

Torch MHS RAUCH-250 air-cooled

Fume extraction torch

Product information:

At the pistol end the very light TPE extraction hose is protected by approx. 2m leather cover hose.
Damage caused by splashes or sharp edges is thus prevented.

The factory standard gear is marked in red.



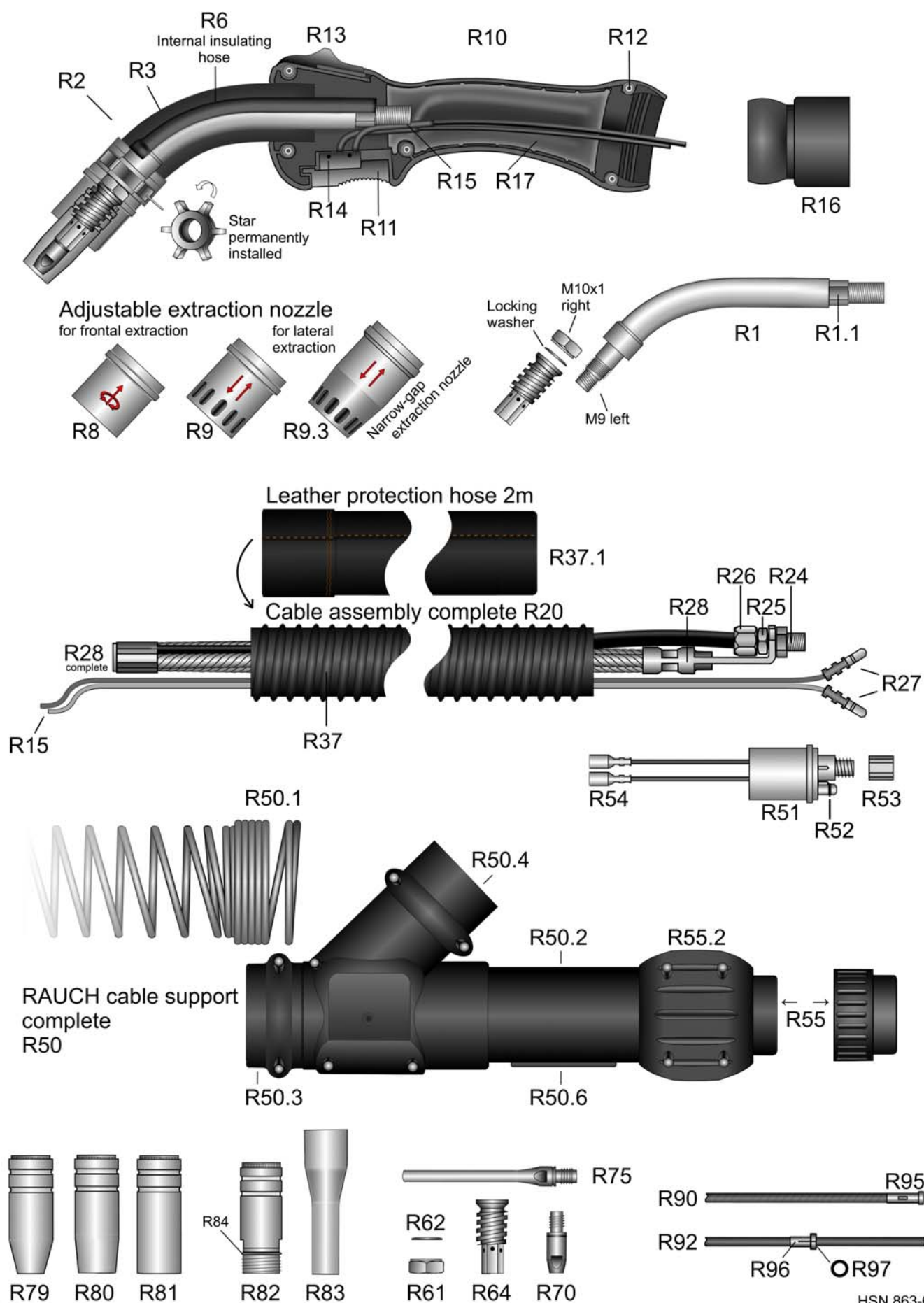
Holch Schweißbrenner GmbH
Bühlstraße 14
D-57080 Siegen

Phone: +49(0)271 387860-11
Telefax: +49(0)271 387860-29
E-Mail: info@holch-siegen.de
Web: www.holch-siegen.de



MHS RAUCH-250 air-cooled

250 Ampere at 100% duty cycle (CO₂) - 210 Ampere at 100% duty cycle (mixed gas)



HSN 863-6

MHS RAUCH-250

Welding-torch MIG-MAG air-cooled

250A at 100 % duty cycle (CO₂) - 210A at 100 % duty cycle (mixed gas)

Art.-No.

Spare parts as torch MHS RAUCH-330 water-cooled

r2500311	Torch MHS RAUCH-250 / 3m EURO central adapter exhaust hose ID38mm
r2500411	Torch MHS RAUCH-250 / 4m EURO central adapter exhaust hose ID38mm
r2500511	Torch MHS RAUCH-250 / 5m EURO central adapter exhaust hose ID38mm

**For torches without EURO central-adaptor the following prices apply.
Please note that for some special machine side connections surcharges may arise,
which you will find in the appendix "A" custom made products.**

r2500301	Torch MHS RAUCH-250 / 3m exhaust hose ID38mm
r2500401	Torch MHS RAUCH-250 / 4m exhaust hose ID38mm
r2500501	Torch MHS RAUCH-250 / 5m exhaust hose ID38mm

R1	r2509101	Swan neck MHS RAUCH-250 with insulating hose and hexagon nut
R1.1	r3509102	Lock-nut SW12 M10x1-L10mm fits RAUCH-350-SC / RAUCH-250
R2	r2509102	Fume suction tube for torch body RAUCH-250/330
R3	r2509103	Fume extraction tube with Swan neck, complete with all consumables (conatct tip 1,0) without fume extraction nozzle
R6	r2509121	Section of silicone/glas insulating hose ID12,6-L125mm heat resistant up to 200°C

R8	r9130012	Fume extraction nozzle for RAUCH-250 / RAUCH-330 made of brass nickel plated, frontal extraction, adjustable, complete with special o-ring high temperature resistant
R9	r9130013	Fume extraction nozzle for RAUCH-250 / RAUCH-330 made of brass nickel plated, side extraction, adjustable, complete with special o-ring high temperature resistant
R9.3	r9130014	Fume extraction nozzle narrow-gap (long) for RAUCH-250 / RAUCH-330 made of brass, nickel plated, lateral extraction, adjustable, complete with special o-ring high temperature resistant
N.i.	r9131012	Special high heat resistant O-ring ID30-W2mm for fume extraction nozzle RAUCH-250 / RAUCH-330

**RAUCH-handle complete with air-slider, switch and all sundries.
Please order ball joint and RAUCH air insulation separately.**

R10	r9193811	RAUCH-handle red
R11	91912440	Ratio push button black
R12	91920703	M3 mounting socket fits Ratio/Industry/RAUCH handle and cable support
N.i.	91920702	Screw M3x11,5mm fits Ratio/Industry/RAUCH handle and cable support
R13	r9193812	RAUCH-air slider black
R14	91912538	Ratio microswitch DC2 also fits RAUCH handle with 2 contacts (close only)

Reel goods:

Prices are per meter and only applicable if a complete reel is purchased.

R15	91902601	Meter control line 2x0,5mm ² silicone red (100m)
R15	91902602	Meter control line 2x0,5mm ² silicone white (100m)
N.i.	s5080001	Meter shrinking hose, heatresistant 2:1, ID50,8mm (5m)

R16	r9193804	RAUCH-ball joint fits hose ID38mm
R17	r9193816	RAUCH air insulation inlet, 2 halves, for optimal heat shielding in the handle area

**Cable assembly for EURO central adapter
separate cables with power / wire conduit 37mm²**

R20	ve190311	Spare cable assembly RAUCH-250 3m / without EURO central adapter exhaust hose ID38mm, complete with ball joint and appr. 2,2m leather protection sleeve
-----	----------	---

MHS RAUCH-250

Welding-torch MIG-MAG air-cooled

250A at 100 % duty cycle (CO₂) - 210A at 100 % duty cycle (mixed gas)

Art.-No.		
R20	ve190411	Spare cable assembly RAUCH-250 4m / without EURO central adapter exhaust hose ID38mm, complete with ball joint and appr. 2,2m leather protection sleeve
R20	ve190511	Spare cable assembly RAUCH-250 5m / without EURO central adapter exhaust hose ID38mm, complete with ball joint and appr. 2,2m leather protection sleeve
R24	neu61002	Power/wire connector for separate lines
R25	neu61004	Hex nut for power connector separate lines
R26	neu61003	Tightening/swivel nut for power connector separate lines
R27	91902901	Male connector cable-plug for machine side EURO central adapter
R28	r9637311	RAUCH power/wire conduit 37mm ² / 3m Euro central adapter
R28	r9637411	RAUCH power/wire conduit 37mm ² / 4m Euro central adapter
R28	r9637511	RAUCH power/wire conduit 37mm ² / 5m Euro central adapter
N.i.	neu61021	Washer fits RAUCH power connection air-cooled for separate lines 37mm ² + 44mm ² 3,7mm
Reel goods: Prices are per meter and only applicable if a complete reel is purchased.		
N.i.	r3800001	Meter exhaust hose ID38mm (18m)
R37	r3800311	Section of exhaust hose 2,4m ID38mm / for 3m RAUCH torch
R37	r3800411	Section of exhaust hose 3,4m ID38mm / for 4m RAUCH torch
R37	r3800511	Section of exhaust hose 4,4m ID38mm / for 5m RAUCH torch
R37.1	r3800011	Leather-sleeve ID50mm appr. 2m long, for fume extraction hose ID-38mm
N.i.	r3800313	Fume extraction hose (section) ID38mm for RAUCH torch 3m/EURO central adapter complete with ball joint, appr. 2,2m leather attached with shrinking hose Overall length: 2,40 m
N.i.	r3800413	Fume extraction hose (section) ID38mm for RAUCH torch 4m/EURO central adapter complete with ball joint, appr. 2,2m leather attached with shrinking hose Overall length: 3,40 m
N.i.	r3800513	Fume extraction hose (section) ID38mm for RAUCH torch 5m/EURO central adapter complete with ball joint, appr. 2,2m leather attached with shrinking hose Overall length: 4,40 m
R50	91700002	Fume central adapter connection-system for air-cooled torches complete. Consisting of: 91700061 + 91700011 + 91700021 + 91700032 + 91700151 + 91700041 + 91900702
R50.1	91912611	Cable support spring machine side fits RAUCH Holch cable support
R50.2	91700061	Fume central adapter / fume protected area to connect support lines, lateral mouth for rubber grommet, 2 halves complete with bushing and screws and 1 red O-ring
R50.3	91700011	Fume central adapter chamber rotatable 360°. 2 halves complete with bushing, screws and 2 O-rings (red). Fits to genuine Holch extraction connection adapter 45° and central adapter connection chamber
R50.4	91700021	Fume central adapter extraction connection 45°, 2 half pieces complete with bushes and screws. Only for genuine Holch central adapter rotatable extraction chamber
N.i.	91700032	Fume central adapter membrane OD35-8mm thick for the genuine Holch fume protected central adapter connection chamber for air-cooled RAUCH fume extraction torch
N.i.	91920702	Screw M3x11,5mm fits Ratio/Industry/RAUCH handle and cable support
N.i.	91920703	M3 mounting socket fits Ratio/Industry/RAUCH handle and cable support
N.i.	91900601	Attachment screw M4x6mm fits cable support EURO central adapter
50.6	91700151	Fume central adapter seal set for air cooled torches to seal the opening in the fume protected connection chamber
N.i.	r9131002	Special high heat resistant O-ring ID33mm-W2mm for fume extraction connection chamber
N.i.	91700111	Special high heat resistant O-ring ID46mm-W2mm fits fume extraction chamber

MHS RAUCH-250

Welding-torch MIG-MAG air-cooled

250A at 100 % duty cycle (CO2) - 210A at 100 % duty cycle (mixed gas)

