

**HIGH PRECISION TIG COLD WIRE FEEDER**  
**APUS 20 C**



## More efficient TIG welding



**TIG welding is becoming  
more productive.  
APUS 20 C cold wire feeder**

APUS – the clever cold wire feeder, designed specifically for REHM AUTOMATION.SYSTEMS. This portable unit makes TIG welding more efficient and is suitable for all applications where high seam and a good visual quality are required.



## Quality, speed, precision – a strong competitor

The APUS 20 C cold wire feeder sets the pace for automatic and semi-automatic TIG welding, bringing improved productivity to the system. The feeder is suitable for all cold-wire TIG welding applications:

- Increases welding speeds
- Higher efficiency thanks to a higher deposition rate
- High seam quality
- High visual quality
- Costs reduced by using additional material
- Regulates the temperature input
- Produces fill volume
- Welding safety-related components
- Increases competitiveness

APUS 20 C SPECIFICATIONS		
Supply voltage (50 Hz)	[V]	1 x 230
Duty cycle at I max. (10 min/40 °C)	[%]	100
Fuse	[A]	10
Weight	[kg]	16
Dimensions L x W x H	[mm]	620 x 300 x 520
Item number		8828100

Subject to technical changes. All units carry the CE and S marks and meet the EN 60 974 and EN 50199 standards.

### High-precision wire feed

The APUS 20 C is fitted with a precision stepper motor for wire feed speeds from 0.1 to 20.0 m/min at full torque.

### Application – related processes

- High-precision wire feed
- Pulsing via pulse times
- Pulsing via synchronisation with the power source

### Secure and stable fixing for the wire feeder on the torch

- Very high and reproducible positioning using the adapter ring and wire feed

### Optimisation opportunities

- All wire feed parameters are adjustable
- Controlled wire retraction at the end of the welding process
- Slip compensation after wire retraction

### Easy connection

- Via a CAN connection to the INVERTIG.PRO and VELA turntables

### Memory for settings

- Up to 99 programs can be stored

### Functions can be called up directly from the torch (INVERTIG.PRO)

- Wire positioning when idle
- Manual start/stop
- Automatic start/stop



# REHM – Setting the pace in welding

## THE REHM PERFORMANCE PROGRAM

- **REHM MIG/MAG inert gas units**  
SYNERGIC.PRO<sup>2</sup>® gas and water cooled up to 450 A  
SYNERGIC.PRO<sup>2</sup>® water cooled from 500 A to 600 A  
MEGA.ARC<sup>2</sup>® steplessly variable up to 450 A  
PANTHER 202 PULS impulse welding machine with 200 A  
MEGA.PULS FOCUS® pulse welding machines up to 500 A
- **REHM TIG inert gas welding units**  
TIGER® 170 and 210 A, single phase  
INVERTIG.PRO® and INVERTIG.PRO® *digital* 240 up to 450 A, three-phase  
INVERTIG.PRO COMPACT and INVERTIG.PRO COMPACT *digital* 240 to 450 A, three-phase
- **REHM manual arc welding unit**  
BOOSTER 140, BOOSTER.PRO 170 and 210, single phase  
BOOSTER.PRO 240 to 450 A, three-phase
- **Welding turntables**
- **REHM plasma cutters**
- **Welding accessories and materials**
- **Welding fume extractors**
- **Technical welding advice**
- **Torch repair**
- **Service**



REHM Uhingen

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