

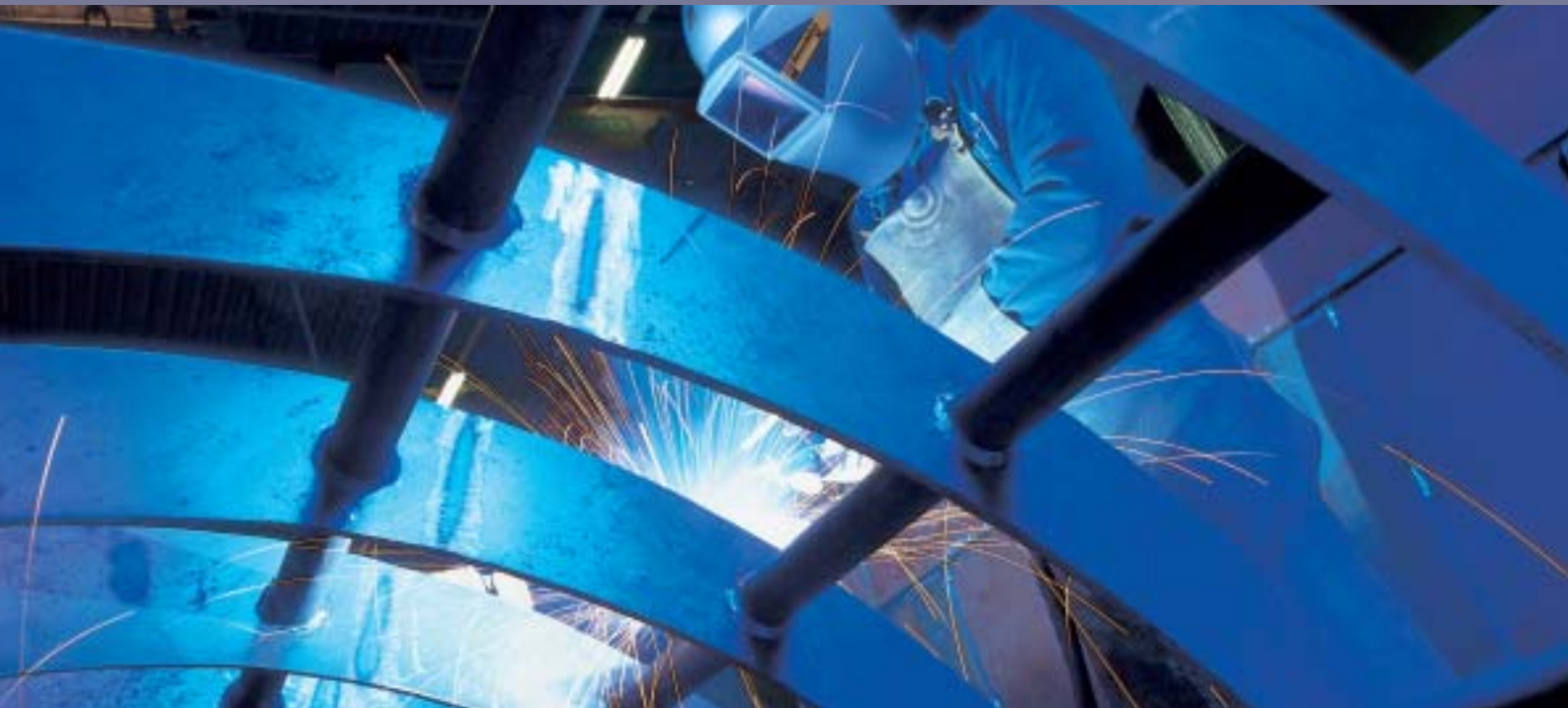
STEP-SWITCHED MIG/MAG WELDING **RP 362 – 562**

REHM – Setting the pace in welding and cutting today



RP 362 – 562

Step-switched programmable



The RP units from REHM offer programmable welding quality in every switching stage. What that means for the user is top-class operating comfort with an absolutely price/performance ratio. All parameters for an optimum welding result are precisely and continuously matched up to one another, while the arc can be corrected individually. The automatic programming and the high efficiency mean that our RP series is destined for tough and continuous use by industry and professionals.

