable wax damper setting Art. no. 1711403

► Operating pressure: 1.5 - 4 bar
Hose connection: G 3/8" LH, connection for insert: M 14 x 1



PROPANE SOFT SOLDERING INSERTS

Size 3 Hole 3 mm 1711404
Size 5 Hole 5 mm 1711405
Size 7 Hole 7 mm 1711406

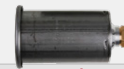
► Operating pressure: 1.5 - 2.5 bar



PROPANE BRAZING INSERTS

Size 12 for copper pipes ø 12 mm 1711407
Size 14 for copper pipes ø 18 mm 1711408
Size 17 for copper pipes ø 22 mm 1711409
Size 20 for copper pipes ø 28 mm 1711410

► Operating pressure 1.5 - 2.5 bar



TORCH HEAD - STAINLESS STEEL/ALUMINIUM

ø 30 mm, approx. 600 g/h ⁽¹⁾; 1711411
15.5 kW/h at 1.5 bar
ø 40 mm, approx. 2000 g/h ⁽¹⁾; 1711412
27 kW/h at 1.5 bar
ø 50 mm, approx. 3000 g/h ⁽¹⁾; 1711413
47.6 kW/h at 1.5 bar
ø 60 mm, approx. 5000 g/h ⁽¹⁾; 1711414
70.8 kW/h at 1.5 bar
ø 80 mm, approx. 6200 g/h ⁽¹⁾; 1711415
93.6 kW/h at 1.5 bar

Operating pressure 1.5 - 2.5 bar

(1) Gas consumption at 1.5 bar



STEEL CONNECTING TUBE

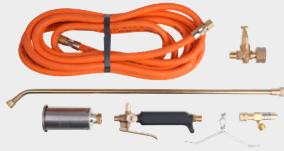
Connecting pipe 75 mm long 1711416
Connecting pipe 150 mm long 1711417
Connecting pipe 220 mm long 1711418
Connecting pipe 350 mm long 1711419
Connecting pipe 600 mm long 1711420
Connecting pipe 700 mm long 1711421
Connecting pipe 1,000 mm long 1711422

Union nut M 14 X 1 on one side, union nut male thread M 20 x 1 on the other side



BRAZING SET FOR PROPANE

1711400
► comprises: Propane handle, "MINI" small pressure regulator with combination connection and pressure gauge, brazing inserts: Sizes 12, 14, 17, 20, 1.5 m HP hose, G 3/8" LH union nut, burner spanner, gas lighter, in sheet steel box



PROFESSIONAL HEATING SET FOR PROPANE Art. no.
 ▶ consisting of: Propane handle, connecting pipe 600 mm, burner head ø 50 mm, storage device, 5 m HP hose, G 3/8" LH union nut, "MINI" small pressure regulator with combination connection without pressure gauge, 12 kg/h hose rupture safety device

Accessories



SMALL BOTTLE Art. no.
for propane 425 g 1711520
 ▶ TÜV tested. Seamless drawn steel bottle with valve and hook
 ▶ Connection: G 3/8" LH
 ▶ With stand



TRANSFER NOZZLE 1711521
 ▶ For filling the 425 g mini bottle from 5 kg and 11 kg bottles (household connection)



LIQUID GAS SMALL PRESSURE REGULATOR "MINI" 1711522
 ▶ Without pressure gauge
 ▶ Back pressure adjustable: 0 - 6 bar
 ▶ Performance: 6 kg/h
 ▶ Hose connection: G 3/8" LH
 ▶ LH for small bottle



LIQUID GAS SMALL PRESSURE REGULATOR 1711523
 ▶ with pressure gauge and combi connection
 ▶ Back pressure adjustable: 0 - 6 bar
 ▶ Performance: 18 kg/h
 ▶ Hose connection: G 3/8" LH



HOSE RUPTURE SAFETY DEVICES - PROPANE 1711524
 ▶ The hose rupture safety device prevents gas from escaping if the hose line is damaged or comes loose and shuts off the gas flow as soon as the prescribed operating volume is exceeded by 10 %. For manual reopening. Not mandatory for very small bottles!
 ▶ 0.5 - 4.0 bar- 4.8 - 10 kg/h
 ▶ Nominal pressure: 0.5 - 4 bar
 ▶ Nominal flow rate: 4.8 - 10 kg/h
 ▶ Input: G 3/8" LH female thread
 ▶ Outlet G 3/8" LH male thread



