



## Phoenix 355 Progress Puls MM TKM





EWM's Phoenix 355 Progress Puls is a powerful and economic multi-process welder that offers MIG/MAG (standard and pulse), FCAW, TIG, MMA and gouging all in the one power source.

This portable machine offers the right pulse functions you need to weld aluminium and stainless steel. This machine is ideal for light to medium duty applications and its easy-to-understand control panel and synergic one-knob operation makes applying settings and selecting pre-programmed welding jobs so easy and with the optional power control torch (*purchased separately*) it's even easier.

The Phoenix 335 Progress Puls includes EWM patented processes such as forceArc®, superPuls®, rootArc®, and impuls® for better welding results. Complies to IEC 60974-1; -2; -10/CE /EN/EMC class A and is backed by a three-year conditional warranty.



## Specifications

Part No.	091-005403-00532		
	MIG/MAG	TIG	MMA
Setting range for welding current	5-350 A	5-350 A	5-350 A
Duty cycle 40°C	40%	350 A	350 A
	60%	300 A	300 A
	100%	270 A	270 A
No-load voltage (open circuit voltage)	80 V		
Mains frequency	50/60 Hz		
Mains fuses (slow-blow)	3× 16 A		
Mains voltage (tolerances)	3× 400 V (-25% to +20%)		
Max. connected load	12.7 kVA	9.7 kVA	13.8 kVA
Recommended generator power	13.1 kVA	17.2 kVA	18.7 kVA
cos φ	0.99		
Efficiency	88%		
Drive rolls	4 (equipped for 1.0 and 1.2mm steel wires)		
Wire speed	0.5-25 m/min (19.68-944.88 ipm)		
Dimensions (L × W × H)	625 × 300 × 480 mm		
Weight	33 kg		
Protection classification	IP 23		
Insulation class	H		
Cooling output	1000 W (1L/min)		
Tank capacity	5 L		
Flow rate	5 L/min		
Max. output pressure	3.5 bar		
Standards	IEC 60974-1; -2; -10 /  /  / EMC class A		

## Features

- Portable and compact
- Select pre-programmed job lists (up to 115 procedures) on PC2 torch
- Modular
- Connection capability for remote control, function torch, cooling module
- 4-roller wire feed equipped for 1.0 mm + 1.2 mm steel wires
- Trolley and cooling module optionally available
- Option to network via LAN or WiFi, Xnet-compatible
- Optional key lockout

## Package includes

- Power source
- MT301G PC2 3M EZA M8 torch
- Work return lead
- Regulator and gas hose
- Operating manual

## Optional extras

- Cooling Unit 50 U40 (Part No. 090-008598-00502)
- Trolley 55-5 (Part No. 090-008632-00001)

## Service and warranty

Three-year conditional warranty covers parts and labour. Excludes torches and consumable items. Warranty will not apply if operating and service instructions are not followed or the product shows evidence of tampering.