The REHM RP series has redefined professional MIG/MAG welding. The programming of all parameters, with each switching stage being saved in the REHM EPROM, simplifies the controls and guarantees excellent welding results. This easy operability and continuous status display make RP systems the optimum tools above all for inexperienced welders. Professionals too can now make and reproduce optimum welds even more easily and quickly.

Universally usable for steel, stainless steel and aluminium

- thanks to special arc dynamics programmed for each step switch setting
- thanks to program preselection option for basic material and wire diameter
- thanks to fine tuning of the arc to suit the application

Top welding results, from thin sheet metal to heavy plate

- thanks to optimally adjusted power components
- thanks to choke function programmed in steps

Maximum efficiency

- thanks to fast and error-free working with pre-programming; time-consuming setting of the welding parameters is no longer needed
- thanks to soft and dynamic arc for low-spatter to spatter-free welding, reducing costly rework

Maximum availability and dependability

- thanks to effective and maintenance-free industrial control
- thanks to using only top-quality power components
- thanks to 100% quality check on every system

Simple and easy to use

- thanks to very easy access to pre-programmed welding parameters
- thanks to ergonomically laid-out control panel
- thanks to automatic wrong-setting message
- thanks to programmed wire feed speed

Reliable ignition

- thanks to programmed slow start and programmed choke effect for every voltage switching stage



Powerful wire feed

- 4-roll drive for powerful and even wire feed even where the torch is over-long
- Constant wire feed from thanks to even contact pressure of the wire feed rolls using REHM tandem guide

REHM Accessories

REHM units are equipped complete and ready to weld as standard. We can offer extensive accessories for special jobs.

- Rotatable and removable wire feed unit with intermediate hose assembly in the lengths 1, 4, 5, 10 and 15 m, insertable both sides
- Connection for other torch systems
- Feed rolls for different wire diameters
- Air filter attachment
- Special voltages on request

TECHNICAL DATA

Type	RP 362	RP 462	RP 562
Setting range (stepless) [A]	40–360	45–460	50–560
Duty cycle at I max. (10 min) [%]	60	60	60
Welding current at 100 % duty cycle [A]	300	380	460
No-load voltage [V]	17 ... 42	17 ... 45	17 ... 50
Switching stages	24	36	36
Mains connection [V]		3 x 400	
Fuses (delayed action) [A]	35	35	50
Power factor [cos phi]		0,97	
Insulation class		H	
Cooling type		Fan	
Torch cooling		Water	
Degree of protection		IP 23	
Wire feed [m/min]		0,3 ... 25	
Wire diameter steel and stainless steel [ø mm]		0,8/1,0/1,2/1,6	
Wire diameter aluminium [ø mm]		1,0/1,2/1,6	
Sound level acc. to DIN 45835 [db (A) 1 m]	56	56	58
Dimensions (LxBxH) [mm]		1010x485x1120	
Weight [kg]	188	205	225
Order No.	121 3655	121 4655	121 5655

We reserve the right to alter the technical specification without notice. Additional equipment for the units shown available at extra charge. Our systems have the S and CE symbols and conform to the standard EN 60 974- 1.

REHM welding technology – all about us!

THE REHM SUPPLY RANGE

- **REHM MIG/MAG Shielded arc welding units**
SYNERGIC.PRO step-switched, gas cooled up to 450 A
SYNERGIC.PRO step-switched, water cooled up to 450 A
MEGA.ARC continuously adjustable up to 450 A
RP REHM Professional step switched up to 560 A
MEGAPULS Pulsed welding units up to 500 A
- **REHM TIG shielded arc welding units**
TIGER portable 100 kHz Inverter up to 210 A
TRANSTIG/INVERTIG mobile water cooled TIG units up to 460 A
- **REHM Inverter Technology**
TIGER and BOOSTER.PRO 100 kHz electrode inverter up to 210 A
- **REHM Plasma cutting units**
- **Welding accessories and Consumables**
- **Welding fume extraction**
- **Technical advice on welding**
- **Torch repairs**
- **Service**

Design, development and Production – all under one roof – in our Uhingen works. Thanks to this central organisation and our commitment to the future new discoveries can flow quickly into production. The wishes and requirements of our customers are still the basis for our advanced product development. Numerous patents and awards demonstrate the precision and quality of our products. Closeness to our customers and competence are the principles on which we place priority in consultancy, training and service.

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MetalCom Date 08/2005 – 2000