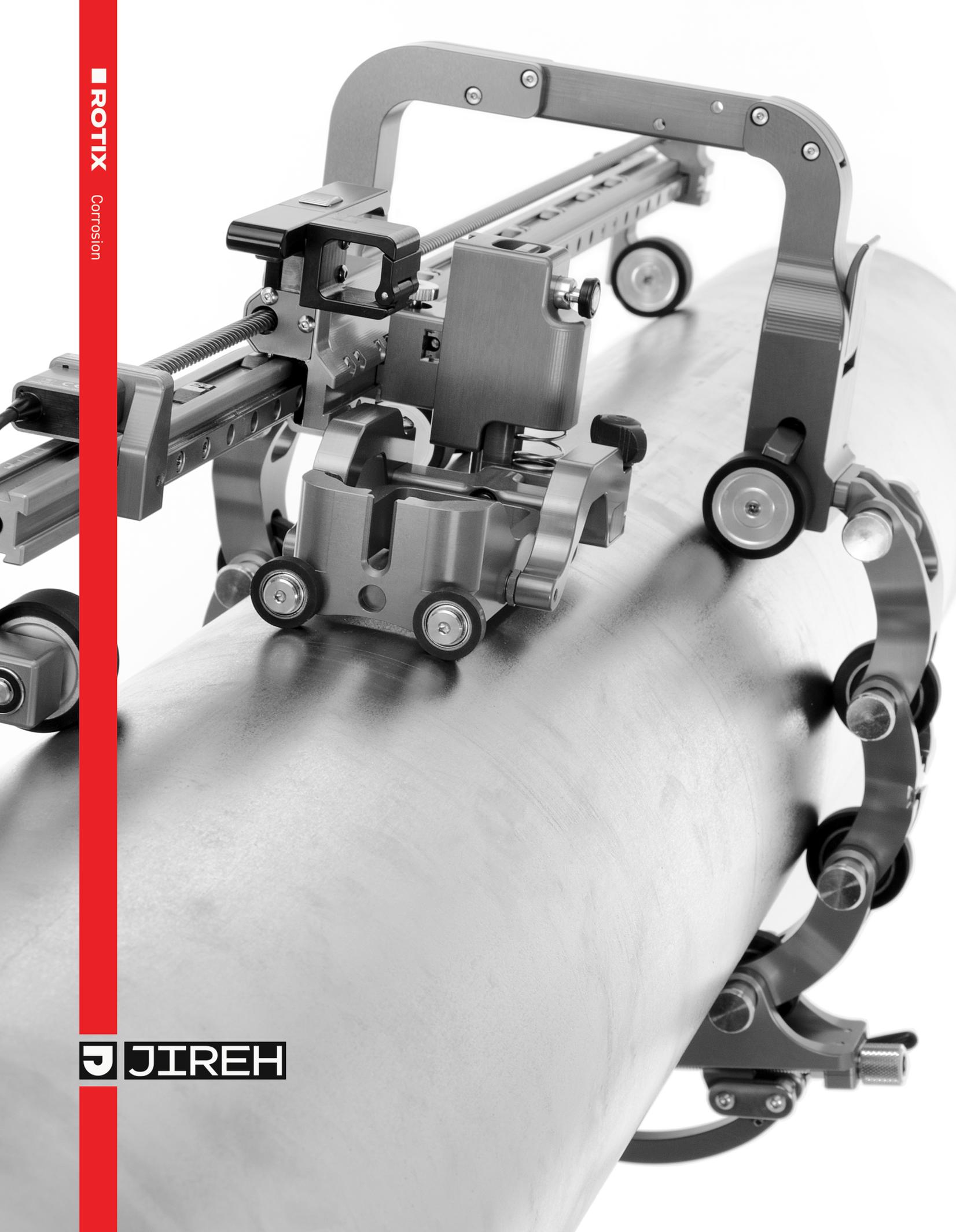


■ ROTIX
Corrosion



J JIREH

Features

Corrosion Scanning

- Perform precision semi-automated corrosion scans with ease. Manually operated, this chain scanner provides encoded probe positioning for both ferrous¹ and non-ferrous surfaces.