Art.-No.		
R51	91900106	Central adapter spring contact-pins EURO central adapter
R51	91900101	Central adapter fixed contact-pins EURO central adapter
R52	91900801	O-ring ID4-W1mm fits gas-nipple EURO central adapter
R53	91900901	Swivel nut IT-M10x1 (rounded edges) fits EURO central adapter
R54	91903001	Female connector cable-plug fits machine side EURO central adapter
R55	91900702	Terminal nut insulated fits EURO central adapter (widened fits RAUCH)
R55.2	91700041	Strengthening for terminal nut EURO central adapter 2 halves complete with bushing and screws (black)
R61	ven91984	Hexagon nut M10x1 SW14 with flange
R62	ven91985	Tooth lock washer AD-13-ID9mm
R64	ven98001	Tip/nozzle holder Rauch-250 / RAUCH-330
R70	83008401	Contact tip M8-L30-D10 CuCrZr 0,8
R70	83010401	Contact tip M8-L30-D10 CuCrZr 1,0
R70	83012401	Contact tip M8-L30-D10 CuCrZr 1,2
R70	83014401	Contact tip M8-L30-D10 CuCrZr 1,4
R70	83008a01	Contact tip M8-L30-D10 0,8-A for aluminium wire
R70	83010a01	Contact tip M8-L30-D10 1,0-A for aluminium wire
R70	83012a01	Contact tip M8-L30-D10 1,2-A for aluminium wire
R75	88551241	Narrow gap-contact tip M8-L85,5-D10 turned down to 6mm 1,2 CuCrZr
R79	ven93101	Gas nozzle RAUCH-250/330 conical-ID12mm with spatter protection
R80	ven93002	Gas nozzle RAUCH-250/330 conical-ID15mm with spatter protection
R81	ven93302	Gas nozzle RAUCH-250/330 cylindrical-ID18mm with spatter protection
R82	r3309362	Narrow-gap lower section with silicone sealing ring for MHS RAUCH-250 / MHS RAUCH-330
R83	r3309364	Narrow-gap gas nozzle ID11-OD14mm / length 70mm for narrow-gap lower section MHS RAUCH-250 / RAUCH-330
R84	r3309363	Silicon seal ID14-W1,5mm for narrow-gap lower section MHS RAUCH-250 / MHS RAUCH-330
R90	15451311	Guide spiral-liner blue ID1,5-AD4,5 fits 3m / EURO central adapter
R90	15451411	Guide spiral-liner blue ID1,5-AD4,5 fits 4m / EURO central adapter
R90	15451511	Guide spiral-liner blue ID1,5-AD4,5 fits 5m / EURO central adapter
R90	2045j311	Guide spiral-liner red ID2,0-AD4,5 fits 3m / EURO central adapter
R90	2045j411	Guide spiral-liner red ID2,0-AD4,5 fits 4m / EURO central adapter
R90	2045j511	Guide spiral-liner red ID2,0-AD4,5 fits 5m / EURO central adapter
R90	23481311	Spiral-liner green ID2,3-AD4,8 fits 3m / EURO central adapter
R90	23481411	Spiral-liner green ID2,3-AD4,8 fits 4m / EURO central adapter
R90	23481511	Spiral-liner green ID2,3-AD4,8 fits 5m / EURO central adapter
R90	2545j311	Guide spiral-liner yellow ID2,5-AD4,5 fits 3m / EURO central adapter
R90	2545j411	Guide spiral-liner yellow ID2,5-AD4,5 fits 4m / EURO central adapter
R90	2545j511	Guide spiral-liner yellow ID2,5-AD4,5 fits 5m / EURO central adapter
R92	20393311	PTFE-carbon core liner ID2,0-AD3,9 fits 3m / EURO central adapter
R92	20393411	PTFE-carbon core liner ID2,0-AD3,9 fits 4m / EURO central adapter
R92	20393511	PTFE-carbon core liner ID2,0-AD3,9 fits 5m / EURO central adapter

MHS RAUCH-250

Welding-torch MIG-MAG air-cooled

250A at 100 % duty cycle (CO2) - 210A at 100 % duty cycle (mixed gas)

Art.-No.		
R92	20406311	PA-carbon core liner black ID2,0-AD4,0 fits 3m / EURO central adapter
R92	20406411	PA-carbon core liner black ID2,0-AD4,0 fits 4m / EURO central adapter
R92	20406511	PA-carbon core liner black ID2,0-AD4,0 fits 5m / EURO central adapter
N.i.	20405002	Brass spiral liner blue L300mm IG fits AD3,9/4,0mm
R95	91905721	Nipple (brass L-30mm) fits spiral liner EURO central adapter AD 4,5mm
R96	91906111	Nipple fits core liner EURO central adapter AD3,9/4,0mm
R97	91906131	O-ring ID3,5-W1,5mm fits core liners
N.i.	91906112	Support tube, brass ID4,4 - AD5,0 - L200mm

Torch MHS RAUCH-350-SC pluggable air-cooled

Fume extraction torch

Product information:

At the pistol end the very light TPE extraction hose is protected by approx. 2m leather cover hose.
Damage caused by splashes or sharp edges is thus prevented.

The factory standard gear is marked in red.

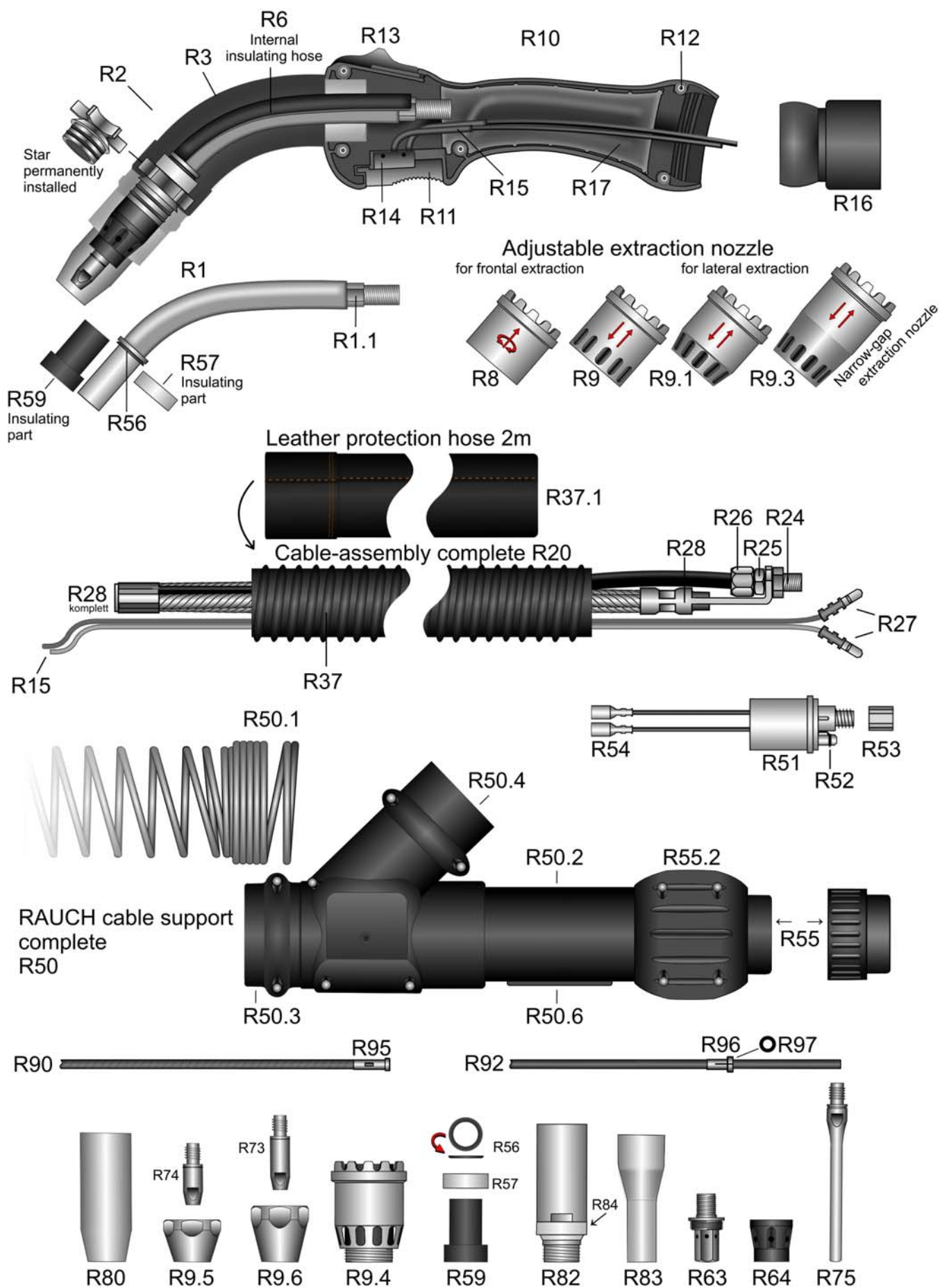


Holch Schweißbrenner GmbH
Bühlstraße 14
D-57080 Siegen

Phone: +49(0)271 387860-11
Telefax: +49(0)271 387860-29
E-Mail: info@holch-siegen.de
Web: www.holch-siegen.de

MHS RAUCH-350-SC pluggable air-cooled

350 Ampere at 100% duty cycle (CO₂) - 310 Ampere at 100% duty cycle (mixed gas)



HSN 915-3

MHS RAUCH-350-SC pluggable

Welding-torch MIG-MAG air-cooled

350A at 100 % duty cycle (CO2) - 310A at 100 % duty cycle (mixed gas)

Art.-No.

Spare parts as torch MHS RAUCH-400 water-cooled

r3500312 Torch MHS RAUCH-350-SC pluggable / 3m EURO central adapter exhaust hose ID38mm

r3500412 Torch MHS RAUCH-350-SC pluggable / 4m EURO central adapter exhaust hose ID38mm

r3500512 Torch MHS RAUCH-350-SC pluggable / 5m EURO central adapter exhaust hose ID38mm

For torches without EURO central-adaptor the following prices apply.

Please note that for some special machine side connections surcharges may arise, which you will find in the appendix "A" custom made products.

r3500302 Torch MHS RAUCH-350-SC pluggable / 3m exhaust hose ID38mm

r3500402 Torch MHS RAUCH-350-SC pluggable / 4m exhaust hose ID38mm

r3500502 Torch MHS RAUCH-350-SC pluggable / 5m exhaust hose ID38mm

R1 r3509101 Swan neck MHS RAUCH-350-SC fits version screwable + pluggable

R1.1 r3509102 Lock-nut SW12 M10x1-L10mm fits RAUCH-350-SC / RAUCH-250

R2 r4509112 Fume extraction tube for torch body RAUCH-350-SC/450-SC pluggable

R3 r3509113 Fume extraction tube for pluggable gas nozzle with mounted swan neck complete with all consumables (conatct tip 1,0), without fume extraction nozzle

R6 r2509121 Section of silicone/glas insulating hose ID12,6-L125mm heat resistant up to 200°C

R8 r9130002 Fume extraction nozzle for RAUCH-350-SC / RAUCH-450-SC made of brass, nickel plated, frontal extraction, adjustable, complete with special o-ring high temperature resistant

R9 r9130003 Fume extraction nozzle for RAUCH-350-SC / RAUCH-450-SC made of brass, nickel plated, lateral extraction, adjustable, complete with special o-ring high temperature resistant

R9.1 r9130004 Fume extraction nozzle for RAUCH-350-SC / RAUCH-450-SC made of brass, nickel plated, conical, lateral extraction, wide extraction slots, complete with special o-ring high temperature resistant

R9.3 r9130006 Fume extraction nozzle narrow-gap (long) for RAUCH-350-SC / RAUCH-450-SC made of brass, nickel plated, conical, narrow extraction slots, complete with special o-ring high temperature resistant

R9.4 r9360001 Combined gas- and fume- extraction nozzle for gas nozzle tops L-22mm and L-28mm

R9.5 r9360002 Gas nozzle top L-22mm for combined gas extraction nozzle

R9.6 r9360003 Gas nozzle top L-28mm for combined gas extraction nozzle

N.i. r9131001 Special high heat resistant O-ring ID33-W2mm for fume extraction nozzle RAUCH-350-SC / RAUCH-450-SC

RAUCH-handle complete with air-slider, switch and all sundries.

Please order ball joint and RAUCH air insulation separately.

R10 r9193811 RAUCH-handle red

R11 91912440 Ratio push button black

R12 91920703 M3 mounting socket fits Ratio/Industry/RAUCH handle and cable support

N.i. 91920702 Screw M3x11,5mm fits Ratio/Industry/RAUCH handle and cable support

R13 r9193812 RAUCH-air slider black

R14 91912538 Ratio microswitch DC2 also fits RAUCH handle with 2 contacts (close only)

Reel goods:

Prices are per meter and only applicable if a complete reel is purchased.

R15 91902601 Meter control line 2x0,5mm² silicone red (100m)

R15 91902602 Meter control line 2x0,5mm² silicone white (100m)

N.i. s5080001 Meter shrinking hose, heatresistant 2:1, ID50,8mm (5m)

R16 r9193804 RAUCH-ball joint fits hose ID38mm

R17 r9193816 RAUCH air insulation inlet, 2 halves, for optimal heat shielding in the handle area

MHS RAUCH-350-SC pluggable

Welding-torch MIG-MAG air-cooled

350A at 100 % duty cycle (CO₂) - 310A at 100 % duty cycle (mixed gas)

Art.-No.

Cable assembly for EURO central adapter separate cables with power / wire conduit 44mm²

R20	ve290311	Spare cable assembly RAUCH-350-SC 3m / without EURO central adapter exhaust hose ID38mm, complete with appr. 2,2m leather protection sleeve
R20	ve290411	Spare cable assembly RAUCH-350-SC 4m / without EURO central adapter exhaust hose ID38mm, complete with appr. 2,2m leather protection sleeve
R20	ve290511	Spare cable assembly RAUCH-350-SC 5m / without EURO central adapter exhaust hose ID38mm, complete with appr. 2,2m leather protection sleeve

R24	neu61002	Power/wire connector for separate lines
R25	neu61004	Hex nut for power connector separate lines
R26	neu61003	Tightening/swivel nut for power connector separate lines
R27	91902901	Male connector cable-plug for machine side EURO central adapter
R28	r9644311	RAUCH power/wire conduit 44mm ² / 3m Euro central adapter
R28	r9644411	RAUCH power/wire conduit 44mm ² / 4m Euro central adapter
R28	r9644511	RAUCH power/wire conduit 44mm ² / 5m Euro central adapter
N.i.	neu61021	Washer fits RAUCH power connection air-cooled for separate lines 37mm ² + 44mm ² 3,7mm

Reel goods:

Prices are per meter and only applicable if a complete reel is purchased.