HIGH-PRESSURE HOSE LINE PB 30 Art. no.
 6.3 x 5 mm
 G 3/8 "LH x G 3/8" LH x 5000 mm 1711525
 6.3 x 5 mm
 G 3/8 "LH x G 3/8" LH x 10000 mm 1711526
 4 x 4 mm
 G 3/8 "LH x G 3/8" LH x 2000 mm 1711527
 4 x 4 mm
 G 3/8 "LH x G 3/8" LH x 5000 mm 1711528

Piezo soldering system

PROPANE TORCH SYSTEM Art. no.



MULTI HANDLE with plug-in/latch connection 1711601

- ▶ for tool-free torch insert
- ▶ Combination of automatic ignition and lockable momentary lever
- ▶ for hard and soft soldering, as well as fine soldering and shrinking, for propane operation according to the Bunsen principle
- ▶ Ergonomic plastic handle
- ▶ Automatic ignition for one-hand operation at the push of a lever
- ▶ Gas regulation with separate regulating and shut-off valve
- ▶ Rotatable hose connection G 3/8 LH
- ▶ Multi-handle suitable for size 17/19 hard soldering torches and size 5/7 soft soldering torches
- ▶ Gas pressure: max. 4 bar
- ▶ Throughput capacity: max. 6 kg/h



BRAZING TORCH
 Gas outlet 17 mm/ø 1711602
 Gas consumption kg/h at 2.0 bar: 0.320
 Gas outlet 19 mm/ø 1711603
 Gas consumption kg/h at 2.0 bar: 0.41
 Brazing torch Gas outlet 7 mm/ø 1711605
 Gas consumption kg/h at 2.0 bar: 0.222

SOFT SOLDERING TORCH
 Soft soldering torch Gas outlet 5 mm/ø 1711604
 Gas consumption kg/h at 2.0 bar: 0.12



Fig. similar

HARD AND SOFT SOLDERING SET with bottle 1711600

- ▶ Handle with piezo igniter, turbo burner 17 mm, HP hose 2.0 m, G 3/8 LH, small regulator fixed at 2.0 bar, small cylinder 425 g capacity, suspension hook

TURNTABLES AND ROLLER BLOCK TURNING DEVICES



SPV 30 – Welding positioning device, table model with manual operation
SPV 300 / SPV 300 HM – Manually operated welding positioning device

- ▶ For fast and convenient welding processing from all sides
- ▶ Easy to use
- ▶ Manual adjustment of the working height
- ▶ Turntable can be positioned vertically and horizontally



SPV 30



SPV 300



SPV 300 HM

Model		SPV 30	SPV 300	SPV 300 HM
Art. no.		1540030	1540300	1540305
Technical data				
Table tilt angle	°	360	360	22.5 / 45 / 90
Horizontal load capacity	kg	360	300	300
Vertical load capacity	kg	260	150	150
Turntable diameter	mm	260	300 x 300	300 x 300
Dimensions (L x W x H) approx.	mm	630 x 350 x 280	1427 x 1200 x 1018	600 x 600 x 710
Weight approx.	kg	28	135	86

MIG/MAG

TIG inverter

Electrode inverter

Laser welding

Plasma cutters

Electrochemical processing

Welding accessories

Welding turntables

Series SDT WE - Welding turntables with electric angle adjustment

- ▶ Simple operation
 - ▶ Simple angle adjustment via rotary knob
 - ▶ Infinitely adjustable disc speed
 - ▶ Clockwise/anticlockwise rotation
 - ▶ Control electronics protected by robust and closed housing
- ▶ Foot switch for start/stop
- From SDT 500WE:**
- ▶ Electric angle adjustment via rotary knob
- SDT 500 HC WE:**
- ▶ With hollow shaft Ø 170 mm



SDT 350 WM



SDT 2500 WE



SDT 500 HC WE

ACCESSORIES



ACCESSORIES

SDT 350 WM / SDT 500 WE **Art. no.**

Three-jaw chuck Load capacity 120 kg 1541352

SDT 500 WE **Art. no.**

Three-jaw chuck Load capacity 240 kg 1541353

SDT 350 WM **Art. no.**

Three-jaw chuck Load capacity 30 kg 1541351

ACCESSORIES

for three-jaw chuck **Art. no.**

Replacement clamping jaws for three-jaw 1541360

chuck SDT 350 WM + SD 500 WE

Replacement clamping jaws for three-jaw 1541361

chuck SDT 500 WE

Replacement clamping jaws for three-jaw 1541362

chuck SDT350 WM

See our capabilities for yourself and request a personal consultation!