Scan Control

- The carrier, to which the heavy duty probe holder connects, includes a locking handle which aligns the probes scan path. Simply lift the handle and slide the carrier to the next index position (*which is configurable depending on the size of probe used*) to align to the next scan path.

Encoder

- Using various links and an adjustable buckle, scans of pipe diameters from 10.2 cm – 96.5 cm (4 in – 38 in) may be inspected. The quick release links are designed for simple and efficient setup of the scanner.

Encoding

- Providing encoded positioning for both the X and Y-axis. The built-in encoder output is fully compatible with all standard instruments.

Heavy Duty Vertical Probe Holder

- Designed to carry large probes, the heavy duty vertical probe holder is compatible with the Olympus HydroFORM.²

Brake

- Control scanner movement with the braking system.

Wheels

- Coated with urethane to reduce the effects of foreign debris to the scanner's motion, Urethane also eliminates slippage of the scanner during vertical applications.

Specifications

Pipe Range, Circumferential

- 10.2 cm (4 in) - 96.5 cm (38 in)

Stroke Length

- 60 cm (24 in)

Encoder Resolution

- 16.32 counts/mm (415.5 counts/inch)

Index Resolution

- 40.31 counts/mm (1023.9 counts/inch)

Probe Holding Capacity

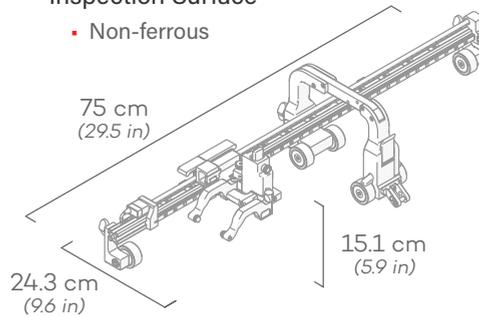
- One heavy duty vertical probe holder

Encoder Cable Length

- 7.5 m (24.6 ft)³

Inspection Surface

- Non-ferrous



Weight and Dimensions

Scanner Weight

- 2.8 kg (6.2 lb)

Scanner Dimensions

- Length 75 cm (29.5 in)
- Width 24.3 cm (9.6 in)
- Height 15.1 cm (5.9 in)



Environmental Specifications

Operating Environment

- 20° C (-4° F) to 50° C (122° F)

Environmental Sealing

- Dust tight, waterproof⁴

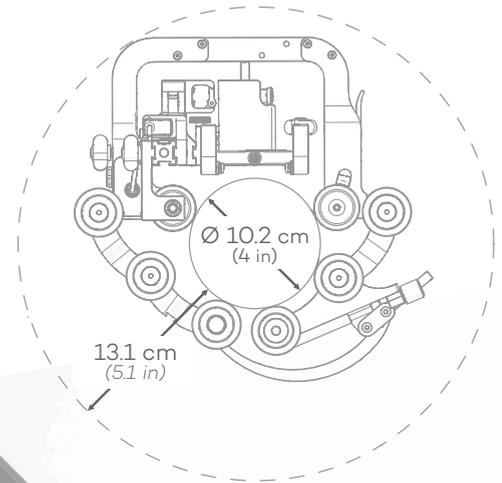
Accessories

Manual Couplant Pump

- 7.6 litre (2 U.S. gal) couplant pump.
- 11.4 litre (3 U.S. gal) couplant pump.

HydroFORM Cart

- Carry an Olympus HydroFORM probe.



1. Ferrous scanning possible with optional Rotix to Stix conversion kit.
2. When used in conjunction with the HydroFORM Cart.
3. Various encoder cable lengths available.
4. Not submersible.