N.i.	r3800001	Meter exhaust hose ID38mm (18m)
R37	r3800311	Section of exhaust hose 2,4m ID38mm / for 3m RAUCH torch
R37	r3800411	Section of exhaust hose 3,4m ID38mm / for 4m RAUCH torch
R37	r3800511	Section of exhaust hose 4,4m ID38mm / for 5m RAUCH torch
R37.1	r3800011	Leather-sleeve ID50mm appr. 2m long, for fume extraction hose ID-38mm
N.i.	r3800313	Fume extraction hose (section) ID38mm for RAUCH torch 3m/EURO central adapter complete with ball joint, appr. 2,2m leather attached with shrinking hose Overall length: 2,40 m
N.i.	r3800413	Fume extraction hose (section) ID38mm for RAUCH torch 4m/EURO central adapter complete with ball joint, appr. 2,2m leather attached with shrinking hose Overall length: 3,40 m
N.i.	r3800513	Fume extraction hose (section) ID38mm for RAUCH torch 5m/EURO central adapter complete with ball joint, appr. 2,2m leather attached with shrinking hose Overall length: 4,40 m

R50	91700002	Fume central adapter connection-system for air-cooled torches complete. Consisting of: 91700061 + 91700011 + 91700021 + 91700032 + 91700151 + 91700041 + 91900702
R50.1	91912611	Cable support spring machine side fits RAUCH Holch cable support
R50.2	91700061	Fume central adapter / fume protected area to connect support lines, lateral mouth for rubber grommet, 2 halves complete with bushing and screws and 1 red O-ring
R50.3	91700011	Fume central adapter chamber rotatable 360°. 2 halves complete with bushing, screws and 2 O-rings (red). Fits to genuine Holch extraction connection adapter 45° and central adapter connection chamber
R50.4	91700021	Fume central adapter extraction connection 45°, 2 half pieces complete with bushes and screws. Only for genuine Holch central adapter rotatable extraction chamber
N.i.	91700032	Fume central adapter membrane OD35-8mm thick for the genuine Holch fume protected central adapter connection chamber for air-cooled RAUCH fume extraction torch
N.i.	91920702	Screw M3x11,5mm fits Ratio/Industry/RAUCH handle and cable support
N.i.	91920703	M3 mounting socket fits Ratio/Industry/RAUCH handle and cable support
N.i.	91900601	Attachment screw M4x6mm fits cable support EURO central adapter

MHS RAUCH-350-SC pluggable

Welding-torch MIG-MAG air-cooled

350A at 100 % duty cycle (CO2) - 310A at 100 % duty cycle (mixed gas)

Art.-No.		
50.6	91700151	Fume central adapter seal set for air cooled torches to seal the opening in the fume protected connection chamber
N.i.	r9131002	Special high heat resistant O-ring ID33mm-W2mm for fume extraction connection chamber
N.i.	91700111	Special high heat resistant O-ring ID46mm-W2mm fits fume extraction chamber
R51	91900106	Central adapter spring contact-pins EURO central adapter
R51	91900101	Central adapter fixed contact-pins EURO central adapter
R52	91900801	O-ring ID4-W1mm fits gas-nipple EURO central adapter
R53	91900901	Swivel nut IT-M10x1 (rounded edges) fits EURO central adapter
R54	91903001	Female connector cable-plug fits machine side EURO central adapter
R55	91900702	Terminal nut insulated fits EURO central adapter (widened fits RAUCH)
R55.2	91700041	Strengthening for terminal nut EURO central adapter 2 halves complete with bushing and screws (black)
R56	r9120008	Lock spring washer for RAUCH-350-SC / RAUCH-450-SC
R57	r9120002	Peek insulation for RAUCH-350-SC / RAUCH-450-SC (back)
R59	r9121001	HT-insulation black power fits RAUCH-350-SC / RAUCH-450-SC (front) with long cylinder
R63	r9800002	Contact tip holder M8 with OT-M16x1 fits gas diffusor
R64	r9120007	HT gas-diffusor black power with rib-like gas conduit, IT-M16x1, 18mm tapped
R73	83608401	HD-contact tip M8-L36-AD10 CuCrZr 0,8
R73	83610401	HD-contact tip M8-L36-AD10 CuCrZr 1,0
R73	83612401	HD-contact tip M8-L36-AD10 CuCrZr 1,2
R73	83614401	HD-contact tip M8-L36-AD10 CuCrZr 1,4
R73	83616401	HD-contact tip M8-L36-AD10 CuCrZr 1,6
R74	83008401	Contact tip M8-L30-D10 CuCrZr 0,8
R74	r83010401	Contact tip M8-L30-D10 CuCrZr 1,0
R74	83012401	Contact tip M8-L30-D10 CuCrZr 1,2
R74	83014401	Contact tip M8-L30-D10 CuCrZr 1,4
R74	83016401	Contact tip M8-L30-D10 CuCrZr 1,6
R74	83008a01	Contact tip M8-L30-D10 0,8-A for aluminium wire
R74	83010a01	Contact tip M8-L30-D10 1,0-A for aluminium wire
R74	83012a01	Contact tip M8-L30-D10 1,2-A for aluminium wire
R74	83016a01	Contact tip M8-L30-D10 1,6-A for aluminium wire
R75	88551241	Narrow gap-contact tip M8-L85,5-D10 turned down to 6mm 1,2 CuCrZr
R80	r9300002	Gas nozzle conical-ID16mm pluggable
R82	r4509364	Narrow-gap lower section with PTFE sealing ring for RAUCH-350-SC / RAUCH-450-SC plugable
R83	r4509365	Narrow gap gas-nozzle ID12-OD12mm / length 62,5mm for narrow-gap lower section RAUCH-350-SC / RAUCH-450-SC
R84	r4509363	PTFE sealing ring for narrow-gap lower section RAUCH-350-SC / RAUCH-450-SC
R90	15451311	Guide spiral-liner blue ID1,5-AD4,5 fits 3m / EURO central adapter
R90	15451411	Guide spiral-liner blue ID1,5-AD4,5 fits 4m / EURO central adapter
R90	15451511	Guide spiral-liner blue ID1,5-AD4,5 fits 5m / EURO central adapter
R90	2045j311	Guide spiral-liner red ID2,0-AD4,5 fits 3m / EURO central adapter

MHS RAUCH-350-SC pluggable

Welding-torch MIG-MAG air-cooled

350A at 100 % duty cycle (CO2) - 310A at 100 % duty cycle (mixed gas)

Art.-No.		
R90	2045j411	Guide spiral-liner red ID2,0-AD4,5 fits 4m / EURO central adapter
R90	2045j511	Guide spiral-liner red ID2,0-AD4,5 fits 5m / EURO central adapter
R90	23481311	Spiral-liner green ID2,3-AD4,8 fits 3m / EURO central adapter
R90	23481411	Spiral-liner green ID2,3-AD4,8 fits 4m / EURO central adapter
R90	23481511	Spiral-liner green ID2,3-AD4,8 fits 5m / EURO central adapter
R90	2545j311	Guide spiral-liner yellow ID2,5-AD4,5 fits 3m / EURO central adapter
R90	2545j411	Guide spiral-liner yellow ID2,5-AD4,5 fits 4m / EURO central adapter
R90	2545j511	Guide spiral-liner yellow ID2,5-AD4,5 fits 5m / EURO central adapter
R92	20393311	PTFE-carbon core liner ID2,0-AD3,9 fits 3m / EURO central adapter
R92	20393411	PTFE-carbon core liner ID2,0-AD3,9 fits 4m / EURO central adapter
R92	20393511	PTFE-carbon core liner ID2,0-AD3,9 fits 5m / EURO central adapter
R92	27473311	PTFE-carbon core liner ID2,7-AD4,7 fits 3m / EURO central adapter
R92	27473411	PTFE-carbon core liner ID2,7-AD4,7 fits 4m / EURO central adapter
R92	27473511	PTFE-carbon core liner ID2,7-AD4,7 fits 5m / EURO central adapter
R92	20406311	PA-carbon core liner black ID2,0-AD4,0 fits 3m / EURO central adapter
R92	20406411	PA-carbon core liner black ID2,0-AD4,0 fits 4m / EURO central adapter
R92	20406511	PA-carbon core liner black ID2,0-AD4,0 fits 5m / EURO central adapter
R92	23476311	PA-core liner black ID2,3-AD4,7 fits 3m / EURO central adapter
R92	23476411	PA-core liner black ID2,3-AD4,7 fits 4m / EURO central adapter
R92	23476511	PA-core liner black ID2,3-AD4,7 fits 5m / EURO central adapter
N.i.	20405002	Brass spiral liner blue L300mm IG fits AD3,9/4,0mm
N.i.	20405001	Brass spiral liner green L300mm IG fits AD4,7mm
R95	91905721	Nipple (brass L-30mm) fits spiral liner EURO central adapter AD 4,5mm
R96	91906111	Nipple fits core liner EURO central adapter AD3,9/4,0mm
R96	91906121	Nipple fits core liner EURO central adapter AD 4,7mm
R97	91906131	O-ring ID3,5-W1,5mm fits core liners
N.i.	91906112	Support tube, brass ID4,4 - AD5,0 - L200mm

Torch MHS RAUCH-350-SC screwable air-cooled

Fume extraction torch

Product information:

At the pistol end the very light TPE extraction hose is protected by approx. 2m leather cover hose.
Damage caused by splashes or sharp edges is thus prevented.

The factory standard gear is marked in red.



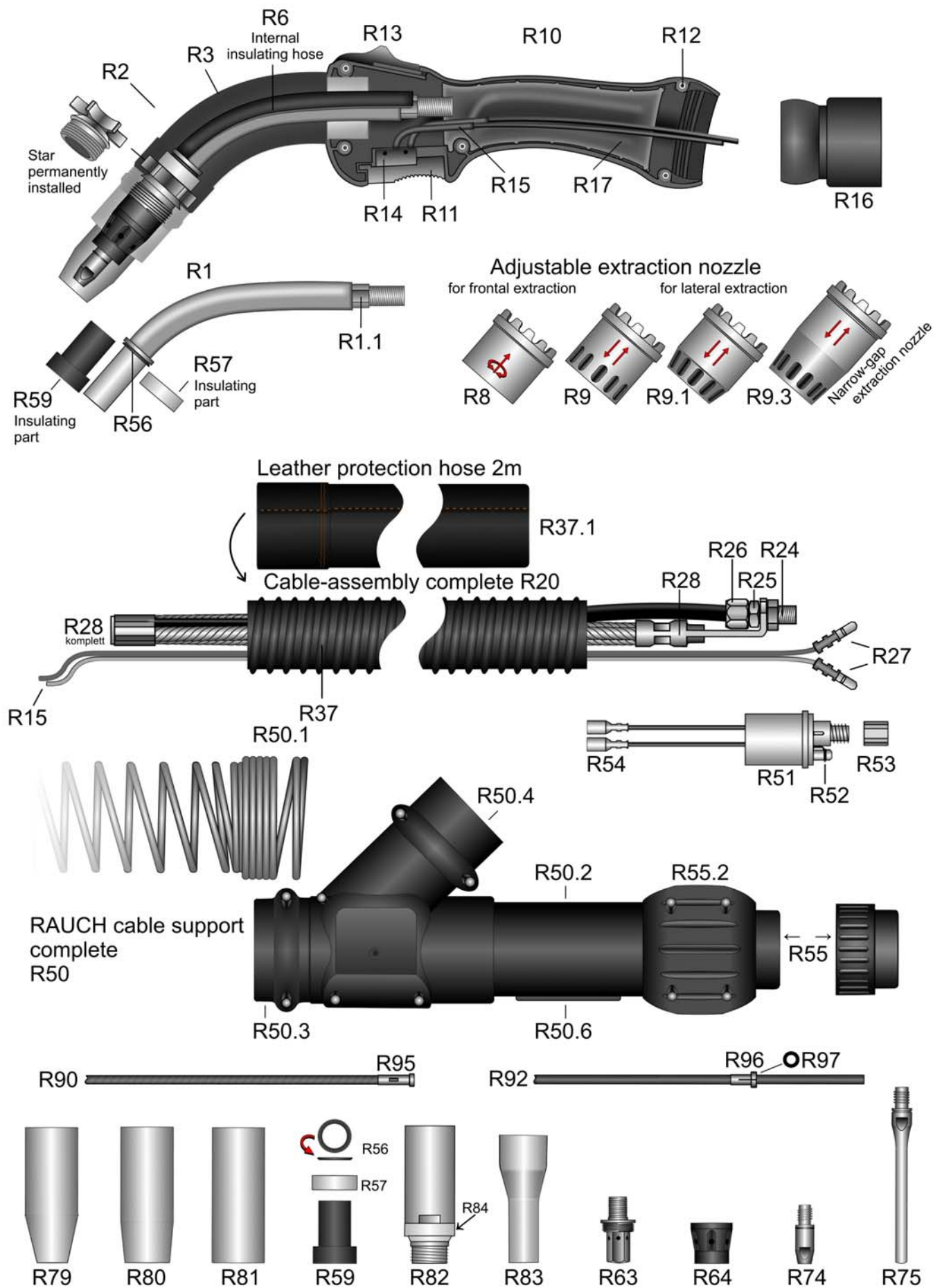
Holch Schweißbrenner GmbH
Bühlstraße 14
D-57080 Siegen

Phone: +49(0)271 387860-11
Telefax: +49(0)271 387860-29
E-Mail: info@holch-siegen.de
Web: www.holch-siegen.de



MHS RAUCH-350-SC screwable air-cooled

350 Ampere at 100% duty cycle (CO₂) - 310 Ampere at 100% duty cycle (mixed gas)



HSN 869-8

MHS RAUCH-350-SC screwable

Welding-torch MIG-MAG air-cooled

350A at 100 % duty cycle (CO2) - 310A at 100 % duty cycle (mixed gas)

Art.-No.

Spare parts as torch MHS RAUCH-400 water-cooled

r3500311	Torch MHS RAUCH-350-SC screwable / 3m EURO central adapter exhaust hose ID38mm
r3500411	Torch MHS RAUCH-350-SC screwable / 4m EURO central adapter exhaust hose ID38mm
r3500511	Torch MHS RAUCH-350-SC screwable / 5m EURO central adapter exhaust hose ID38mm

For torches without EURO central-adaptor the following prices apply.

