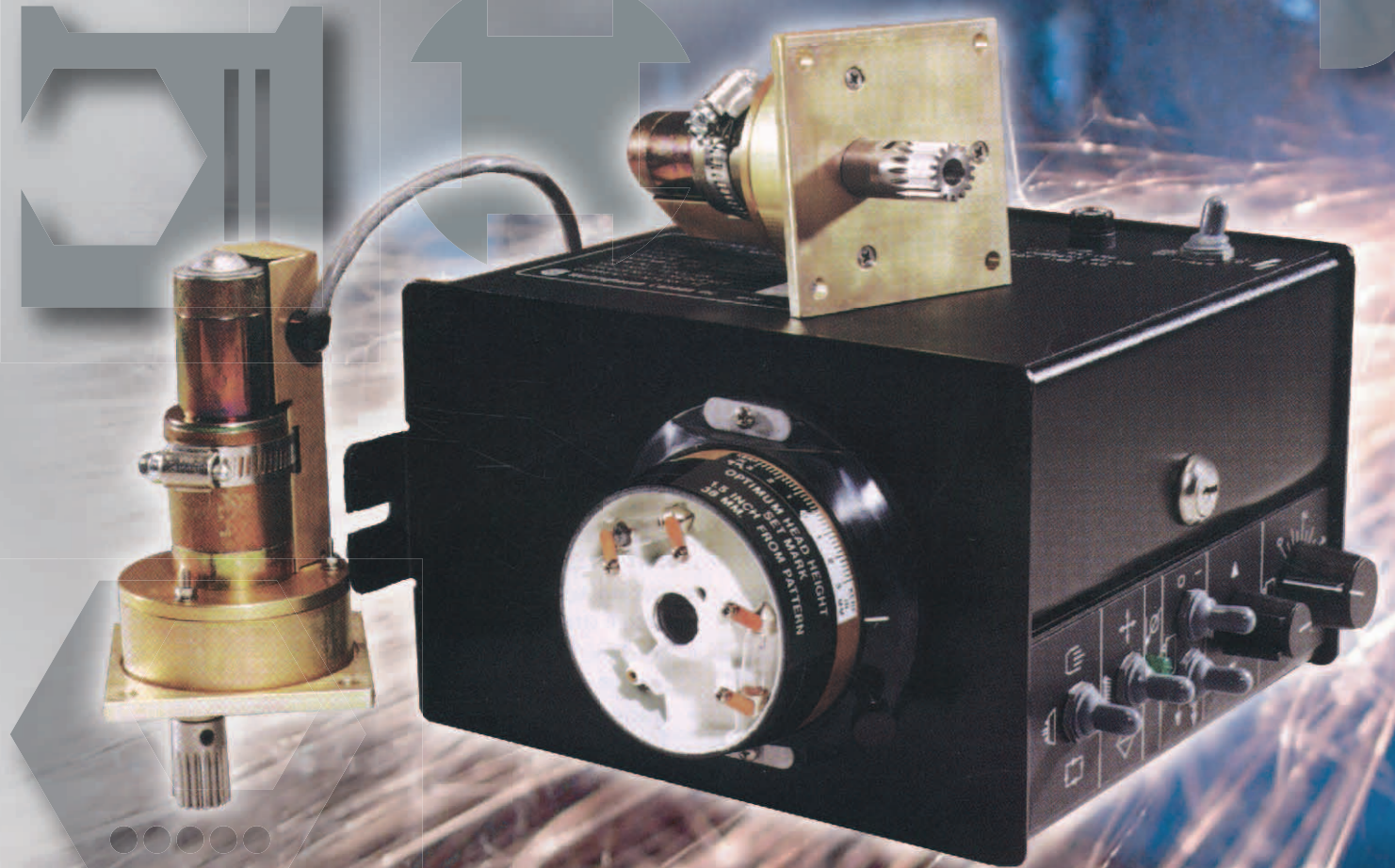


# LINATROL

Profile Cutting Solutions

## HL-90

### TRACING SYSTEM



The HL-90 Tracing System is the system of choice for small-profile cutting machines. Its precision, ease of use, low cost and compact design have made it Linatrol's number one selling system worldwide.

*Like our more than 12,000 satisfied HL-90 customers, let Linatrol help your business make the cut.*

# HL-90

# TRACING SYSTEM

The HL-90 Tracing System is a complete motion control system, perfect for small-profile cutting machine applications. The compact tracing unit integrates the tracer and operator controls for ease of operation and provides output connections for two-drive units, as well as a connection to initiate cutting.

Through advanced signal processing technology and a patented rotary scanning device, the HL-90 provides consistent, dependable motion control for high-quality profile cutting. With more than 40 years' experience, Linatrol systems deliver the powerful performance you can depend on.

## FEATURES & BENEFITS

- Universal compact design to suit all small machines.
- All operation controls on one panel.
- Standard system supports speeds up to 1 metre/minute.
- High Power versions to support speeds up to 3 metres/minute.
- Dual speed range on High Power systems.
- Enhanced cornering circuitry for improved low speed tracing on High Power systems.
- Command Mark slowdown option for improved cornering.
- Kerf adjustment to 3 mm.
- CNC compatible - optional interface connection.
- Drives available with optional encoders for CNC operation.

## PERFORMANCE SPECIFICATIONS

- Power: 110/115/230 VAC +10%/-15%, 50/60 Hz, single phase with ground connection.
- Tracing Accuracy: +/-0.25 mm deviation from a straight pattern edge.
- Machine Speed: 1, 2 or 3 metres/min may be selected.
- Tracing Speed: square corners to 1 m/min, 1 mm radius corners up to 1.5 m/min, 3 mm radius corners up to 3 m/min.
- Kerf Offset: adjustable for cuts up to 3.0 mm wide.
- Lead: 3 mm standard, others available for special applications.
- Patterns: Silhouette or Line type (minimum line width is 0.6 mm).
- Environment: operating temperature 0°C to +50°C, storage temperature -18°C to +65°C, humidity to 95% (non condensing).

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