Steerable nozzle camera

*JETCAM* 40 PRO

Unblocking  High pressure cleaning  Satellite system

Inspection  Documentation

and all in just **only one** procedure
The **Jetcam 40 PRO** is a very efficient system for unblocking.

Before and after the unblocking, this system serves as sewer cleaning system. It is equipped with a **high performance camera** for having an ideal optical orientation while the several working procedures.

*This system changes the manner of sewer maintenance for ever.*

**Structure of the most working part of the Jetcam 40 PRO:**

- Working head including:
  - Forward jetting nozzle (switchable) for removing obstacles (option)
  - High performance camera for permanent orientation and documentation, with Locating sender 512 Hz (option)
  - Steering nozzle for steering into branch pipes
  - Backward jetting nozzles unit, for the forward drive of the working head in the pipes. Instead of that unit it’s possible to operate a rotary, or rotary hard cleaning nozzle

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**Usually**

- Sewer camera, spirals, chain, spinning heads, or high pressure jetting.

**NOW**

- Satellite system / steerability:
  - Not through the dirt, but to steer and drive over it

- High pressure cleaning during the self forward drive. Especially while pulling back the hose.
  - Option: with different cleaning nozzles, by example rotary, or rotary hard cleaning nozzle, etc.

- Unblocking by the switchable forward jetting nozzle.
  - By turning the hose the water jet of the forward jetting nozzle is hitting the blockage at various points, resulting (in the ideal case) in the removal of the obstacle.

- Inspection with the high performance camera you keep all time the control over the working procedures.

- Documentation over the built-in digital video recorder, or the connection of your control case with the BNC out of the system, or similars

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**In only ONE working procedure you do everything where as you need otherwise a lot of time with some other equipment.**

Your customers will appreciate your extra service that pays off for you!

Do the work in the whole sewer net in beginning from an only single point. With the Jetcam 40 PRO where by nothing can stop you.
EQUIPMENT:

Digital camera system in one wire technology.
A supplementary cable or wire beside the hose is not needed.

Reel:
- In stainless steel
- To pull out / fold down, with a security clutch
- Tires for an easy transport
- Stainless steel hose drum, with stopper and fold-down crank handle
- Can be operated in the positions: stand up or layed down

Water (high pressure):
- HP connection ½" for connecting to your jetting machine, with cut off valve. Flow trough: 40 – 100 liters / min.
- Manometer. Maximum pressure: 160 bar
- Surface hardend high pressure hose, with best sliding qualities. Length NW 10 or 12.5 (½"): 35 (114 ft) till 60 meters (229 ft), corresponding of the hose. Other length, other hose diameters, on demand. Flow through: max. 100 l / min (depending on the hose)

Nozzles:
- 1x steering nozzle
- 1x backward jetting nozzles unit (with 6 nozzles).
The nozzle inlets (0.8-1.6 mm) itself are variously changeable
- 1x stabilisation nozzle. Holds the unit straight in the pipe
- Option: forward jetting nozzle for unblocking
- Option: rotary, rotary hard cleaning nozzle, or others

Camera with plastic impact guard (in a bulb form):
- Camera head at the connectable HP hose unit, in stainless steel (Ø 32 mm [1,26"], length 55 mm [2,17"])
- Waterproofed up to 5 bar
- High performance LED- cold light
- Excellent picture quality, impressive color reproduction
- Camera with DSP (Digital Signal Processing)
- High resolution (350 lines)
- Wide angle objective: 145°
- Focus: fix
- TV-System: PAL / NTSC

Others:
- Battery (12 V DC, working hours: 2 hours), with power supply: 220 V 50 Hz
- Meter indication in the camera picture
- TFT monitor 5,6 or 8 inch, with built-in digital video recorder. Recording directly on a SD card. SD cards with a capacity of max. 32 GB will be supported. Picture resolution: max. 1024 x 768 pix.
- Reinforced video out, 1x

possible Accessories:
- Locating sender 512 Hz in the camera head
- Umbrella, alignable on a hinge

Dimensions (folded, LxWxH): ca. 60x70x83 cm (23,6x27,5x32.6")