

PIPE CRUISER

Modular system for inspection of pipes from 150 to 1200 mm



PIPE CRUISER FOR INSPECTION AND MEASUREMENT

Based on our 25 years of experience and on feedback from our clients and partners, we have brought the very latest technology to the Pipe Cruiser. It is intended for pipe inspection and measurement. This powerful and modular system allows the inspection of any type of pipes, with diameter ranging from 150 to 1200 mm, in particularly hostile environments. It is fitted with either a DTR 65 HRC camera or a FTR 80 C zoom camera. It can be equipped with a real time deflection measurement system (SIMCO), a motorised pantograph or a satellite camera module.

Watertight (IP65)
transportable control unit

Typewriter keyboard connection



RS232 link



Options:

PC or Laptop
+ CANASOFT V7 software
(Prints inspection report)
and/or SIMCO software
(Prints deflection report)

Ergonomic Control panel
(wireless option available)
with LCD control screen



Small diameter umbilical (7.8 mm)
with high load capacity (300 kg)

Automatically controlled
motorised reel with capacity
up to 500 meters

Fast
strain

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MEASUREMENT OF PIPES FROM 150 TO 1200 MM

CONTROL UNIT CONTAINER VSR65

Power supply and controls for: camera, trolley and lights
Dimensions: LxDxH: 530 x 440 x 320 mm - Weight: 23 kg
Control panel

TMO 500 A REEL

Capacity: up to 500 meters of umbilical cable
Self winding system
Winding and unwinding speed slaved to forward / backward movement of the camera
Electronic distance counter

VSCE 150 ELECTRICAL TROLLEY

Modular, to be used within pipes diameter 150 to 1200 mm
6-wheel drive; Steerable
Adjustable speed from 0 to 30 m per minute
Bronze + brass housing; Length 385 mm, Weight: 16 kg
Depth rating in water: 10 meters (trolley is internally pressurised)
Backwards black & white camera with infrared lights
Can be used with the SIMCO module (deflection measurement)

OVR UMBILICAL

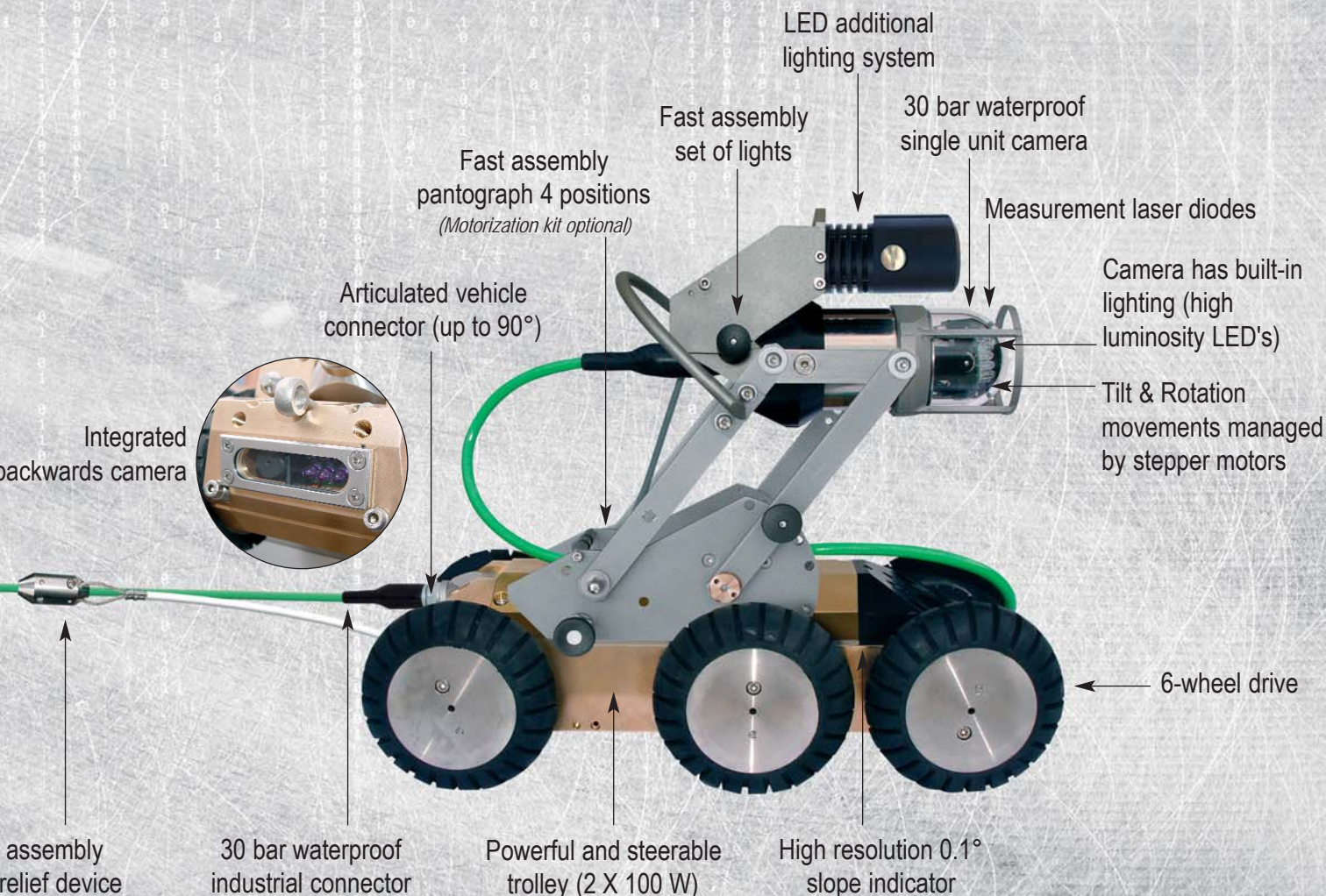
Internal Kevlar braid (pulling force: 300 kg)
Polyurethane external sheath, abrasion resistant
Diameter: 7.8 mm; Weight: 90g/m