Please note that for some special machine side connections surcharges may arise, which you will find in the appendix "A" custom made products.

r3500301	Torch MHS RAUCH-350-SC screwable / 3m exhaust hose ID38mm
r3500401	Torch MHS RAUCH-350-SC screwable / 4m exhaust hose ID38mm
r3500501	Torch MHS RAUCH-350-SC screwable / 5m exhaust hose ID38mm

R1	r3509101	Swan neck MHS RAUCH-350-SC fits version screwable + pluggable
R1.1	r3509102	Lock-nut SW12 M10x1-L10mm fits RAUCH-350-SC / RAUCH-250
R2	r4509102	Fume extraction tube for torch body RAUCH-350-SC/450-SC screwable
R3	r3509103	Fume extraction tube fits screwable gas nozzle with Swan neck complete with all consumables (conatct tip 1,0), without fume extraction nozzle
R6	r2509121	Section of silicone/glas insulating hose ID12,6-L125mm heat resistant up to 200°C
R8	r9130002	Fume extraction nozzle for RAUCH-350-SC / RAUCH-450-SC made of brass, nickel plated, frontal extraction, adjustable, complete with special o-ring high temperature resistant
R9	r9130003	Fume extraction nozzle for RAUCH-350-SC / RAUCH-450-SC made of brass, nickel plated, lateral extraction, adjustable, complete with special o-ring high temperature resistant
R9.1	r9130004	Fume extraction nozzle for RAUCH-350-SC / RAUCH-450-SC made of brass, nickel plated, conical, lateral extraction,wide extraction slots, complete with special o-ring high temperature resistant
R9.3	r9130006	Fume extraction nozzle narrow-gap (long) for RAUCH-350-SC / RAUCH-450-SC made of brass, nickel plated, conical, narrow extraction slots, complete with special o-ring high temperature resistant
N.i.	r9131001	Special high heat resistant O-ring ID33-W2mm for fume extraction nozzle RAUCH-350-SC / RAUCH-450-SC

RAUCH-handle complete with air-slider, switch and all sundries.

Please order ball joint and RAUCH air insulation separately.

R10	r9193811	RAUCH-handle red
R11	91912440	Ratio push button black
R12	91920703	M3 mounting socket fits Ratio/Industry/RAUCH handle and cable support
N.i.	91920702	Screw M3x11,5mm fits Ratio/Industry/RAUCH handle and cable support
R13	r9193812	RAUCH-air slider black
R14	91912538	Ratio microswitch DC2 also fits RAUCH handle with 2 contacts (close only)

Reel goods:

Prices are per meter and only applicable if a complete reel is purchased.

R15	91902601	Meter control line 2x0,5mm ² silicone red (100m)
R15	91902602	Meter control line 2x0,5mm ² silicone white (100m)
N.i.	s5080001	Meter shrinking hose, heatresistant 2:1, ID50,8mm (5m)

R16	r9193804	RAUCH-ball joint fits hose ID38mm
R17	r9193816	RAUCH air insulation inlet, 2 halves, for optimal heat shielding in the handle area

**Cable assembly for EURO central adapter
separate cables with power / wire conduit 44mm²**

MHS RAUCH-350-SC screwable

Welding-torch MIG-MAG air-cooled

350A at 100 % duty cycle (CO2) - 310A at 100 % duty cycle (mixed gas)

Art.-No.		
R20	ve290311	Spare cable assembly RAUCH-350-SC 3m / without EURO central adapter exhaust hose ID38mm, complete with appr. 2,2m leather protection sleeve
R20	ve290411	Spare cable assembly RAUCH-350-SC 4m / without EURO central adapter exhaust hose ID38mm, complete with appr. 2,2m leather protection sleeve
R20	ve290511	Spare cable assembly RAUCH-350-SC 5m / without EURO central adapter exhaust hose ID38mm, complete with appr. 2,2m leather protection sleeve
R24	neu61002	Power/wire connector for separate lines
R25	neu61004	Hex nut for power connector separate lines
R26	neu61003	Tightening/swivel nut for power connector separate lines
R27	91902901	Male connector cable-plug for machine side EURO central adapter
R28	r9644311	RAUCH power/wire conduit 44mm ² / 3m Euro central adapter
R28	r9644411	RAUCH power/wire conduit 44mm ² / 4m Euro central adapter
R28	r9644511	RAUCH power/wire conduit 44mm ² / 5m Euro central adapter
N.i.	neu61021	Washer fits RAUCH power connection air-cooled for separate lines 37mm ² + 44mm ² 3,7mm
Reel goods: Prices are per meter and only applicable if a complete reel is purchased.		
N.i.	r3800001	Meter exhaust hose ID38mm (18m)
R37	r3800311	Section of exhaust hose 2,4m ID38mm / for 3m RAUCH torch
R37	r3800411	Section of exhaust hose 3,4m ID38mm / for 4m RAUCH torch
R37	r3800511	Section of exhaust hose 4,4m ID38mm / for 5m RAUCH torch
R37.1	r3800011	Leather-sleeve ID50mm appr. 2m long, for fume extraction hose ID-38mm
N.i.	r3800313	Fume extraction hose (section) ID38mm for RAUCH torch 3m/EURO central adapter complete with ball joint, appr. 2,2m leather attached with shrinking hose Overall length: 2,40 m
N.i.	r3800413	Fume extraction hose (section) ID38mm for RAUCH torch 4m/EURO central adapter complete with ball joint, appr. 2,2m leather attached with shrinking hose Overall length: 3,40 m
N.i.	r3800513	Fume extraction hose (section) ID38mm for RAUCH torch 5m/EURO central adapter complete with ball joint, appr. 2,2m leather attached with shrinking hose Overall length: 4,40 m
R50	91700002	Fume central adapter connection-system for air-cooled torches complete. Consisting of: 91700061 + 91700011 + 91700021 + 91700032 + 91700151 + 91700041 + 91900702
R50.1	91912611	Cable support spring machine side fits RAUCH Holch cable support
R50.2	91700061	Fume central adapter / fume protected area to connect support lines, lateral mouth for rubber grommet, 2 halves complete with bushing and screws and 1 red O-ring
R50.3	91700011	Fume central adapter chamber rotatable 360°. 2 halves complete with bushing, screws and 2 O-rings (red). Fits to genuine Holch extraction connection adapter 45° and central adapter connection chamber
R50.4	91700021	Fume central adapter extraction connection 45°, 2 half pieces complete with bushes and screws. Only for genuine Holch central adapter rotatable extraction chamber
N.i.	91700032	Fume central adapter membrane OD35-8mm thick for the genuine Holch fume protected central adapter connection chamber for air-cooled RAUCH fume extraction torch
N.i.	91920702	Screw M3x11,5mm fits Ratio/Industry/RAUCH handle and cable support
N.i.	91920703	M3 mounting socket fits Ratio/Industry/RAUCH handle and cable support
N.i.	91900601	Attachment screw M4x6mm fits cable support EURO central adapter
50.6	91700151	Fume central adapter seal set for air cooled torches to seal the opening in the fume protected connection chamber
N.i.	r9131002	Special high heat resistant O-ring ID33mm-W2mm for fume extraction connection chamber
N.i.	91700111	Special high heat resistant O-ring ID46mm-W2mm fits fume extraction chamber

MHS RAUCH-350-SC screwable

Welding-torch MIG-MAG air-cooled

350A at 100 % duty cycle (CO2) - 310A at 100 % duty cycle (mixed gas)

Art.-No.		
R51	91900106	Central adapter spring contact-pins EURO central adapter
R51	91900101	Central adapter fixed contact-pins EURO central adapter
R52	91900801	O-ring ID4-W1mm fits gas-nipple EURO central adapter
R53	91900901	Swivel nut IT-M10x1 (rounded edges) fits EURO central adapter
R54	91903001	Female connector cable-plug fits machine side EURO central adapter
R55	91900702	Terminal nut insulated fits EURO central adapter (widened fits RAUCH)
R55.2	91700041	Strengthening for terminal nut EURO central adapter 2 halves complete with bushing and screws (black)
R56	r9120008	Lock spring washer for RAUCH-350-SC / RAUCH-450-SC
R57	r9120002	Peek insulation for RAUCH-350-SC / RAUCH-450-SC (back)
R59	r9121001	HT-insulation black power fits RAUCH-350-SC / RAUCH-450-SC (front) with long cylinder
R63	r9800002	Contact tip holder M8 with OT-M16x1 fits gas diffusor
R64	r9120007	HT gas-diffusor black power with rib-like gas conduit, IT-M16x1, 18mm tapped
R74	83008401	Contact tip M8-L30-D10 CuCrZr 0,8
R74	83010401	Contact tip M8-L30-D10 CuCrZr 1,0
R74	83012401	Contact tip M8-L30-D10 CuCrZr 1,2
R74	83014401	Contact tip M8-L30-D10 CuCrZr 1,4
R74	83008a01	Contact tip M8-L30-D10 0,8-A for aluminium wire
R74	83010a01	Contact tip M8-L30-D10 1,0-A for aluminium wire
R74	83012a01	Contact tip M8-L30-D10 1,2-A for aluminium wire
R75	88551241	Narrow gap-contact tip M8-L85,5-D10 turned down to 6mm 1,2 CuCrZr
R79	r9310001	Screwable gas nozzle conical-ID12mm (long cone)
R80	r9300001	Screwable gas nozzle conical ID16mm
R81	r9330001	Screwable gas nozzle cylindric ID21mm
R82	r4509362	Narrow-gap lower section with PTFE sealing ring for RAUCH-350-SC / RAUCH-450-SC screwable
R83	r4509365	Narrow gap gas-nozzle ID12-OD12mm / length 62,5mm for narrow-gap lower section RAUCH-350-SC / RAUCH-450-SC
R84	r4509363	PTFE sealing ring for narrow-gap lower section RAUCH-350-SC / RAUCH-450-SC
R90	15451311	Guide spiral-liner blue ID1,5-AD4,5 fits 3m / EURO central adapter
R90	15451411	Guide spiral-liner blue ID1,5-AD4,5 fits 4m / EURO central adapter
R90	15451511	Guide spiral-liner blue ID1,5-AD4,5 fits 5m / EURO central adapter
R90	2045j311	Guide spiral-liner red ID2,0-AD4,5 fits 3m / EURO central adapter
R90	2045j411	Guide spiral-liner red ID2,0-AD4,5 fits 4m / EURO central adapter
R90	2045j511	Guide spiral-liner red ID2,0-AD4,5 fits 5m / EURO central adapter
R90	23481311	Spiral-liner green ID2,3-AD4,8 fits 3m / EURO central adapter
R90	23481411	Spiral-liner green ID2,3-AD4,8 fits 4m / EURO central adapter
R90	23481511	Spiral-liner green ID2,3-AD4,8 fits 5m / EURO central adapter
R90	2545j311	Guide spiral-liner yellow ID2,5-AD4,5 fits 3m / EURO central adapter
R90	2545j411	Guide spiral-liner yellow ID2,5-AD4,5 fits 4m / EURO central adapter
R90	2545j511	Guide spiral-liner yellow ID2,5-AD4,5 fits 5m / EURO central adapter

MHS RAUCH-350-SC screwable

Welding-torch MIG-MAG air-cooled

350A at 100 % duty cycle (CO2) - 310A at 100 % duty cycle (mixed gas)

Art.-No.		
R92	20393311	PTFE-carbon core liner ID2,0-AD3,9 fits 3m / EURO central adapter
R92	20393411	PTFE-carbon core liner ID2,0-AD3,9 fits 4m / EURO central adapter
R92	20393511	PTFE-carbon core liner ID2,0-AD3,9 fits 5m / EURO central adapter
R92	27473311	PTFE-carbon core liner ID2,7-AD4,7 fits 3m / EURO central adapter
R92	27473411	PTFE-carbon core liner ID2,7-AD4,7 fits 4m / EURO central adapter
R92	27473511	PTFE-carbon core liner ID2,7-AD4,7 fits 5m / EURO central adapter
R92	20406311	PA-carbon core liner black ID2,0-AD4,0 fits 3m / EURO central adapter
R92	20406411	PA-carbon core liner black ID2,0-AD4,0 fits 4m / EURO central adapter
R92	20406511	PA-carbon core liner black ID2,0-AD4,0 fits 5m / EURO central adapter
R92	23476311	PA-core liner black ID2,3-AD4,7 fits 3m / EURO central adapter
R92	23476411	PA-core liner black ID2,3-AD4,7 fits 4m / EURO central adapter
R92	23476511	PA-core liner black ID2,3-AD4,7 fits 5m / EURO central adapter
N.i.	20405002	Brass spiral liner blue L300mm IG fits AD3,9/4,0mm
N.i.	20405001	Brass spiral liner green L300mm IG fits AD4,7mm
R95	91905721	Nipple (brass L-30mm) fits spiral liner EURO central adapter AD 4,5mm
R96	91906111	Nipple fits core liner EURO central adapter AD3,9/4,0mm
R96	91906121	Nipple fits core liner EURO central adapter AD 4,7mm
R97	91906131	O-ring ID3,5-W1,5mm fits core liners
N.i.	91906112	Support tube, brass ID4,4 - AD5,0 - L200mm

Torch MHS RAUCH-330 water-cooled

Fume extraction torch

Product information:

At the pistol end the very light TPE extraction hose is protected by approx. 2m leather cover hose.
Damage caused by splashes or sharp edges is thus prevented.

The factory standard gear is marked in red.



