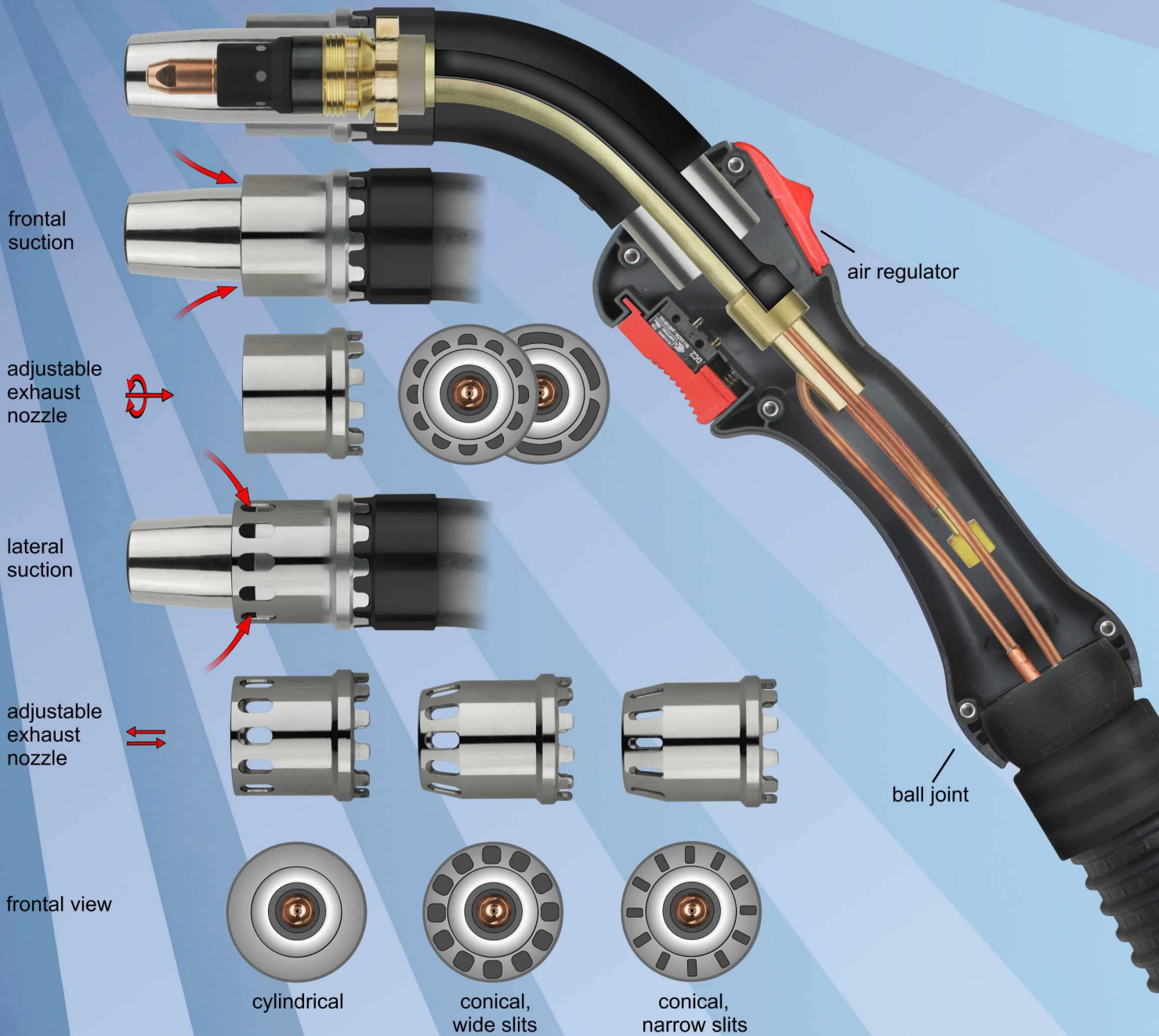


MHS RAUCH-450-SC

water-cooled



Version B

contact tip M8 x 30 + gas diffuser "black power" + contact tip holder



