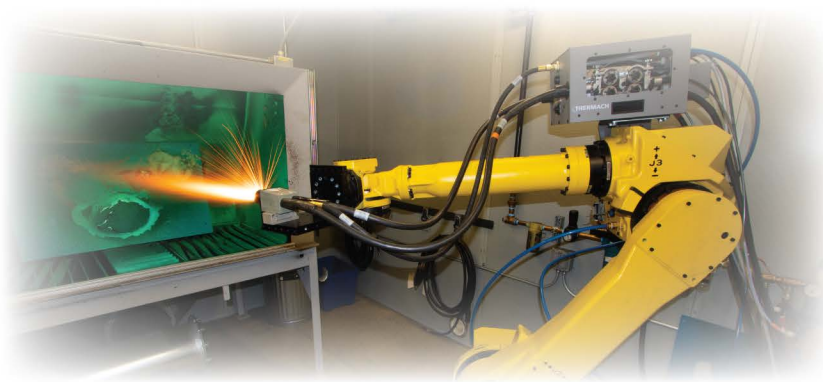


## AT-400R Remote Wire Feeder **Technical Datasheet**

### OVERVIEW

The AT-400R Remote Wire Feeder from Thermach is a robust, high-performance feeder designed for electric arc spray systems requiring remote wire feeding capability. Engineered for industrial use, the AT-400R allows flexible installation away from the power supply while maintaining precise control over wire feed rate and reliability.



### KEY FEATURES

- Remote-mounted for use in confined or hazardous environments
- Compatible with 1.6 mm (14 Gauge) to 3.2 mm (1/8") wire diameters
- Variable speed DC motor with closed-loop feedback
- Enclosed, powder-coated steel chassis for shop-floor durability
- Field-serviceable with quick-change wire guides and drive rolls
- IP54-rated enclosure suitable for industrial environments
- Communication via Ethernet/IP

### TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATIONS
Feed Speed Range	0.5 m/min to 10.5m/min
Wire Diameter Range	1.6 mm (14ga) – 3.2 mm (1/8")
Drive System	DC motor with encoder feedback
Enclosure Rating	IP54
Mounting Options	Floor mount, wall mount, or bracketed
Spool Capacity	Up to 15 kg (33 lbs)- 12" spool
Dimensions (L x W x H)	508 mm x 224 mm x 312 mm (20" x 9" x 12.3")
Feeder Weight	14 kg (31 lbs)
Full System Weight	23 kg (50 lbs)

### POWER REQUIREMENTS

PARAMETER	SPECIFICATIONS
Input Voltage	120 V AC (standard) or 24 V DC (optional)
Power Consumption	< 150 W
Connection Type	Circular locking connector
Electrical Protection	Inline fuse, surge protection, E-stop compatible

Your **coating partner**, not your competitor.

## AT-400R Remote Wire Feeder **Technical Datasheet** (cont)

### ENVIRONMENTAL & FACILITY REQUIREMENTS

#### PARAMETER

Operating Temperature  
Humidity  
Ventilation Requirements - Dust collection required

#### SPECIFICATIONS

0°C to 50°C (32°F to 122°F)  
Up to 85% non-condensing  
Natural convection, no forced air required.  
Dust collection make up air may be required

### COMPLIANCE & STANDARDS

CE compliant (available upon request)  
Manufactured in accordance with ISO 9001:2015 quality standards  
RoHS compliant components  
Designed to meet applicable Machinery Directive (2006/42/EC)

### CONNECTIONS

- (2) M12 connectors
  - (1) for Ethernet
  - (1) 12 pin hard wired safety

### MAINTENANCE & SERVICE

Tool-free access to drive rolls and wire guides  
Recommended cleaning interval: **every 40 operating hours**  
Replaceable components: drive rolls, cables, wire guides  
Maintenance manual and spare parts kit available



### ORDERING INFORMATION

#### PART NUMBER

AT-400R-120VAC  
AT-400R-24VDC  
AT-400R-SPAREKIT  
AT-400R-MOUNTKIT

#### DESCRIPTION

Standard 120 V AC Remote Wire Feeder  
24 V DC version for mobile platforms  
Maintenance spare kit (includes drive rolls, guides)  
Universal mounting bracket

Manufacturer of Equipment & Parts for the Thermal Spray Industry.

Easy online quote requests at [www.thermach.com](http://www.thermach.com).  
Call (920) 779-4299. Email [sales@thermach.com](mailto:sales@thermach.com).



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