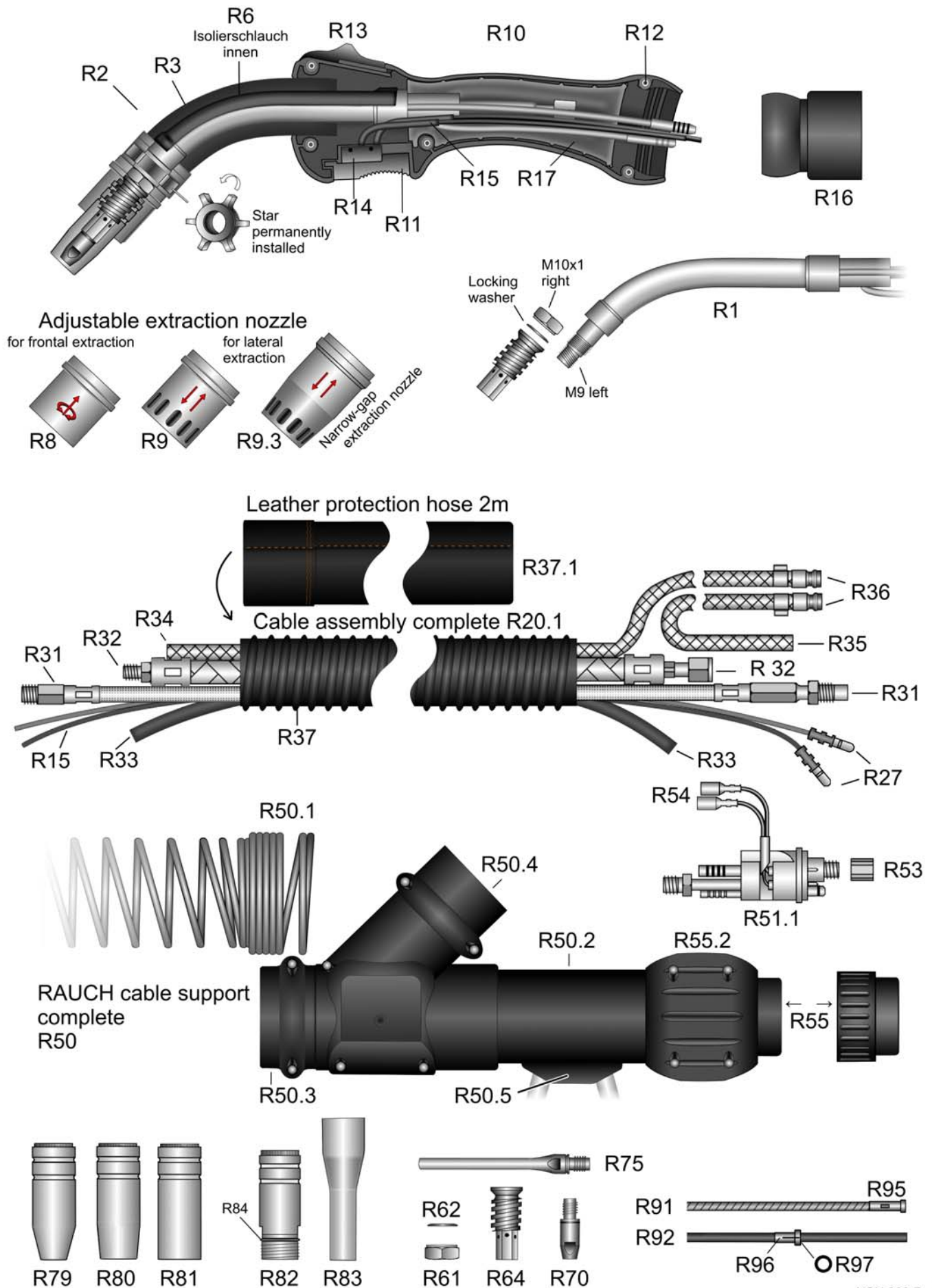
Holch Schweißbrenner GmbH
Bühlstraße 14
D-57080 Siegen

Phone: +49(0)271 387860-11
Telefax: +49(0)271 387860-29
E-Mail: info@holch-siegen.de
Web: www.holch-siegen.de



MHS RAUCH-330 water-cooled

330 Ampere at 100% duty cycle (CO₂) - 290 Ampere at 100% duty cycle (mixed gas)



HSN 866-7

MHS RAUCH-330

Welding-torch MIG-MAG water-cooled

330A at 100 % duty cycle (CO₂) - 290A at 100 % duty cycle (mixed gas)

Art.-No.

Spare parts as torch MHS RAUCH-250 air-cooled

r3300311	Torch MHS RAUCH-330 / 3m EURO central adapter exhaust hose ID38mm
r3300411	Torch MHS RAUCH-330 / 4m EURO central adapter exhaust hose ID38mm
r3300511	Torch MHS RAUCH-330 / 5m EURO central adapter exhaust hose ID38mm

**For torches without EURO central-adaptor the following prices apply.
Please note that for some special machine side connections surcharges may arise,
which you will find in the appendix "A" custom made products.**

r3300301	Torch MHS RAUCH-330 / 3m exhaust hose ID38mm
r3300401	Torch MHS RAUCH-330 / 4m exhaust hose ID38mm
r3300501	Torch MHS RAUCH-330 / 5m exhaust hose ID38mm

R1	r3309101	Torch body MHS RAUCH-330 with insulating hose and hexagon nut
R2	r2509102	Fume suction tube for torch body RAUCH-250/330
R3	r3309103	Fume extraction tube with torch body, complete with all consumables (contact tip 1,2) without fume extraction nozzle
R6	r2509121	Section of silicone/glas insulating hose ID12,6-L125mm heat resistant up to 200°C
R8	r9130012	Fume extraction nozzle for RAUCH-250 / RAUCH-330 made of brass nickel plated, frontal extraction, adjustable, complete with special o-ring high temperature resistant
R9	r9130013	Fume extraction nozzle for RAUCH-250 / RAUCH-330 made of brass nickel plated, side extraction, adjustable, complete with special o-ring high temperature resistant
R9.3	r9130014	Fume extraction nozzle narrow-gap (long) for RAUCH-250 / RAUCH-330 made of brass, nickel plated, lateral extraction, adjustable, complete with special o-ring high temperature resistant

**RAUCH-handle complete with air-slider, switch and all sundries.
Please order ball joint and RAUCH air insulation separately.**

R10	r9193801	RAUCH-handle black
R11	91912439	Push button red for Ratio handle also fits RAUCH handle
R12	91920703	M3 mounting socket fits Ratio/Industry/RAUCH handle and cable support
N.i.	91920702	Screw M3x11,5mm fits Ratio/Industry/RAUCH handle and cable support
R13	r9193802	RAUCH-air slider red
R14	91912538	Ratio microswitch DC2 also fits RAUCH handle with 2 contacts (close only)

Reel goods:

Prices are per meter and only applicable if a complete reel is purchased.

R15	91902601	Meter control line 2x0,5mm ² silicone red (100m)
R15	91902602	Meter control line 2x0,5mm ² silicone white (100m)

R16	r9193804	RAUCH-ball joint fits hose ID38mm
R17	r9193816	RAUCH air insulation inlet, 2 halves, for optimal heat shielding in the handle area

Cable assembly for EURO central adapter consisting of: Exhaust hose, wire conduit, power / watercable, water hose, gas hose and control line.

R20.1	ven91311	Spare cable assembly RAUCH-330 / RAUCH-450-SC 3m / without EURO central adapter separate lines, exhaust hose ID38mm, complete with ball joint and appr. 2,2m leather protection sleeve
R20.1	ven91411	Spare cable assembly RAUCH-330 / RAUCH-450-SC 4m / without EURO central adapter separate lines, exhaust hose ID38mm, complete with ball joint and appr. 2,2m leather protection sleeve

MHS RAUCH-330

Welding-torch MIG-MAG water-cooled

330A at 100 % duty cycle (CO2) - 290A at 100 % duty cycle (mixed gas)

Art.-No.		
R20.1	ven91511	Spare cable assembly RAUCH-330 / RAUCH-450-SC 5m / without EURO central adapter separate lines, exhaust hose ID38mm, complete with ball joint and appr. 2,2m leather protection sleeve
R27	91902901	Male connector cable-plug for machine side EURO central adapter
R31	r950e311	Wire conduit RAUCH / 3m EURO central adapter (PA) black (hard)
R31	r950e411	Wire conduit RAUCH / 4m EURO central adapter (PA) black (hard)
R31	r950e511	Wire conduit RAUCH / 5m EURO central adapter (PA) black (hard)
HT RAB heat-resistant special rubber fabric hose (fabric on inner side), thick, mechanically highly resilient and extremely welding fume resistant		
R32	r9400315	HT 130 TPE power/water cable RAUCH / 3m EURO central adapter blue
R32	r9400415	HT 130 TPE power/water cable RAUCH / 4m EURO central adapter blue
R32	r9400515	HT 130 TPE power/water cable RAUCH / 5m EURO central adapter blue
Reel goods: Prices are per meter and only applicable if a complete reel is purchased.		
N.i.	r3800001	Meter exhaust hose ID38mm (18m)
R33	50170005	Meter HT 130 TPE fabric hose ID5,0-W1,7mm grey (100m)
R34	50172005	Meter HT 130 TPE fabric hose ID5,0-W1,7mm blue for water "RAUCH" (100m)
R35	50171005	Meter HT 130 TPE fabric hose ID5,0-W1,7mm red for water "RAUCH" (100m)
N.i.	81000001	Meter PUR protection hose ID8,5-W1mm fits water hoses OD8,4mm (200m)
N.i.	s5080001	Meter shrinking hose, heatresistant 2:1, ID50,8mm (5m)
R36	91901001	Cooling liquid plug nipples EURO
N.i.	91901008	Closing cap blue fits cooling liquid plug nipples EURO
N.i.	91901009	Closing cap red fits cooling liquid plug nipples EURO
R37	r3800311	Section of exhaust hose 2,4m ID38mm / for 3m RAUCH torch
R37	r3800411	Section of exhaust hose 3,4m ID38mm / for 4m RAUCH torch
R37	r3800511	Section of exhaust hose 4,4m ID38mm / for 5m RAUCH torch
R37.1	r3800011	Leather-sleeve ID50mm appr. 2m long, for fume extraction hose ID-38mm
N.i.	r3800313	Fume extraction hose (section) ID38mm for RAUCH torch 3m/EURO central adapter complete with ball joint, appr. 2,2m leather attached with shrinking hose Overall length: 2,40 m
N.i.	r3800413	Fume extraction hose (section) ID38mm for RAUCH torch 4m/EURO central adapter complete with ball joint, appr. 2,2m leather attached with shrinking hose Overall length: 3,40 m
N.i.	r3800513	Fume extraction hose (section) ID38mm for RAUCH torch 5m/EURO central adapter complete with ball joint, appr. 2,2m leather attached with shrinking hose Overall length: 4,40 m
R50	91700001	Fume central adapter connection-system for water-cooled torches complete. Consisting of: 91700061 + 91700011 + 91700021 + 91700031 + 91700051 + 91700041 + 91900702
R50.1	91912611	Cable support spring machine side fits RAUCH Holch cable support
R50.2	91700061	Fume central adapter / fume protected area to connect support lines, lateral mouth for rubber grommet, 2 halves complete with bushing and screws and 1 red O-ring
R50.3	91700011	Fume central adapter chamber rotatable 360°. 2 halves complete with bushing, screws and 2 O-rings (red). Fits to genuine Holch extraction connection adapter 45° and central adapter connection chamber
R50.4	91700021	Fume central adapter extraction connection 45°, 2 half pieces complete with bushes and screws. Only for genuine Holch central adapter rotatable extraction chamber

MHS RAUCH-330

Welding-torch MIG-MAG water-cooled

330A at 100 % duty cycle (CO2) - 290A at 100 % duty cycle (mixed gas)

Art.-No.		
N.i.	91700031	Fume central adapter membrane OD35-8mm thick for the genuine Holch fume protected central adapter connection chamber for water-cooled RAUCH fume extraction torch
N.i.	91920702	Screw M3x11,5mm fits Ratio/Industry/RAUCH handle and cable support
N.i.	91920703	M3 mounting socket fits Ratio/Industry/RAUCH handle and cable support
N.i.	91900601	Attachment screw M4x6mm fits cable support EURO central adapter
R50.5	91700051	Fume central adapter rubber grommet with 2 inlets for water lines for the genuine Holch fume protected central adapter connection chamber
N.i.	r9131002	Special high heat resistant O-ring ID33mm-W2mm for fume extraction connection chamber
N.i.	91700111	Special high heat resistant O-ring ID46mm-W2mm fits fume extraction chamber
R51.1	91900206	Central adapter spring contact-pins EURO central adapter
R51.1	91900201	Central adapter fixed contact-pins EURO central adapter
R52	91900801	O-ring ID4-W1mm fits gas-nipple EURO central adapter
R53	91900901	Swivel nut IT-M10x1 (rounded edges) fits EURO central adapter
R54	91903001	Female connector cable-plug fits machine side EURO central adapter
R55	91900702	Terminal nut insulated fits EURO central adapter (widened fits RAUCH)
R55.2	91700041	Strengthening for terminal nut EURO central adapter 2 halves complete with bushing and screws (black)
R61	ven91984	Hexagon nut M10x1 SW14 with flange
R62	ven91985	Tooth lock washer AD-13-ID9mm
R64	ven98001	Tip/nozzle holder Rauch-250 / RAUCH-330
R70	83008401	Contact tip M8-L30-D10 CuCrZr 0,8
R70	83010401	Contact tip M8-L30-D10 CuCrZr 1,0
R70	83012401	Contact tip M8-L30-D10 CuCrZr 1,2
R70	83014401	Contact tip M8-L30-D10 CuCrZr 1,4
R70	83008a01	Contact tip M8-L30-D10 0,8-A for aluminium wire
R70	83010a01	Contact tip M8-L30-D10 1,0-A for aluminium wire
R70	83012a01	Contact tip M8-L30-D10 1,2-A for aluminium wire
R75	88551241	Narrow gap-contact tip M8-L85,5-D10 turned down to 6mm 1,2 CuCrZr
R79	ven93101	Gas nozzle RAUCH-250/330 conical-ID12mm with spatter protection
R80	ven93002	Gas nozzle RAUCH-250/330 conical-ID15mm with spatter protection
R81	ven93302	Gas nozzle RAUCH-250/330 cylindrical-ID18mm with spatter protection
R82	r3309362	Narrow-gap lower section with silicone sealing ring for MHS RAUCH-250 / MHS RAUCH-330
R83	r3309364	Narrow-gap gas nozzle ID11-OD14mm / length 70mm for narrow-gap lower section MHS RAUCH-250 / RAUCH-330
R84	r3309363	Silicon seal ID14-W1,5mm for narrow-gap lower section MHS RAUCH-250 / MHS RAUCH-330
R91	19390311	Guide spiral-liner ID1,9-AD3,9 fits 3m / EURO central adapter
R91	19390411	Guide spiral-liner ID1,9-AD3,9 fits 4m / EURO central adapter
R91	19390511	Guide spiral-liner ID1,9-AD3,9 fits 5m / EURO central adapter
R91	20450311	Guide spiral-liner ID2,0-AD4,5 fits 3m / EURO central adapter
R91	20450411	Guide spiral-liner ID2,0-AD4,5 fits 4m / EURO central adapter
R91	20450511	Guide spiral-liner ID2,0-AD4,5 fits 5m / EURO central adapter
R91	25450311	Guide spiral-liner ID2,5-AD4,5 fits 3m / EURO central adapter

