

CLOOS

Weld your way.

TIG - movable

GL 270/350/500 (DC)

GLW 270/350/500 (AC/DC)





GL 270/350/500 (DC) GLW 270/350/500 (AC/DC)

Convincing capacity with direct and alternating current: The TIG welding machine for perfect automated welding results.

The TIG welding machines type GL/GLW 270/350/500 combine modern micro processor controlled inverter technology with traditional robustness and high operating convenience. An infinite adaptation of the start current to the electrode diameter and a constant stable and soft arc in all areas offer the prerequisite for optimum automatic welding results.

Depending on the application, the welding machine is available as DC or AC/DC machine.

Advantages of GL 270/350/500 and GLW 270/350/500:

- **Optimum ignition**
No part ejection at the ignition point
- **Excellent due to an integrated pulser**
 - Optimum gap bridging
 - Excellent seam appearance
 - Avoidance of air inclusion

Automated high capacity

TIG weld parameter list in the robot controller

- **GLW 270/350/500**
With AC technology
 - Aluminium without HV pulses
 - Strong cleaning effect on the weld surface
- **GLW 270/350/500**
Infinitely adjustable AC frequency
Influence on the width of the arc, electrode load and penetration depth

270
Ampere

350
Ampere

500
Ampere





GL 270/350/500 GLW 270/350/500

	GL/GLW 270	GL/GLW 350	GL/GLW 500
Speed range	5-270 A	5-350 A	5-500 A
Weld current at 60 % duty cycle (TIG / MMA)	270/250 A	350/320 A	500/450 A
Weld current at 100 % duty cycle (TIG / MMA)	220/200A	270/250 A	430/400 A
Open circuit voltage TIG	100 V max	100 V max	100 V max
Input voltage	3 x 400V~ 50-60 Hz	3 x 400V~ 50-60 Hz	3 x 400V~ 50-60 Hz
Power factor, cos phi	0.8	0.8	0.8
Kind of protection	IP 23	IP 23	IP 23
Type of cooling	AF	AF	AF
Letter S*	yes	yes	yes

* The machine is approved for welding in environments with increased electrical hazard