DTR 65 HRC CAMERA

Resolution: > 450 TV lines; Sensitivity: 0.1 lux
Remote controlled focus
Diameter: 65 mm; Stainless steel Housing; Operating pressure: 30 bars
Viewing head movements: Tilt+/- 110°; rotation: unlimited
High luminosity LED (50000 hour lifetime)
Laser measurement head. Reference LA2 (+ DIMFIS software)

FTR 80 C ZOOM CAMERA

Highly compact camera with swivelling head
Optical zoom 10x ; digital zoom 4x. Remote controlled focus
Resolution: 460 TV lines; sensitivity 1.5 lux (0.13 lux in slow shutter)
Housing diameter: 65 mm; Head diameter: 80 mm
Stainless steel housing
Depth rating: 10 meters



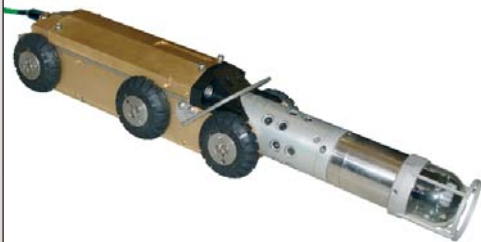
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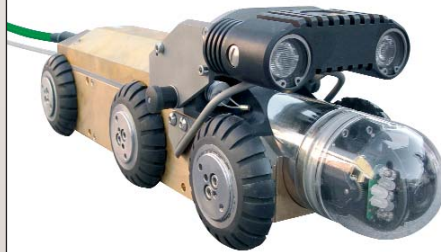
Configure
the equipment
according to
size of pipe



150 - 200 mm
with SIMCO



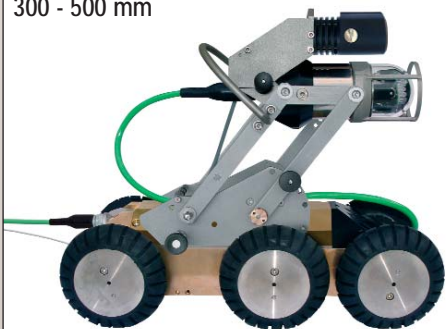
200 - 250 mm



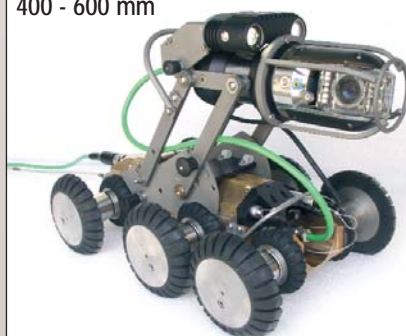
250 - 300 mm



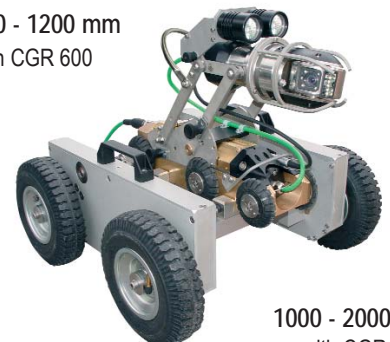
300 - 500 mm



400 - 600 mm



600 - 1200 mm
with CGR 600



1000 - 2000 mm
with CGR 2000

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