MHS RAUCH-330

Welding-torch MIG-MAG water-cooled

330A at 100 % duty cycle (CO2) - 290A at 100 % duty cycle (mixed gas)

Art.-No.		
R91	25450411	Guide spiral-liner ID2,5-AD4,5 fits 4m / EURO central adapter
R91	25450511	Guide spiral-liner ID2,5-AD4,5 fits 5m / EURO central adapter
R92	20393311	PTFE-carbon core liner ID2,0-AD3,9 fits 3m / EURO central adapter
R92	20393411	PTFE-carbon core liner ID2,0-AD3,9 fits 4m / EURO central adapter
R92	20393511	PTFE-carbon core liner ID2,0-AD3,9 fits 5m / EURO central adapter
R92	20406311	PA-carbon core liner black ID2,0-AD4,0 fits 3m / EURO central adapter
R92	20406411	PA-carbon core liner black ID2,0-AD4,0 fits 4m / EURO central adapter
R92	20406511	PA-carbon core liner black ID2,0-AD4,0 fits 5m / EURO central adapter
N.i.	20405002	Brass spiral liner blue L300mm IG fits AD3,9/4,0mm
R95	91905721	Nipple (brass L-30mm) fits spiral liner EURO central adapter AD 4,5mm
R96	91906111	Nipple fits core liner EURO central adapter AD3,9/4,0mm
R97	91906131	O-ring ID3,5-W1,5mm fits core liners
N.i.	91906112	Support tube, brass ID4,4 - AD5,0 - L200mm

Torch MHS RAUCH-450-SC pluggable water-cooled

Fume extraction torch

Product information:

At the pistol end the very light TPE extraction hose is protected by approx. 2m leather cover hose.
Damage caused by splashes or sharp edges is thus prevented.

The factory standard gear is marked in red.



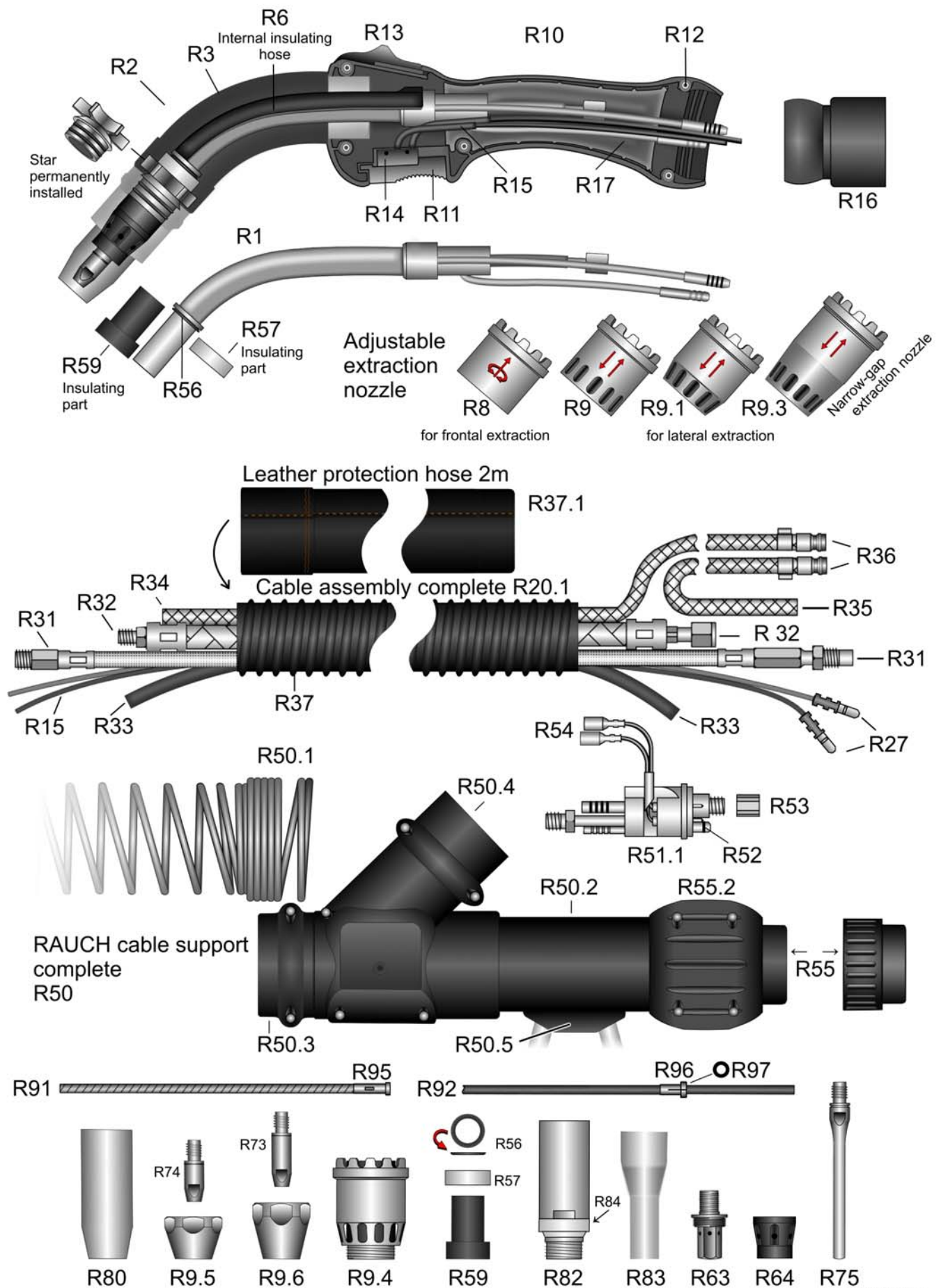
Holch Schweißbrenner GmbH
Bühlstraße 14
D-57080 Siegen

Phone: +49(0)271 387860-11
Telefax: +49(0)271 387860-29
E-Mail: info@holch-siegen.de
Web: www.holch-siegen.de



MHS RAUCH-450-SC pluggable water-cooled

550 Ampere at 100% duty cycle (CO₂) - 510 Ampere at 100% duty cycle (mixed gas)



HSN 914-2

MHS RAUCH-450-SC pluggable

Welding-torch MIG-MAG water-cooled

550A at 100 % duty cycle (CO2) - 510A at 100 % duty cycle (mixed gas)

Art.-No.

Spare parts as torch MHS RAUCH-350 gas-cooled

r4500312	Torch MHS RAUCH-450-SC pluggable / 3m EURO central adapter exhaust hose ID38mm
r4500412	Torch MHS RAUCH-450-SC pluggable / 4m EURO central adapter exhaust hose ID38mm
r4500512	Torch MHS RAUCH-450-SC pluggable / 5m EURO central adapter exhaust hose ID38mm

**For torches without EURO central-adaptor the following prices apply.
Please note that for some special machine side connections surcharges may arise,
which you will find in the appendix "A" custom made products.**

r4500302	Torch MHS RAUCH-450-SC pluggable / 3m exhaust hose ID38mm
r4500402	Torch MHS RAUCH-450-SC pluggable / 4m exhaust hose ID38mm
r4500502	Torch MHS RAUCH-450-SC pluggable / 5m exhaust hose ID38mm

R1	r4509101	Torch body MHS RAUCH-450-SC fits version screwable + pluggable
R2	r4509112	Fume extraction tube for torch body RAUCH-350-SC/450-SC pluggable
R3	r4509113	Fume extraction tube fits pluggable gas nozzle with torch body, complete with all consumables (conatct tip 1,2), without fume extraction nozzle
R6	r2509121	Section of silicone/glas insulating hose ID12,6-L125mm heat resistant up to 200°C
R8	r9130002	Fume extraction nozzle for RAUCH-350-SC / RAUCH-450-SC made of brass, nickel plated, frontal extraction, adjustable, complete with special o-ring high temperature resistant
R9	r9130003	Fume extraction nozzle for RAUCH-350-SC / RAUCH-450-SC made of brass, nickel plated, lateral extraction, adjustable, complete with special o-ring high temperature resistant
R9.1	r9130004	Fume extraction nozzle for RAUCH-350-SC / RAUCH-450-SC made of brass, nickel plated, conical, lateral extraction,wide extraction slots, complete with special o-ring high temperature resistant
R9.3	r9130006	Fume extraction nozzle narrow-gap (long) for RAUCH-350-SC / RAUCH-450-SC made of brass, nickel plated, conical, narrow extraction slots, complete with special o-ring high temperature resistant
R9.4	r9360001	Combined gas- and fume- extraction nozzle for gas nozzle tops L-22mm and L-28mm
R9.5	r9360002	Gas nozzle top L-22mm for combined gas extraction nozzle
R9.6	r9360003	Gas nozzle top L-28mm for combined gas extraction nozzle
N.i.	r9131001	Special high heat resistant O-ring ID33-W2mm for fume extraction nozzle RAUCH-350-SC / RAUCH-450-SC

**RAUCH-handle complete with air-slider, switch and all sundries.
Please order ball joint and RAUCH air insulation separately.**

R10	r9193801	RAUCH-handle black
R11	91912439	Push button red for Ratio handle also fits RAUCH handle
R12	91920703	M3 mounting socket fits Ratio/Industry/RAUCH handle and cable support
N.i.	91920702	Screw M3x11,5mm fits Ratio/Industry/RAUCH handle and cable support
R13	r9193802	RAUCH-air slider red
R14	91912538	Ratio microswitch DC2 also fits RAUCH handle with 2 contacts (close only)

Reel goods:

Prices are per meter and only applicable if a complete reel is purchased.

R15	91902601	Meter control line 2x0,5mm ² silicone red (100m)
R15	91902602	Meter control line 2x0,5mm ² silicone white (100m)

R16	r9193804	RAUCH-ball joint fits hose ID38mm
R17	r9193816	RAUCH air insulation inlet, 2 halves, for optimal heat shielding in the handle area

**Cable assembly for EURO central adapter consisting of: Exhaust hose, wire conduit,
power / watercable, water hose, gas hose and control line.**

MHS RAUCH-450-SC pluggable

Welding-torch MIG-MAG water-cooled

550A at 100 % duty cycle (CO2) - 510A at 100 % duty cycle (mixed gas)

Art.-No.		
R20.1 ven91311	Spare cable assembly RAUCH-330 / RAUCH-450-SC 3m / without EURO central adapter separate lines, exhaust hose ID38mm, complete with ball joint and appr. 2,2m leather protection sleeve	
R20.1 ven91411	Spare cable assembly RAUCH-330 / RAUCH-450-SC 4m / without EURO central adapter separate lines, exhaust hose ID38mm, complete with ball joint and appr. 2,2m leather protection sleeve	
R20.1 ven91511	Spare cable assembly RAUCH-330 / RAUCH-450-SC 5m / without EURO central adapter separate lines, exhaust hose ID38mm, complete with ball joint and appr. 2,2m leather protection sleeve	
R27 91902901	Male connector cable-plug for machine side EURO central adapter	
R31 r950e311	Wire conduit RAUCH / 3m EURO central adapter (PA) black (hard)	
R31 r950e411	Wire conduit RAUCH / 4m EURO central adapter (PA) black (hard)	
R31 r950e511	Wire conduit RAUCH / 5m EURO central adapter (PA) black (hard)	
HT RAB heat-resistant special rubber fabric hose (fabric on inner side), thick, mechanically highly resilient and extremely welding fume resistant		
R32 r9400315	HT 130 TPE power/water cable RAUCH / 3m EURO central adapter blue	
R32 r9400415	HT 130 TPE power/water cable RAUCH / 4m EURO central adapter blue	
R32 r9400515	HT 130 TPE power/water cable RAUCH / 5m EURO central adapter blue	
Reel goods: Prices are per meter and only applicable if a complete reel is purchased.		
N.i. r3800001	Meter exhaust hose ID38mm (18m)	
R33 50170005	Meter HT 130 TPE fabric hose ID5,0-W1,7mm grey (100m)	
R34 50172005	Meter HT 130 TPE fabric hose ID5,0-W1,7mm blue for water "RAUCH" (100m)	
R35 50171005	Meter HT 130 TPE fabric hose ID5,0-W1,7mm red for water "RAUCH" (100m)	
N.i. 81000001	Meter PUR protection hose ID8,5-W11mm fits water hoses OD8,4mm (200m)	
N.i. s5080001	Meter shrinking hose, heatresistant 2:1, ID50,8mm (5m)	
R36 91901001	Cooling liquid plug nipples EURO	
N.i. 91901008	Closing cap blue fits cooling liquid plug nipples EURO	
N.i. 91901009	Closing cap red fits cooling liquid plug nipples EURO	
R37 r3800311	Section of exhaust hose 2,4m ID38mm / for 3m RAUCH torch	
R37 r3800411	Section of exhaust hose 3,4m ID38mm / for 4m RAUCH torch	
R37 r3800511	Section of exhaust hose 4,4m ID38mm / for 5m RAUCH torch	
R37.1 r3800011	Leather-sleeve ID50mm appr. 2m long, for fume extraction hose ID-38mm	
N.i. r3800313	Fume extraction hose (section) ID38mm for RAUCH torch 3m/EURO central adapter complete with ball joint, appr. 2,2m leather attached with shrinking hose Overall length: 2,40 m	
N.i. r3800413	Fume extraction hose (section) ID38mm for RAUCH torch 4m/EURO central adapter complete with ball joint, appr. 2,2m leather attached with shrinking hose Overall length: 3,40 m	
N.i. r3800513	Fume extraction hose (section) ID38mm for RAUCH torch 5m/EURO central adapter complete with ball joint, appr. 2,2m leather attached with shrinking hose Overall length: 4,40 m	
R50 91700001	Fume central adapter connection-system for water-cooled torches complete. Consisting of: 91700061 + 91700011 + 91700021 + 91700031 + 91700051 + 91700041 + 91900702	
R50.1 91912611	Cable support spring machine side fits RAUCH Holch cable support	

