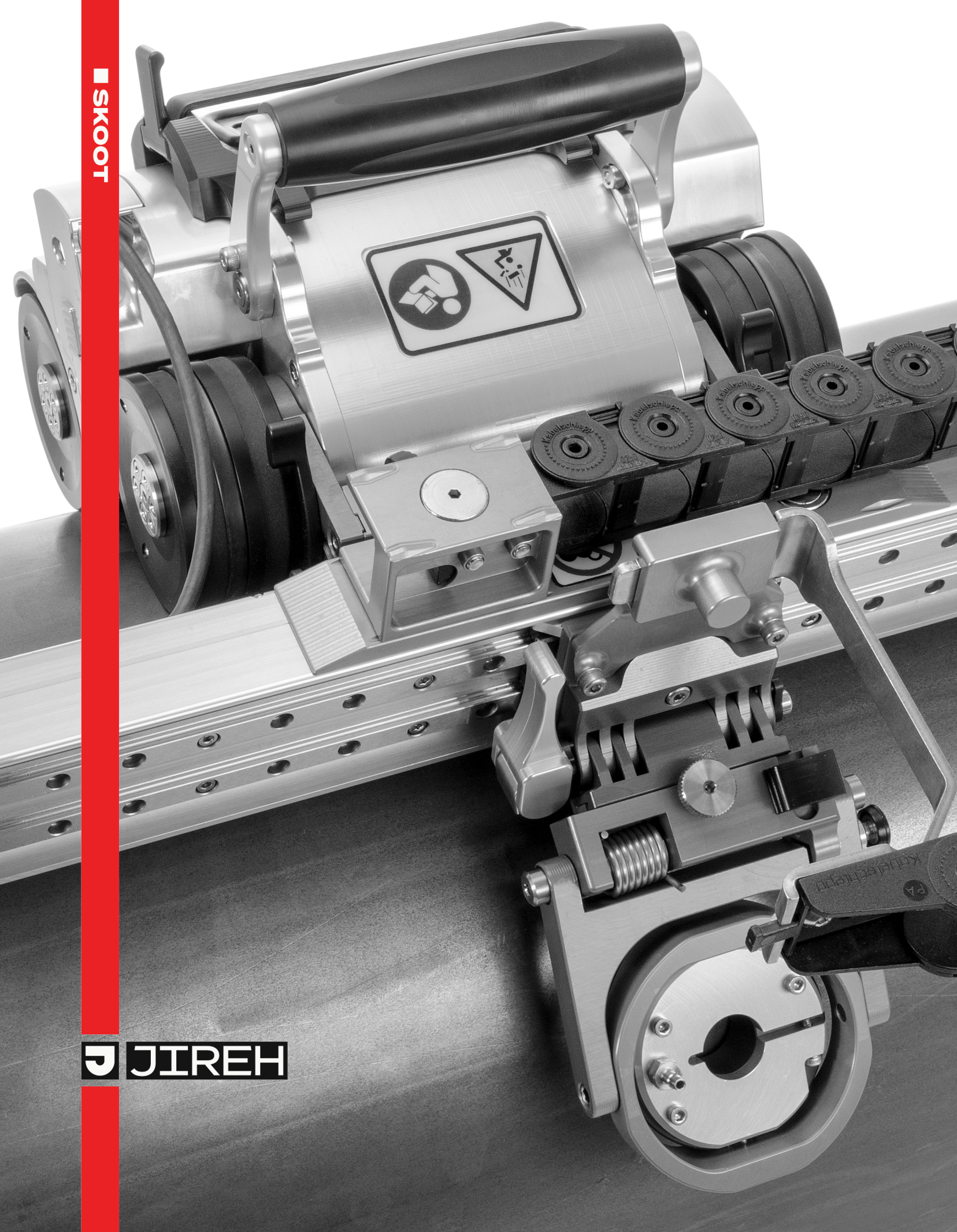


■ SKOOT



J JIREH



Skoot crawler fitted with a backpack and 900 mm (35 in) motorized raster arm carrying a HydroForm probe holder.

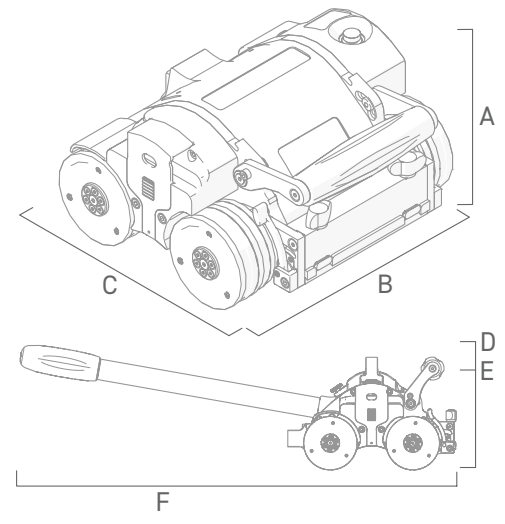
Weight and Dimensions

Crawler Weight

- 7.3 kg (16 lb)²

Crawler Dimensions

- A Height: 11.2 cm (4.4 in)
- B Width: 20.8 cm (8.2 in)
- C Length: 21.8 cm (8.6 in)
- D Height³: 12 cm (4.7 in)
- E Height⁴: 16.1 cm (6.3 in)
- F Length: 56 cm (22 in)



Features

Low Profile Design

- Requiring only 10.2 cm (4 in) radial clearance for limited access inspection¹.