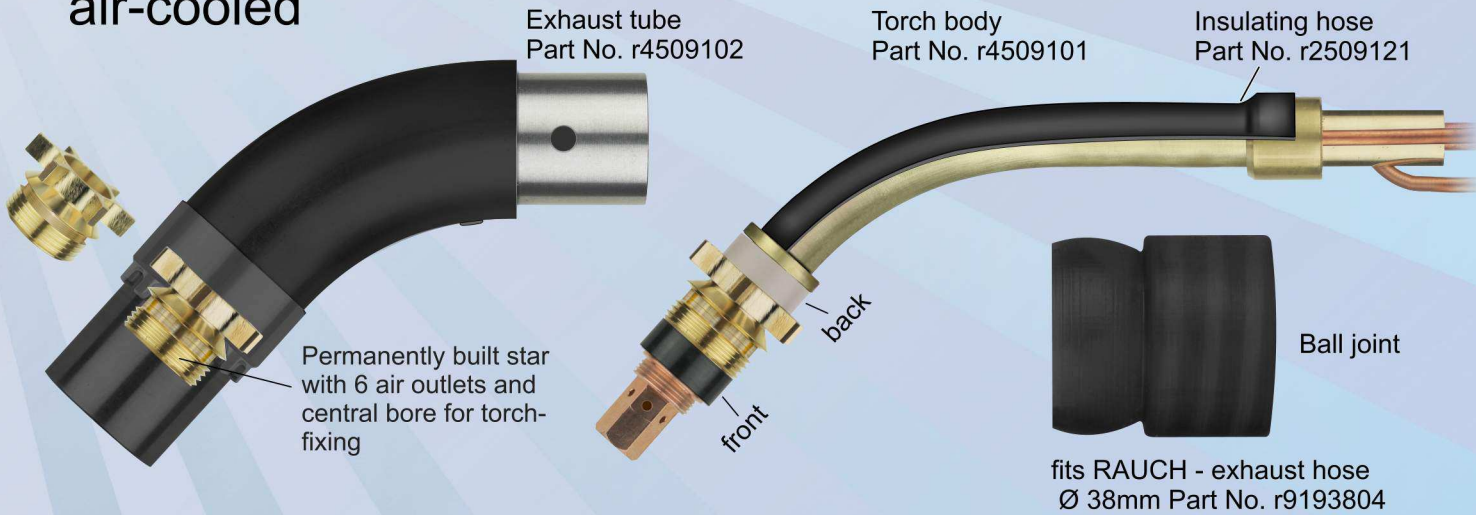
550 Amp./100% duty cycle (CO₂)
510 Amp./100% duty cycle (mixed gas)

Spare parts:

