

## DUCT RODDER INTRODUCTION

### THE ROD

DCD rods are manufactured from state-of-the-art materials formulated to offer the high performance & durability demanded by our customers.

The pultruded rod combines both the high stiffness required to push the rod through long distances of ducting, with the flexibility to handle tight bends without damage. This inner core is coated with a highly durable, scratch resistant polypropylene sheath which protects the core from mechanical damage.



### THE FRAMES

The four largest sizes incorporate the new EZ-Tip™ feature; a larger footprint for stability; steel brake handles that will last forever; dual rod out-feeding positions and wheels inside the frame width. The two smallest sizes feature frames with the feedout built into the handle. All frames can be laid down on either side.

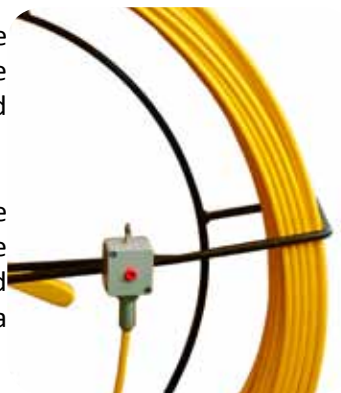
**DCD**

Rod Dia.	Threaded Connection	Tensile Strength of Rod	Typical Strength of Glued Connection	Typical Strength of Screwed Connection	Minimum Bend Radius	Typical Max. Duct Dia.	Max. Length of Push or Pull
1/8"	#12 UNC	1,125 LB	140 LB	-	2"	1-1/4"	150 FT
3/16"	#12 UNC	2,200 LB	350 LB	-	4"	2"	300 FT
1/4"	5/16" UNC	4,070 LB	800 LB	1,050 LB	7"	2-1/2"	400 FT
5/16"	5/16" UNC	7,700 LB	850 LB	1,100 LB	10"	3"	600 FT
3/8"	3/8" UNC	8,580 LB	1,150 LB	1,150 LB	12"	4"	800 FT
7/16"	3/8" UNC	11,000 LB	1,750 LB	1,200 LB	16"	8"	1,200 FT
1/2"	3/8" UNC	13,000 LB	1,900 LB	1,250 LB	18"	10"	1,000 FT

## DETECTABLE DUCT RODS

DCD Detectable Duct Rodders are available in 3/16", 5/16" and 7/16" diameter rods. They are available in the same lengths as the regular rodders and are mounted in the same frames. The purpose of the detectable rod is to be able to accurately locate existing ducting underground or to locate the position of a blockage within a duct.

Each DCD detectable duct rod unit is supplied with a terminal box mounted on the frame with male and female banana terminals for external hook up. Any transmitter can then be hooked up to the terminal box with the second lead from the transmitter going to ground (spike into earth). Once switched on, the signal will be transmitted along the duct rod and a standard locator can then be used to locate the signal source from above ground.



DCD Also offers various stainless steel adapters for attaching a sonde unit to the swivel rod end.

**Caution should be exercised when ordering long lengths because the signal will diminish with distance travelled.**

**EXTREME DANGER: NEVER USE A DETECTABLE RODDER IN A LIVE ELECTRICAL ENVIRONMENT. ELECTRICAL SHOCK OR DEATH MAY RESULT IF CONDUCTIVE ROD TOUCHES EXPOSED CIRCUIT.**

**NOTE! ALL DUCT RODDERS ARE CUSTOM BUILT TO ORDER AND ARE NON-RETURNABLE EXCEPT FOR WARRANTY.**

**ALL REPLACEMENT RODS WILL BE SHIPPED IN A NEW CAGE FOR EASY REPLACEMENT ONTO THE FRAME. EXTREME CARE MUST BE TAKEN WHEN HANDLING LOOSE FIBERGLASS ROD AS IT STORES CONSIDERABLE ENERGY AND MAY CAUSE SEVERE INJURY.**



	Deluxe Rodder	Deluxe Detectable Rodder	Rod Length	Weight	Non-Detectable Replacement Rod
Fish Rod 1/8"	51000-050		50 FT	1.6 LB	
	51000-100		100 FT	2.1 LB	
	51000-150		150 FT	2.5 LB	
Reel Rod 3/16"	52000-150	52200-150	150 FT	8 LB	52100-150
	52000-200	52200-200	200 FT	9 LB	52100-200
	52000-250	52200-250	250 FT	10 LB	52100-250
	52000-300	52200-300	300 FT	11 LB	52100-300
	52000-350	52200-350	350 FT	12 LB	52100-350
	52000-400	52200-400	400 FT	13 LB	52100-400
TUF Rod 1/4"	52000-500	52200-500	500 FT	14 LB	52100-500
	52500-150		150 FT	12 LB	52600-150
	52500-200		200 FT	13 LB	52600-200
	52500-250		250 FT	14 LB	52600-250
	52500-300		300 FT	15 LB	52600-300
	52500-350		350 FT	16 LB	52600-350
RUF Rod 5/16"	52500-400		400 FT	17 LB	52600-400
	52500-500		500 FT	19 LB	52600-500
	52500-600		600 FT	21 LB	52600-600
	53500-200	53700-200	200 FT	32 LB	53600-200
	53500-250	53700-250	250 FT	34 LB	53600-250
	53500-300	53700-300	300 FT	36 LB	53600-300
	53500-350	53700-350	350 FT	38 LB	53600-350
	53500-400	53700-400	400 FT	40 LB	53600-400
	53500-500	53700-500	500 FT	44 LB	53600-500
	53500-600	53700-600	600 FT	48 LB	53600-600
RUF Rod 3/8"	53500-700	53700-700	700 FT	52 LB	53600-700
	53500-800	53700-800	800 FT	56 LB	53600-800
	53500-900	53700-900	900 FT	60 LB	53600-900
	53500-1000	53700-1000	1000 FT	64 LB	53600-1000
	54000-200		200 FT	49 LB	54100-200
	54000-300		300 FT	55 LB	54100-300
	54000-400		400 FT	61 LB	54100-400
	54000-500		500 FT	67 LB	54100-500
RUF Rod 7/16"	54000-600		600 FT	73 LB	54100-600
	54000-700		700 FT	79 LB	54100-700
	54000-800		800 FT	85 LB	54100-800
	54000-900		900 FT	91 LB	54100-900
	54000-1000		1000 FT	97 LB	54100-1000
	56000-400	56200-400	400 FT	84 LB	56100-400
	56000-500	56200-500	500 FT	94 LB	56100-500
	56000-600	56200-600	600 FT	104 LB	56100-600
RUF Rod 1/2"	56000-700	56200-700	700 FT	114 LB	56100-700
	56000-800	56200-800	800 FT	124 LB	56100-800
	56000-900	56200-900	900 FT	134 LB	56100-900
	56000-1000	56200-1000	1000 FT	144 LB	56100-1000
	56000-1100		1100 FT	154 LB	56100-1100
	56000-1200		1200 FT	164 LB	56100-1200
	56000-1300		1300 FT	174 LB	56100-1300
RUF Rod 1/2"	56000-1400		1400 FT	184 LB	56100-1400
	56000-1500		1500 FT	194 LB	56100-1500
	56500-400		400 FT	96 LB	56600-400
	56500-500		500 FT	109 LB	56600-500
	56500-600		600 FT	122 LB	56600-600
	56500-700		700 FT	135 LB	56600-700
RUF Rod 1/2"	56500-800		800 FT	149 LB	56600-800
	56500-900		900 FT	162 LB	56600-900
	56500-1000		1000 FT	175 LB	56600-1000