# UNIFIX M-1500

HIGH PRESSURE INJECTION PUMP



## Product Features

**UNIFIX M-1500** is an advanced, **high-pressure injection pump** specifically engineered for demanding structural restoration and concrete repair applications. Designed to deliver superior performance in stopping water ingress and filling internal structural voids, this versatile pump efficiently injects both **epoxy and polyurethane filling resins** directly into compromised concrete elements. Featuring a **compact and lightweight body weighing just 7.5 kg**, the **UNIFIX M-1500** offers outstanding portability and maneuverability across tight jobsite conditions, while remaining built for long-term durability and simplified, hassle-free on-site maintenance.

Engineered to handle critical structural repairs with precision, the **UNIFIX M-1500** is capable of generating powerful **working pressures up to 15,000 psi** within seconds of activation. This immediate high-pressure output ensures deep resin penetration and full coverage, allowing operators to reliably seal ultra-fine hairline fissures and cracks as small as **0.01 mm**. By combining rapid pressure delivery with versatile chemical compatibility, the **UNIFIX M-1500** provides concrete repair professionals with a highly dependable, efficient solution for long-lasting structural sealing and waterproofing.

## Advantages

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|---|
| High-pressure injection up to 15,000 psi. |
| Lightweight (7.5 kg), portable, and easy to maintain. |
| Designed for professional crack injection works. |
| Compatible with PU foam, epoxy resins, and other non-granular liquid injection materials. |

## Fields of Application

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| Basement and foundation waterproofing. |
| Floor slab crack and joint injection. |
| Subway and tunnel crack injection. |
| Continuous walls and diaphragm walls. |
| General water seepage control and leak stoppage. |



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# Physical Properties

| | | |
|---|---|---|
| Machine Weight | : | 7.5 kg |
| Maximum Output Pressure | : | 15,000 psi |
| Pressure to Restart | : | 7,000 psi |
| Safe Range of High-Pressure Hose | : | 10,000 psi |
| Safe Range of Switch Valve | : | 15,000 psi |
| Power Drill Motor Requirement | : | 910 W, 220-240V |
| Flow Rate (Typical) | : | ~0.5–1.0 L/min |
| Operating Temperature Range | : | 5°C – 40°C |

# Package Contents

| | | |
|---|---|---|
| Power Drill | : | 910 W |
| High Pressure Hose | : | 1 roll 5m |
| Shut-Off Valve | : | 1 set |
| Repairing Kit | : | 1 set |
| Seal Set | : | 1 set |
| T Type Wrench | : | 1 set |

- Package is supplied with the contents mentioned.

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# UNIFIX Injection Packer & Connector



| Model | Size | Packing |
|---|---|---|
| UNIFIX A10 | 13mm x 90mm | 50 pcs / bag |
| UNIFIX A15 | 13mm x 130mm | 50 pcs / bag |
| UNIFIX A20 | 13mm x 180mm | 50 pcs / bag |
| UNIFIX A25 | 13mm x 240mm | 50 pcs / bag |
| UNIFIX A30 | 13mm x 280mm | 50 pcs / bag |
| UNIFIX B8 | 10mm x 80mm | 100 pcs / bag |
| UNIFIX B10 | 10mm x 100mm | 100 pcs / bag |
| GREASE HEAD | A10 / B10 Connector | 10 pcs / box |

# Pressure Injection Hose



| Working Pressure | 0 - 10,000 Psi |
|---|---|
| Size (Length) | 5 meter long |


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