

# CTRAK- Traceable Maxi Duct Rodder

For Route Tracing Of Buried Non Metallic Ducts

## Description

The CTRAK is a maxi traceable rodder for tracing route of buried/underground non metallic telecom HDPE ducts or plastic pipes of 36 mm dia or higher. 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 box 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 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 Digital Pipe & cable locating receiver to trace the route of the buried pipe.

## 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.

## Specification

Length Options	150m(492'), 200m(650'), or 300m(984')
Dimension	82x40x96cm Maxi Frame "B" Type for 120~200m 102x38x108cm Super Maxi Frame "A" Type for 300 m frame
Rod Dia	9.0mm (Nominal)
Size of Copper Wire	1mm Dia



**Item Code :** ST-CTRAK 150 for 150m, ST-CTRAK 200 for 200m & ST-CTRAK 300 For 300m

## Usage Illustration



**STEP 1 :**  
Insert rod into manhole and push into buried non metallic pipe/duct which is to be route traced.

**Note -** A professional pipe & cable locator comprising locating receiver & signal generator will be required to use the CTRAK traceable 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 2 :**  
The terminal box of the CTRAK provides the connection to the inbuilt copper trace wire of the duct rodder.

**Step 4 :**  
Trace route & depth of buried pipe with precision using any digital or analog receiver.