Magnetic Wheels

- Operate on vertical, horizontal and inverted surfaces.

Scan Versatility

- Facilitates circumferential scans on pipes as small as 6.35 cm (2.5 in) OD, while also capable of longitudinal scanning on pipes as small as 76.2 cm (30 in) OD.

Remote Control

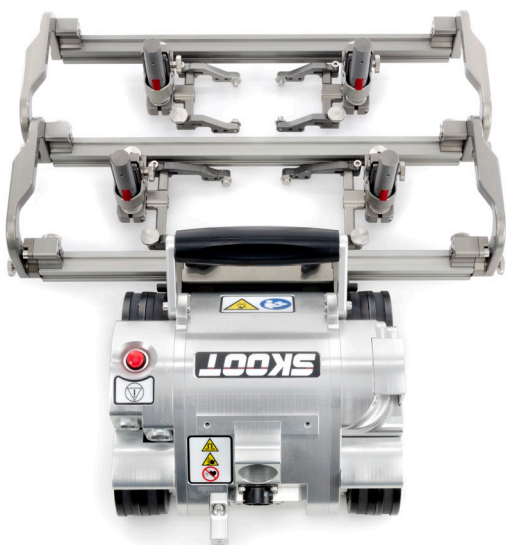
- Ergonomic hand-held controller includes programming of raster patterns, drive speed and diagnostics.

Modular Design

- Compatible with various probe holder frames, raster arms and other useful accessories.

Built-in-Encoder

- A precision encoder is integrated into the scanner body and is fully compatible with all standard instruments.



Vertical probe holder frame mounted to a Skoot crawler.

Skoot crawler with a manipulation handle attached along with a corrosion thickness probe holder.



Specifications

Circumferential Pipe Range

- 6.35 cm (2.5 in) to flat

Circumferential, Internal Pipe Range

- 68.6 cm (27 in) to flat

Longitudinal Pipe Range

- 76.2 cm (30 in) to flat

Radial Clearance

- Under 20 cm (8 in) OD 10.4 cm (4 in)
- Over 20 cm (8 in) OD 11.03 cm (4.3 in)

Encoder Resolution

- 1354 counts/mm (6100.9 counts/in)

Maximum Vertical Payload

- 9 kg (20 lb)

Maximum Travel Speed

- 0.5 - 14.2 cm/sec (0.2 - 5.6 in/sec)

Power Requirements

- 100-240VAC, 50/60Hz, 1.4 Amps

Umbilical Length

- 7.5 m (30 ft)

Inspection Surface

- Ferrous

Operating Environment

- -20° C (-4° F) to 50° C (122° F)

Environmental Sealing

- Dust tight, water tight⁷

Regulations

- CE compliance
- FCC compliance
- Industry Canada compliance

Accessories

Vertical Probe Holder Frame

- Weld scanning capability

Motorized Raster Arm

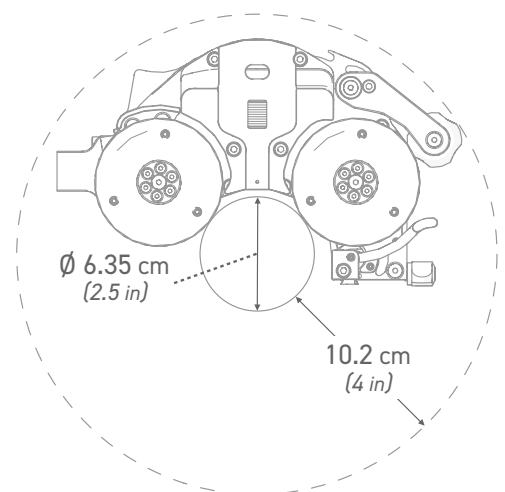
- Two-axis automated corrosion scanning

Backpack

- Carry additional scanning peripherals.

Motorized Couplant Pump

- Consistent couplant supply



1. With backpack and manipulation handle removed, using slip joint probe holders only.
2. Configuration excluding case, attachments, umbilical, manipulation handle, power controller and hand held controller.
3. Measurement to top of manipulation handle
4. Top of backpack mounting rail
5. Radial clearance data does not include backpack use
6. Performance may vary with surface type. Umbilical and attachments are considered payload..
7. Not submersible.