MHS RAUCH-450-SC pluggable

Welding-torch MIG-MAG water-cooled

550A at 100 % duty cycle (CO2) - 510A at 100 % duty cycle (mixed gas)

Art.-No.		
R50.2	91700061	Fume central adapter / fume protected area to connect support lines, lateral mouth for rubber grommet, 2 halves complete with bushing and screws and 1 red O-ring
R50.3	91700011	Fume central adapter chamber rotatable 360°. 2 halves complete with bushing, screws and 2 O-rings (red). Fits to genuine Holch extraction connection adapter 45° and central adapter connection chamber
R50.4	91700021	Fume central adapter extraction connection 45°, 2 half pieces complete with bushes and screws. Only for genuine Holch central adapter rotatable extraction chamber
N.i.	91700031	Fume central adapter membrane OD35-8mm thick for the genuine Holch fume protected central adapter connection chamber for water-cooled RAUCH fume extraction torch
N.i.	91920702	Screw M3x11,5mm fits Ratio/Industry/RAUCH handle and cable support
N.i.	91920703	M3 mounting socket fits Ratio/Industry/RAUCH handle and cable support
N.i.	91900601	Attachment screw M4x6mm fits cable support EURO central adapter
R50.5	91700051	Fume central adapter rubber grommet with 2 inlets for water lines for the genuine Holch fume protected central adapter connection chamber
N.i.	r9131002	Special high heat resistant O-ring ID33mm-W2mm for fume extraction connection chamber
N.i.	91700111	Special high heat resistant O-ring ID46mm-W2mm fits fume extraction chamber
R51.1	91900206	Central adapter spring contact-pins EURO central adapter
R51.1	91900201	Central adapter fixed contact-pins EURO central adapter
R52	91900801	O-ring ID4-W1mm fits gas-nipple EURO central adapter
R53	91900901	Swivel nut IT-M10x1 (rounded edges) fits EURO central adapter
R54	91903001	Female connector cable-plug fits machine side EURO central adapter
R55	91900702	Terminal nut insulated fits EURO central adapter (widened fits RAUCH)
R55.2	91700041	Strengthening for terminal nut EURO central adapter 2 halves complete with bushing and screws (black)
R56	r9120008	Lock spring washer for RAUCH-350-SC / RAUCH-450-SC
R57	r9120002	Peek insulation for RAUCH-350-SC / RAUCH-450-SC (back)
R59	r9121001	HT-insulation black power fits RAUCH-350-SC / RAUCH-450-SC (front) with long cylinder
R63	r9800002	Contact tip holder M8 with OT-M16x1 fits gas diffuser
R64	r9120007	HT gas-diffuser black power with rib-like gas conduit, IT-M16x1, 18mm tapped
R73	83608401	HD-contact tip M8-L36-AD10 CuCrZr 0,8
R73	83610401	HD-contact tip M8-L36-AD10 CuCrZr 1,0
R73	83612401	HD-contact tip M8-L36-AD10 CuCrZr 1,2
R73	83614401	HD-contact tip M8-L36-AD10 CuCrZr 1,4
R73	83616401	HD-contact tip M8-L36-AD10 CuCrZr 1,6
R74	83008401	Contact tip M8-L30-D10 CuCrZr 0,8
R74	83010401	Contact tip M8-L30-D10 CuCrZr 1,0
R74	83012401	Contact tip M8-L30-D10 CuCrZr 1,2
R74	83014401	Contact tip M8-L30-D10 CuCrZr 1,4
R74	83016401	Contact tip M8-L30-D10 CuCrZr 1,6
R74	83020401	Contact tip M8-L30-D10 CuCrZr 2,0
R74	83008a01	Contact tip M8-L30-D10 0,8-A for aluminium wire
R74	83010a01	Contact tip M8-L30-D10 1,0-A for aluminium wire
R74	83012a01	Contact tip M8-L30-D10 1,2-A for aluminium wire
R74	83018301	Contact tip M8-L30-D10 1,6-A nickel-plated for aluminium wire

MHS RAUCH-450-SC pluggable

Welding-torch MIG-MAG water-cooled

550A at 100 % duty cycle (CO2) - 510A at 100 % duty cycle (mixed gas)

Art.-No.		
R75	88551241	Narrow gap-contact tip M8-L85,5-D10 turned down to 6mm 1,2 CuCrZr
R80	r9300002	Gas nozzle conical-ID16mm pluggable
R82	r4509364	Narrow-gap lower section with PTFE sealing ring for RAUCH-350-SC / RAUCH-450-SC plugable
R83	r4509365	Narrow gap gas-nozzle ID12-OD12mm / length 62,5mm for narrow-gap lower section RAUCH-350-SC / RAUCH-450-SC
R84	r4509363	PTFE sealing ring for narrow-gap lower section RAUCH-350-SC / RAUCH-450-SC
R91	19390311	Guide spiral-liner ID1,9-AD3,9 fits 3m / EURO central adapter
R91	19390411	Guide spiral-liner ID1,9-AD3,9 fits 4m / EURO central adapter
R91	19390511	Guide spiral-liner ID1,9-AD3,9 fits 5m / EURO central adapter
R91	20450311	Guide spiral-liner ID2,0-AD4,5 fits 3m / EURO central adapter
R91	20450411	Guide spiral-liner ID2,0-AD4,5 fits 4m / EURO central adapter
R91	20450511	Guide spiral-liner ID2,0-AD4,5 fits 5m / EURO central adapter
R91	25450311	Guide spiral-liner ID2,5-AD4,5 fits 3m / EURO central adapter
R91	25450411	Guide spiral-liner ID2,5-AD4,5 fits 4m / EURO central adapter
R91	25450511	Guide spiral-liner ID2,5-AD4,5 fits 5m / EURO central adapter
R92	20393311	PTFE-carbon core liner ID2,0-AD3,9 fits 3m / EURO central adapter
R92	20393411	PTFE-carbon core liner ID2,0-AD3,9 fits 4m / EURO central adapter
R92	20393511	PTFE-carbon core liner ID2,0-AD3,9 fits 5m / EURO central adapter
R92	27473311	PTFE-carbon core liner ID2,7-AD4,7 fits 3m / EURO central adapter
R92	27473411	PTFE-carbon core liner ID2,7-AD4,7 fits 4m / EURO central adapter
R92	27473511	PTFE-carbon core liner ID2,7-AD4,7 fits 5m / EURO central adapter
R92	20406311	PA-carbon core liner black ID2,0-AD4,0 fits 3m / EURO central adapter
R92	20406411	PA-carbon core liner black ID2,0-AD4,0 fits 4m / EURO central adapter
R92	20406511	PA-carbon core liner black ID2,0-AD4,0 fits 5m / EURO central adapter
R92	23476311	PA-core liner black ID2,3-AD4,7 fits 3m / EURO central adapter
R92	23476411	PA-core liner black ID2,3-AD4,7 fits 4m / EURO central adapter
R92	23476511	PA-core liner black ID2,3-AD4,7 fits 5m / EURO central adapter
N.i.	20405002	Brass spiral liner blue L300mm IG fits AD3,9/4,0mm
N.i.	20405001	Brass spiral liner green L300mm IG fits AD4,7mm
R95	91905721	Nipple (brass L-30mm) fits spiral liner EURO central adapter AD 4,5mm
R96	91906111	Nipple fits core liner EURO central adapter AD3,9/4,0mm
R96	91906121	Nipple fits core liner EURO central adapter AD 4,7mm
R97	91906131	O-ring ID3,5-W1,5mm fits core liners
N.i.	91906112	Support tube, brass ID4,4 - AD5,0 - L200mm

Torch MHS RAUCH-450-SC screwable water-cooled

Fume extraction torch

Product information:

At the pistol end the very light TPE extraction hose is protected by approx. 2m leather cover hose.
Damage caused by splashes or sharp edges is thus prevented.

The factory standard gear is marked in red.



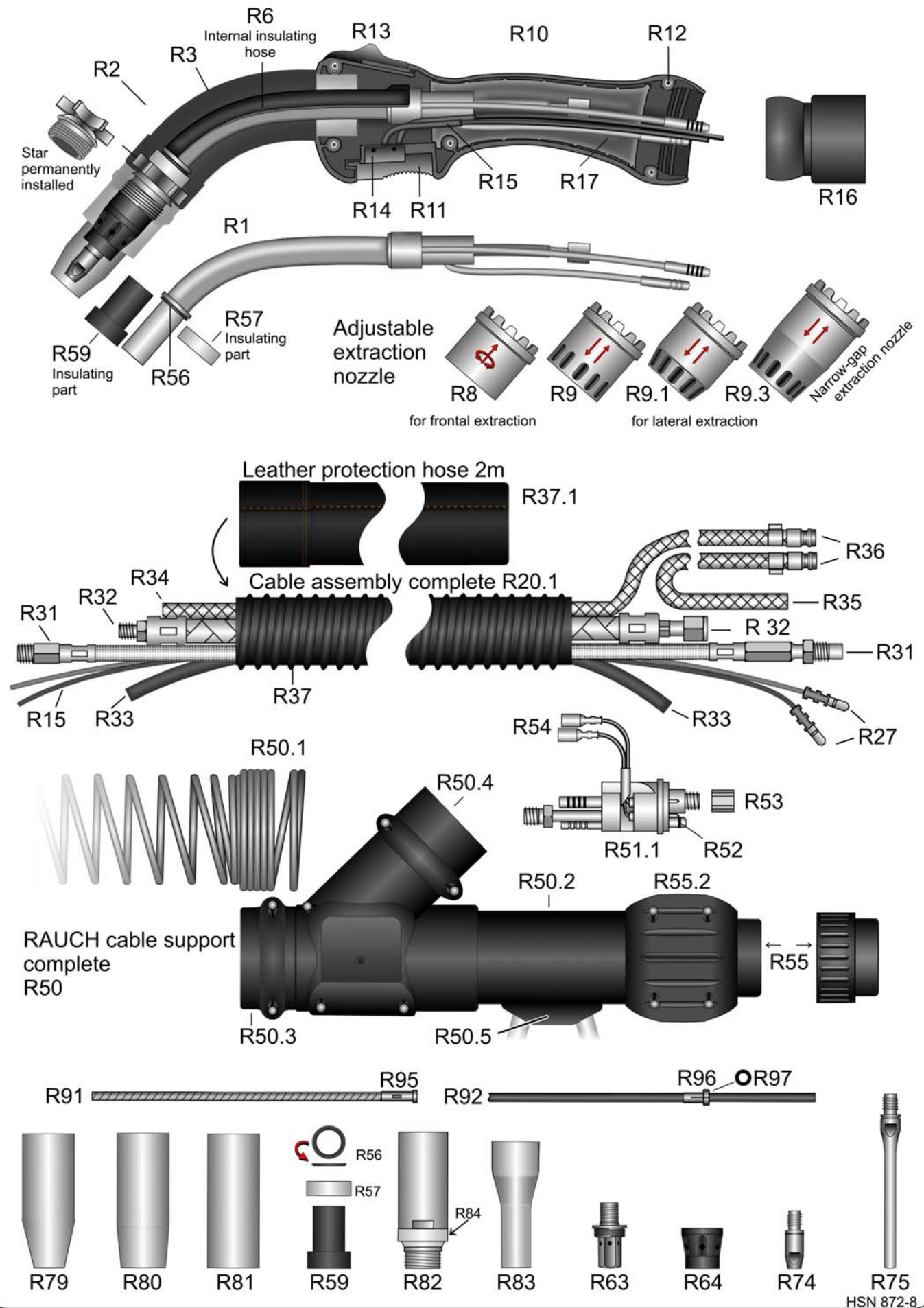
Holch Schweißbrenner GmbH
Bühlstraße 14
D-57080 Siegen

Phone: +49(0)271 387860-11
Telefax: +49(0)271 387860-29
E-Mail: info@holch-siegen.de
Web: www.holch-siegen.de



MHS RAUCH-450-SC screwable water-cooled

550 Ampere at 100% duty cycle (CO₂) - 510 Ampere at 100% duty cycle (mixed gas)



HSN 872-8

MHS RAUCH-450-SC screwable

Welding-torch MIG-MAG water-cooled

550A at 100 % duty cycle (CO2) - 510A at 100 % duty cycle (mixed gas)

Art.-No.

Spare parts as torch MHS RAUCH-350 gas-cooled

r4500311	Torch MHS RAUCH-450-SC screwable / 3m EURO central adapter exhaust hose ID38mm
r4500411	Torch MHS RAUCH-450-SC screwable / 4m EURO central adapter exhaust hose ID38mm
r4500511	Torch MHS RAUCH-450-SC screwable / 5m EURO central adapter exhaust hose ID38mm

For torches without EURO central-adaptor the following prices apply.