MHS RAUCH-350-SC air-cooled

MHS RAUCH-450-SC

air-cooled

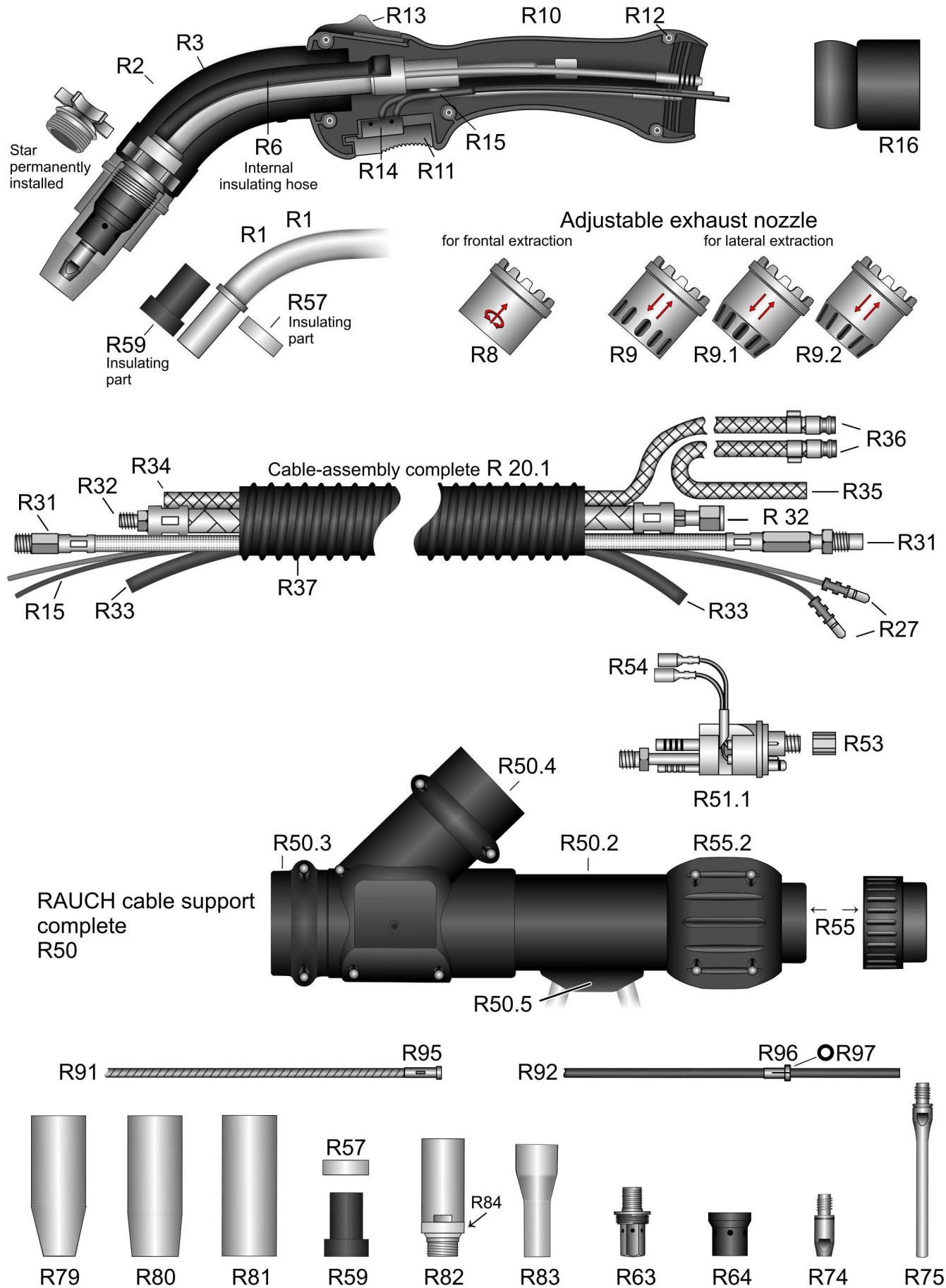


HSN 871B-6



MHS RAUCH-450-SC water-cooled

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



HSN 872-5

MHS RAUCH-450-SC

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 / 3m EURO central adapter exhaust hose ID38mm
r4500411	Torch MHS RAUCH-450-SC / 4m EURO central adapter exhaust hose ID38mm
r4500511	Torch MHS RAUCH-450-SC / 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 / 3m exhaust hose ID38mm
r4500401	Torch MHS RAUCH-450-SC / 4m exhaust hose ID38mm
r4500501	Torch MHS RAUCH-450-SC / 5m exhaust hose ID38mm

R1	r4509101	Torch body MHS RAUCH-450-SC
R2	r4509102	Fume suction tube for torch body RAUCH-350-SC/450-SC
R3	r4509103	Fume suction tube with torch body, complete with all consumables (conatct tip 1,2) without fume suction nozzle
R6	r2509121	Section of silicone/glas insulating hose ID12,6-L125mm heat resistant up to 200°C
R8	r9130001	Fume suction nozzle for RAUCH-350-SC / RAUCH-450-SC made of aluminium, frontal suction, adjustable, complete with special o-ring high temperature resistant
R8	r9130002	Fume suction nozzle for RAUCH-350-SC / RAUCH-450-SC made of brass nickel plated, frontal suction, adjustable, complete with special o-ring high temperature resistant
R9	r9130003	Fume suction nozzle for RAUCH-350-SC / RAUCH-450-SC made of brass nickel plated, side suction, adjustable, complete with special o-ring high temperature resistant
R9.1	r9130004	Fume suction nozzle for RAUCH-350-SC / RAUCH-450-SC made of brass nickel plated, conical, wide suction slots, complete with special o-ring high temperature resistant
R9.2	r9130005	Fume suction nozzle for RAUCH-350-SC / RAUCH-450-SC made of brass nickel plated, conical, narrow suction slots, complete with special o-ring high temperature resistant
N.i.	r9131001	Special high heat resistant O-ring fits fume suction nozzle RAUCH-350-SC / RAUCH-450-SC

