

CTRACK - Traceable Maxi Duct Rodder For Tracing Buried Non Metallic Telecom Ducts

The CTRAK is a **maxi traceable rodder** for **tracing route of buried non metallic PLB telecom HDPE ducts or plastic pipes of 36 mm (1.4") dia or higher.**

The CTRAK flexi traceable maxi duct rodder is ideal for maintenance of outside plant buried telecom optical fiber duct networks. The CTRAK is based on a sturdy composite rod of 9mm dia with a built in 1mm copper wire that is rigid yet flexible enough to guide into non metallic HDPE ducts/plastic pipes and metal pipes **up to lengths of 300 meters.**

The base of the frame contains a **"terminal"** that **provides a connection to the inbuilt copper tracer wire** of the duct rod. After inserting the traceable rod into the duct which is to be route traced, **apply signal from the direct connection lead of a transmitter to the terminal connection point** on the CTRAK and connect the other lead of the transmitter to an earth stake, which then **excites the full length of the rodder to enable trace the buried pipe.** Use any available Digital Pipe & cable locating receiver to trace the route of the buried pipe.

The CTRAK has an **M12 rod end** that allows any commercially available Sonde with corresponding threading to be attached to the leading tip of the rodder to allow precise detection of blockage points that may exist in the buried telecom ducts.

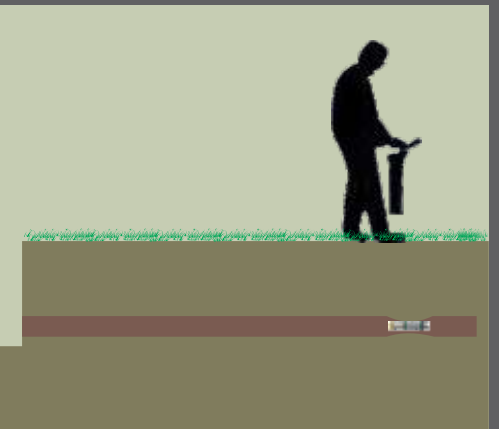
The CTRAK traceable maxi duct rodder is possibly the **most widely utilised traceable duct rodder worldwide** by both telecom project and O&M teams to recover existing telecom duct assets.

Features:

- Compact & easy to transport in a pickup jeep or small transport vehicles.
- Enables very rapid route tracing of buried pipes.
- Provided with an M12 male threaded rod end on the front tip to allow a sonde to be attached for locating blockages in buried pipe.

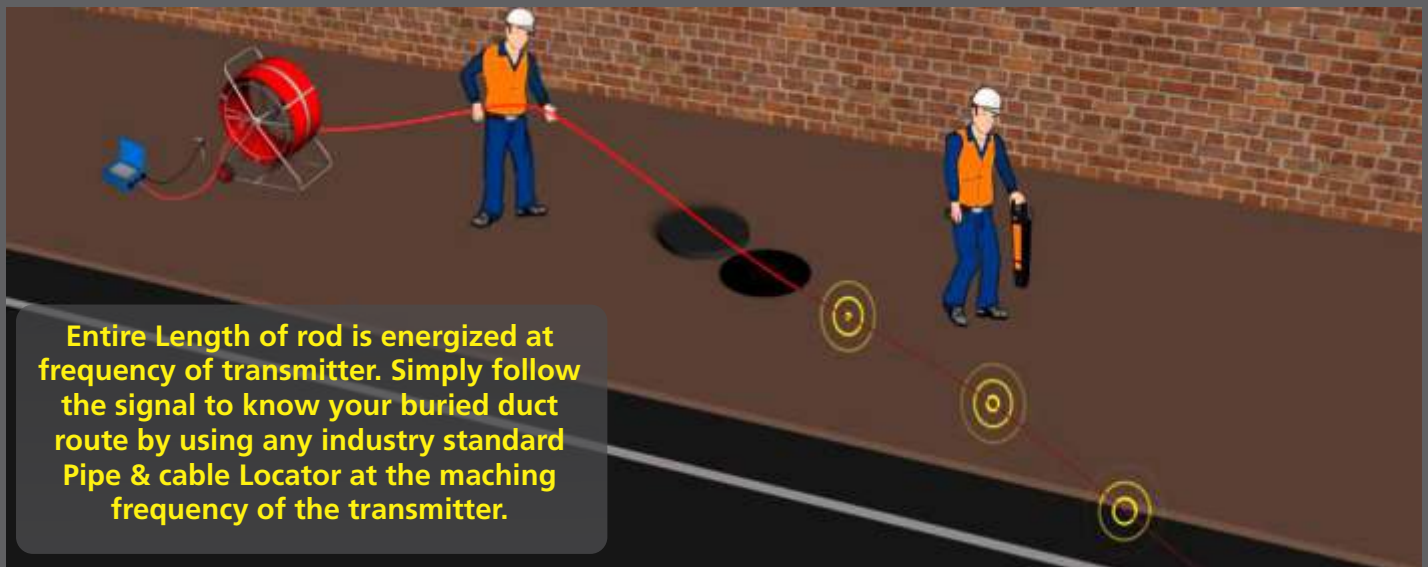


CTRAK connection terminal point.



Specification:

Rod Length Options:	200m(656'), 300m(985')
Rod Diameter:	9.0mm (Nominal) (3/8")
Dimension(LWH):	91x53x94 cms
Size of Copper Wire	1mm Dia
Rod Colour:	Red
Line Depth Detection	0 to 5m depending on signal generator/transmitter & site conditions
Terminal box:	1 terminal connection (IP65 rated)
Operating/Storage Temperature:	-20 C to +50 C
Rod Material:	Composite fiberglass rod with built in copper wire
Compatibility:	Any Signal generator/transmitter at any frequency



Entire Length of rod is energized at frequency of transmitter. Simply follow the signal to know your buried duct route by using any industry standard Pipe & cable Locator at the matching frequency of the transmitter.

Usage Illustration:

Step 1:



Insert rod into manhole and push into buried non metallic pipe/duct which is to be route traced.

Step 2:

The terminal point of the CTRAK provides the connection to the inbuilt copper tracer wire of the duct rodder.



Step 3:



Apply signal from direct connection lead of the transmitter with any suitable frequency such as 16/33/64 /65/133 KHz etc to the terminal & connect the second lead from transmitter to the earth stake to energize the full length of the traceable duct rodder.

Step 4:

Trace route & depth of buried pipe with precision using any digital or analog receiver.