Please note that for some special machine side connections surcharges may arise, which you will find in the appendix "A" custom made products.

r4500301	Torch MHS RAUCH-450-SC screwable / 3m exhaust hose ID38mm
r4500401	Torch MHS RAUCH-450-SC screwable / 4m exhaust hose ID38mm
r4500501	Torch MHS RAUCH-450-SC screwable / 5m exhaust hose ID38mm

R1	r4509101	Torch body MHS RAUCH-450-SC fits version screwable + pluggable
R2	r4509102	Fume extraction tube for torch body RAUCH-350-SC/450-SC screwable
R3	r4509103	Fume extraction tube fits screwable gas nozzle with torch body, complete with all consumables (conatct tip 1,2), without fume extraction nozzle
R6	r2509121	Section of silicone/glas insulating hose ID12,6-L125mm heat resistant up to 200°C
R8	r9130002	Fume extraction nozzle for RAUCH-350-SC / RAUCH-450-SC made of brass, nickel plated, frontal extraction, adjustable, complete with special o-ring high temperature resistant
R9	r9130003	Fume extraction nozzle for RAUCH-350-SC / RAUCH-450-SC made of brass, nickel plated, lateral extraction, adjustable, complete with special o-ring high temperature resistant
R9.1	r9130004	Fume extraction nozzle for RAUCH-350-SC / RAUCH-450-SC made of brass, nickel plated, conical, lateral extraction, wide extraction slots, complete with special o-ring high temperature resistant
R9.3	r9130006	Fume extraction nozzle narrow-gap (long) for RAUCH-350-SC / RAUCH-450-SC made of brass, nickel plated, conical, narrow extraction slots, complete with special o-ring high temperature resistant
N.i.	r9131001	Special high heat resistant O-ring ID33-W2mm for fume extraction nozzle RAUCH-350-SC / RAUCH-450-SC

RAUCH-handle complete with air-slider, switch and all sundries.

Please order ball joint and RAUCH air insulation separately.

R10	r9193801	RAUCH-handle black
R11	91912439	Push button red for Ratio handle also fits RAUCH handle
R12	91920703	M3 mounting socket fits Ratio/Industry/RAUCH handle and cable support
N.i.	91920702	Screw M3x11,5mm fits Ratio/Industry/RAUCH handle and cable support
R13	r9193802	RAUCH-air slider red
R14	91912538	Ratio microswitch DC2 also fits RAUCH handle with 2 contacts (close only)

Reel goods:

Prices are per meter and only applicable if a complete reel is purchased.

R15	91902601	Meter control line 2x0,5mm² silicone red (100m)
R15	91902602	Meter control line 2x0,5mm² silicone white (100m)

R16	r9193804	RAUCH-ball joint fits hose ID38mm
R17	r9193816	RAUCH air insulation inlet, 2 halves, for optimal heat shielding in the handle area

Cable assembly for EURO central adapter consisting of: Exhaust hose, wire conduit, power / watercable, water hose, gas hose and control line.

R20.1	ven91311	Spare cable assembly RAUCH-330 / RAUCH-450-SC 3m / without EURO central adapter separate lines, exhaust hose ID38mm, complete with ball joint and appr. 2,2m leather protection sleeve
-------	----------	--

MHS RAUCH-450-SC screwable

Welding-torch MIG-MAG water-cooled

550A at 100 % duty cycle (CO2) - 510A at 100 % duty cycle (mixed gas)

Art.-No.		
R20.1	ven91411	Spare cable assembly RAUCH-330 / RAUCH-450-SC 4m / without EURO central adapter separate lines, exhaust hose ID38mm, complete with ball joint and appr. 2,2m leather protection sleeve
R20.1	ven91511	Spare cable assembly RAUCH-330 / RAUCH-450-SC 5m / without EURO central adapter separate lines, exhaust hose ID38mm, complete with ball joint and appr. 2,2m leather protection sleeve
R27	91902901	Male connector cable-plug for machine side EURO central adapter
R31	r950e311	Wire conduit RAUCH / 3m EURO central adapter (PA) black (hard)
R31	r950e411	Wire conduit RAUCH / 4m EURO central adapter (PA) black (hard)
R31	r950e511	Wire conduit RAUCH / 5m EURO central adapter (PA) black (hard)
HT RAB heat-resistant special rubber fabric hose (fabric on inner side), thick, mechanically highly resilient and extremely welding fume resistant		
R32	r9400315	HT 130 TPE power/water cable RAUCH / 3m EURO central adapter blue
R32	r9400415	HT 130 TPE power/water cable RAUCH / 4m EURO central adapter blue
R32	r9400515	HT 130 TPE power/water cable RAUCH / 5m EURO central adapter blue
Reel goods:		
Prices are per meter and only applicable if a complete reel is purchased.		
N.i.	r3800001	Meter exhaust hose ID38mm (18m)
R33	50170005	Meter HT 130 TPE fabric hose ID5,0-W1,7mm grey (100m)
R34	50172005	Meter HT 130 TPE fabric hose ID5,0-W1,7mm blue for water "RAUCH" (100m)
R35	50171005	Meter HT 130 TPE fabric hose ID5,0-W1,7mm red for water "RAUCH" (100m)
N.i.	81000001	Meter PUR protection hose ID8,5-W1mm fits water hoses OD8,4mm (200m)
N.i.	s5080001	Meter shrinking hose, heatresistant 2:1, ID50,8mm (5m)
R36	91901001	Cooling liquid plug nipples EURO
N.i.	91901008	Closing cap blue fits cooling liquid plug nipples EURO
N.i.	91901009	Closing cap red fits cooling liquid plug nipples EURO
R37	r3800311	Section of exhaust hose 2,4m ID38mm / for 3m RAUCH torch
R37	r3800411	Section of exhaust hose 3,4m ID38mm / for 4m RAUCH torch
R37	r3800511	Section of exhaust hose 4,4m ID38mm / for 5m RAUCH torch
R37.1	r3800011	Leather-sleeve ID50mm appr. 2m long, for fume extraction hose ID-38mm
N.i.	r3800313	Fume extraction hose (section) ID38mm for RAUCH torch 3m/EURO central adapter complete with ball joint, appr. 2,2m leather attached with shrinking hose Overall length: 2,40 m
N.i.	r3800413	Fume extraction hose (section) ID38mm for RAUCH torch 4m/EURO central adapter complete with ball joint, appr. 2,2m leather attached with shrinking hose Overall length: 3,40 m
N.i.	r3800513	Fume extraction hose (section) ID38mm for RAUCH torch 5m/EURO central adapter complete with ball joint, appr. 2,2m leather attached with shrinking hose Overall length: 4,40 m
R50	91700001	Fume central adapter connection-system for water-cooled torches complete. Consisting of: 91700061 + 91700011 + 91700021 + 91700031 + 91700051 + 91700041 + 91900702
R50.1	91912611	Cable support spring machine side fits RAUCH Holch cable support
R50.2	91700061	Fume central adapter / fume protected area to connect support lines, lateral mouth for rubber grommet, 2 halves complete with bushing and screws and 1 red O-ring

MHS RAUCH-450-SC screwable

Welding-torch MIG-MAG water-cooled

550A at 100 % duty cycle (CO2) - 510A at 100 % duty cycle (mixed gas)

Art.-No.		
R50.3	91700011	Fume central adapter chamber rotatable 360°. 2 halves complete with bushing, screws and 2 O-rings (red). Fits to genuine Holch extraction connection adapter 45° and central adapter connection chamber
R50.4	91700021	Fume central adapter extraction connection 45°, 2 half pieces complete with bushes and screws. Only for genuine Holch central adapter rotatable extraction chamber
N.i.	91700031	Fume central adapter membrane OD35-8mm thick for the genuine Holch fume protected central adapter connection chamber for water-cooled RAUCH fume extraction torch
N.i.	91920702	Screw M3x11,5mm fits Ratio/Industry/RAUCH handle and cable support
N.i.	91920703	M3 mounting socket fits Ratio/Industry/RAUCH handle and cable support
N.i.	91900601	Attachment screw M4x6mm fits cable support EURO central adapter
R50.5	91700051	Fume central adapter rubber grommet with 2 inlets for water lines for the genuine Holch fume protected central adapter connection chamber
N.i.	r9131002	Special high heat resistant O-ring ID33mm-W2mm for fume extraction connection chamber
N.i.	91700111	Special high heat resistant O-ring ID46mm-W2mm fits fume extraction chamber
R51.1	91900206	Central adapter spring contact-pins EURO central adapter
R51.1	91900201	Central adapter fixed contact-pins EURO central adapter
R52	91900801	O-ring ID4-W1mm fits gas-nipple EURO central adapter
R53	91900901	Swivel nut IT-M10x1 (rounded edges) fits EURO central adapter
R54	91903001	Female connector cable-plug fits machine side EURO central adapter
R55	91900702	Terminal nut insulated fits EURO central adapter (widened fits RAUCH)
R55.2	91700041	Strengthening for terminal nut EURO central adapter 2 halves complete with bushing and screws (black)
R56	r9120008	Lock spring washer for RAUCH-350-SC / RAUCH-450-SC
R57	r9120002	Peek insulation for RAUCH-350-SC / RAUCH-450-SC (back)
R59	r9121001	HT-insulation black power fits RAUCH-350-SC / RAUCH-450-SC (front) with long cylinder
R63	r9800002	Contact tip holder M8 with OT-M16x1 fits gas diffusor
R64	r9120007	HT gas-diffusor black power with rib-like gas conduit, IT-M16x1, 18mm tapped
R74	83008401	Contact tip M8-L30-D10 CuCrZr 0,8
R74	83010401	Contact tip M8-L30-D10 CuCrZr 1,0
R74	83012401	Contact tip M8-L30-D10 CuCrZr 1,2
R74	83014401	Contact tip M8-L30-D10 CuCrZr 1,4
R74	83016401	Contact tip M8-L30-D10 CuCrZr 1,6
R74	83020401	Contact tip M8-L30-D10 CuCrZr 2,0
R74	83008a01	Contact tip M8-L30-D10 0,8-A for aluminium wire
R74	83010a01	Contact tip M8-L30-D10 1,0-A for aluminium wire
R74	83012a01	Contact tip M8-L30-D10 1,2-A for aluminium wire
R74	83018301	Contact tip M8-L30-D10 1,6-A nickel-plated for aluminium wire
R75	88551241	Narrow gap-contact tip M8-L85,5-D10 turned down to 6mm 1,2 CuCrZr
R79	r9310001	Screwable gas nozzle conical-ID12mm (long cone)
R80	r9300001	Screwable gas nozzle conical ID16mm
R81	r9330001	Screwable gas nozzle cylindric ID21mm
R82	r4509362	Narrow-gap lower section with PTFE sealing ring for RAUCH-350-SC / RAUCH-450-SC screwable
R83	r4509365	Narrow gap gas-nozzle ID12-OD12mm / length 62,5mm for narrow-gap lower section RAUCH-350-SC / RAUCH-450-SC
R84	r4509363	PTFE sealing ring for narrow-gap lower section RAUCH-350-SC / RAUCH-450-SC

MHS RAUCH-450-SC screwable

Welding-torch MIG-MAG water-cooled

550A at 100 % duty cycle (CO2) - 510A at 100 % duty cycle (mixed gas)

Art.-No.		
R91	19390311	Guide spiral-liner ID1,9-AD3,9 fits 3m / EURO central adapter
R91	19390411	Guide spiral-liner ID1,9-AD3,9 fits 4m / EURO central adapter
R91	19390511	Guide spiral-liner ID1,9-AD3,9 fits 5m / EURO central adapter
R91	20450311	Guide spiral-liner ID2,0-AD4,5 fits 3m / EURO central adapter
R91	20450411	Guide spiral-liner ID2,0-AD4,5 fits 4m / EURO central adapter
R91	20450511	Guide spiral-liner ID2,0-AD4,5 fits 5m / EURO central adapter
R91	25450311	Guide spiral-liner ID2,5-AD4,5 fits 3m / EURO central adapter
R91	25450411	Guide spiral-liner ID2,5-AD4,5 fits 4m / EURO central adapter
R91	25450511	Guide spiral-liner ID2,5-AD4,5 fits 5m / EURO central adapter
R92	20393311	PTFE-carbon core liner ID2,0-AD3,9 fits 3m / EURO central adapter
R92	20393411	PTFE-carbon core liner ID2,0-AD3,9 fits 4m / EURO central adapter
R92	20393511	PTFE-carbon core liner ID2,0-AD3,9 fits 5m / EURO central adapter
R92	27473311	PTFE-carbon core liner ID2,7-AD4,7 fits 3m / EURO central adapter
R92	27473411	PTFE-carbon core liner ID2,7-AD4,7 fits 4m / EURO central adapter
R92	27473511	PTFE-carbon core liner ID2,7-AD4,7 fits 5m / EURO central adapter
R92	20406311	PA-carbon core liner black ID2,0-AD4,0 fits 3m / EURO central adapter
R92	20406411	PA-carbon core liner black ID2,0-AD4,0 fits 4m / EURO central adapter
R92	20406511	PA-carbon core liner black ID2,0-AD4,0 fits 5m / EURO central adapter
R92	23476311	PA-core liner black ID2,3-AD4,7 fits 3m / EURO central adapter
R92	23476411	PA-core liner black ID2,3-AD4,7 fits 4m / EURO central adapter
R92	23476511	PA-core liner black ID2,3-AD4,7 fits 5m / EURO central adapter
N.i.	20405002	Brass spiral liner blue L300mm IG fits AD3,9/4,0mm
N.i.	20405001	Brass spiral liner green L300mm IG fits AD4,7mm
R95	91905721	Nipple (brass L-30mm) fits spiral liner EURO central adapter AD 4,5mm
R96	91906111	Nipple fits core liner EURO central adapter AD3,9/4,0mm
R96	91906121	Nipple fits core liner EURO central adapter AD 4,7mm
R97	91906131	O-ring ID3,5-W1,5mm fits core liners
N.i.	91906112	Support tube, brass ID4,4 - AD5,0 - L200mm