RAUCH-handle complete with air-slider, switch and all sundries. Please order ball joint 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	91912438	Ratio microswitch DC2 also fits RAUCH handle

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
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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 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 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 2m leather protection sleeve

MHS RAUCH-450-SC

Welding-torch MIG-MAG water-cooled

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

Art.-No.

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 r9400311 HT RAB rubber fabric hose power/water cable RAUCH / 3m EURO central adapter

R32 r9400411 HT RAB rubber fabric hose power/water cable RAUCH / 4m EURO central adapter

R32 r9400511 HT RAB rubber fabric hose power/water cable RAUCH / 5m EURO central adapter

Reel goods:

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

N.i. r3800001 Meter exhaust hose ID38mm (18m)

N.i. r3800011 Leather-sleeve ID-45mm appr. 2m long, for fume extraction hose ID-38mm

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 (100m)

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 / fits 3m RAUCH torch

R37 r3800411 Section of exhaust hose 3,4m ID38mm / fits 4m RAUCH torch

R37 r3800511 Section of exhaust hose 4,4m ID38mm / fits 5m RAUCH torch

R50 91700001 Fume central adapter connection-system for water-cooled torches complete. Consisting of: 91700061 + 91700011 + 91700021 + 91700031 + 91700051 + 91700041 + 91900702

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 4° 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

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 fits 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

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

MHS RAUCH-450-SC

Welding-torch MIG-MAG water-cooled

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

Art.-No.		
R53	91900901	Coupling 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 vental adapter2 halves complete with bushing and screws (black)
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	r9120004	HT-gasdiffusor black power with IT-M16x1 and drilling 18mm black
R74	83008401	Contact tip M8-L30-D10 0,8 CuCrZr
R74	83010401	Contact tip M8-L30-AD10 CuCrZr 1,0
R74	83012401	Contact tip M8-L30-AD10 CuCrZr 1,2
R74	83014401	Contact tip M8-L30-AD10 CuCrZr 1,4
R74	83016401	Contact tip M8-L30-AD10 CuCrZr 1,6
R74	83020401	Contact tip M8-L30-AD10 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
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
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-line ID1,9-AD3,9 fits 3m / EURO central adapter
R91	19390411	Guide spiral-line ID1,9-AD3,9 fits 4m / EURO central adapter
R91	19390511	Guide spiral-line ID1,9-AD3,9 fits 5m / EURO central adapter
R91	20450311	Guide spiral-line ID2,0-AD4,5 fits 3m / EURO central adapter
R91	20450411	Guide spiral-line ID2,0-AD4,5 fits 4m / EURO central adapter
R91	20450511	Guide spiral-line ID2,0-AD4,5 fits 5m / EURO central adapter
R91	25450311	Guide spiral-line ID2,5-AD4,5 fits 3m / EURO central adapter
R91	25450411	Guide spiral-line ID2,5-AD4,5 fits 4m / EURO central adapter
R91	25450511	Guide spiral-line 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

MHS RAUCH-450-SC

Welding-torch MIG-MAG water-cooled

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

Art.-No.		
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-core liner black ID2,0-AD4,0 fits 3m / EURO central adapter
R92	20406411	PA-core liner black ID2,0-AD4,0 fits 4m / EURO central adapter
R92	20406511	PA-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 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-W1,5 fits core liners
N.i.	91906112	Support tube, brass ID4,4 - AD5,0 - L200mm