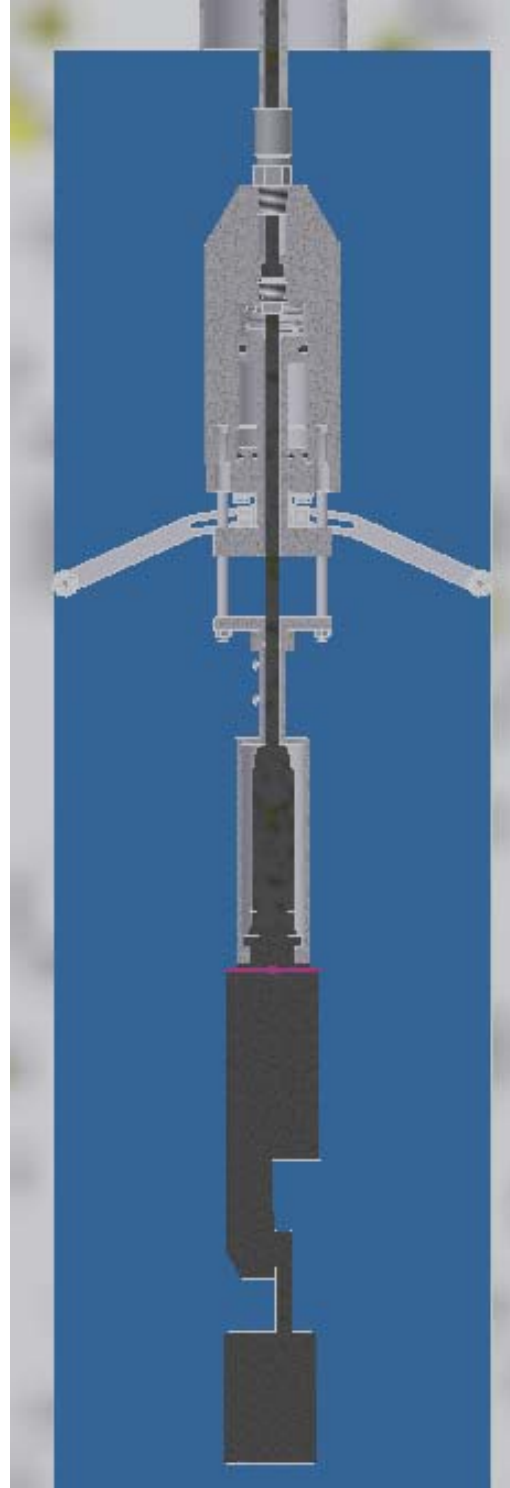




HYDRO-LEK

REMOTE HANDLING SPECIALISTS





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HLK-83220 – Underground Camera Deployment System

This standard system represents a large range of camera deployment equipment available from Hydro-lek. The purpose of this product is to provide positional traceability and stability to a camera lowered into an underground cavity. Designed to be operated with the HLK-83200 Portable Winch, this system can be adapted for a number of storage tube diameters and a wide variety of cavity widths.

The system utilises a pneumatic air supply to operate legs which open to three positions controlled by the use of a pressure regulator valve.

- Position 1 closes the legs to within the diameter of the cavity entry tube – No air pressure
- Position 2 is used to maintain low friction contact with the cavity walls so that the system can be lowered or raised without any twist in the reinforced hose supporting the system
- Position 3 is used to create a higher force on the cavity wall and will firmly hold the system in place to allow the camera to record the surroundings from an identifiable and retraceable position

There are position markings at regular intervals along the hose to allow traceability of height.

Features

- Bullet shaped cylinder to allow cylinder and camera to be easily retractable into the deployment tube
- Powerful pneumatic cylinder to create enough clamping force at relatively low pressures (As low as 80p.s.i.)
- Design allows a camera cable to be fed through the reinforced hose supplying the air pressure and supporting the weight to give a common system entry point at the smaller diameter end of the bullet.
- Easily removable rollers, ideal for any use in contaminated zones as the rollers will be the only part of the assembly that will touch the cavity walls
- Completely enclosed deployment tube so that the system can be enclosed and taken away for decontamination if used in contaminated area.
- Lightweight construction. Primarily aluminium.