Contact: +49 (0) 951 96 555-501
beratung@schweisskraft.de

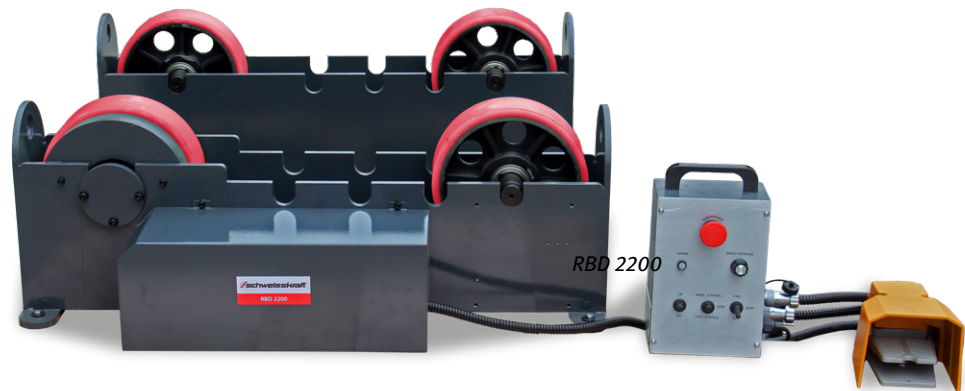
Technical data		SDT 220 WM	SDT 350 WM	SDT 500 WE	SDT 500 HC WE	SDT 1500 WE	SDT 2500 WE	SDT 4000 WE
Article number		1541220	1541350	1541500	1541505	1541915	1541925	1541940
Table tilt angle	°	0 – 135	0 – 135	-45 – 90	0 – 135	0 – 135	0 – 135	0 – 135
Infinitely variable speed	min ⁻¹	0 – 5	0 – 5	0 – 5	0 – 5	0.1 – 1.2	0.1 – 1.2	0.1 – 1.2
Horizontal/vertical load capacity	kg	220 / 100	350 / 120	500 / 250	500 / 250	1500 / 1000	2500 / 2000	4000 / 2700
Turntable diameter	mm	330	330	550	560	1000	1100	1200
Permissible welding current	A	80	300	300	120	800	800	800
Input power ~ 50 Hz	kW / V	0.15 / 230	0.125 / 230	0.400 / 230	0.8 / 230	0.75 / 400	1.5 / 400	1.5 / 400
Dimensions (L x W x H) approx.	mm	470 x 400 x 450	410 x 470 x 475	770 x 650 x 660	790 x 690 x 660	1576 x 1190 x 990	1735 x 1276 x 1050	1805 x 1310 x 1150
Weight approx.	kg	34	38	220	230	1170	1550	1790
Transport surcharge ¹⁾		-	TPZRS3 = €35.00			TPZDF1 = €345.00		

Roller block turning device RBD For professional welding processing

- ▶ Precise and high-quality weld seams possible thanks to infinitely adjustable workpiece
- ▶ speed
- ▶ For machining cylindrical workpieces
- ▶ With foot switch for start/stop
- ▶ Adjustable direction of rotation



RBD 1200



RBD 2200

Model		RBD 1200	RBD 2200	RBD 5000
Article no.		1542120	1542220	1542500
Load capacity	kg	1200	2200	5000
Workpiece diameter	mm	20 – 800	101 – 1524	304 – 2438
Speed	min ⁻¹	1413	3641	1475
Connection voltage ~50 Hz	V	230	230	230
Dimensions of drive unit (L x W x H) approx.	mm	552 x 324 x 336	940 x 407 x 336	1624 x 525 x 458
Dimensions of guide unit (L x W x H) ca.	mm	450 x 229 x 336	940 x 294 x 336	1418 x 410 x 457
Dimensions of switch box(L x W x H) ca.	mm	170 x 120 x 250	170 x 120 x 250	170 x 120 x 250
Weight approx.	kg	86	220	325

1) Inbound transport surcharge, see reverse side for explanation