

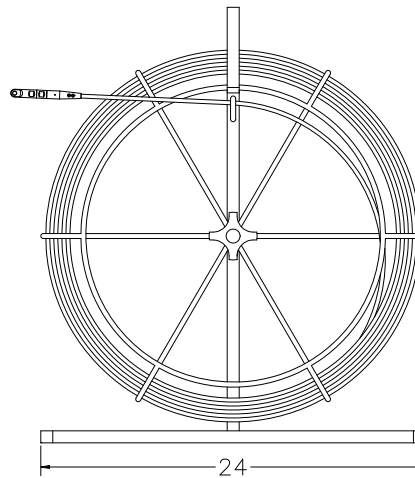
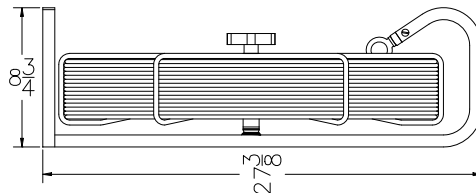
# OPERATING SPECIFICATIONS



## Design & Manufacturing Ltd.

### SERIES 52500 TUF ROD

- The duct rodder is intended for feeding through existing ductwork and pulling back a pull tape or pull rope.



Part Number	Rod Length	Rod Diameter	Core Diameter	Min Bend Radius	Accessory Thread	Net Weight
52500-150	150 ft	0.180" 4.6 mm	0.120" 3 mm	4" 102 mm	#12-24	10 lb 4.5 kg
52500-200	200 ft	0.180" 4.6 mm	0.120" 3 mm	4" 102 mm	#12-24	11 lb 5.0 kg
52500-250	250 ft	0.180" 4.6 mm	0.120" 3 mm	4" 102 mm	#12-24	20 lb 9.1 kg
52500-300	300 ft	0.180" 4.6 mm	0.120" 3 mm	4" 102 mm	#12-24	13 lb 5.9 kg
52500-350	350 ft	0.180" 4.6 mm	0.120" 3 mm	4" 102 mm	#12-24	14 lb 6.4 kg
52500-400	400 ft	0.180" 4.6 mm	0.120" 3 mm	4" 102 mm	#12-24	16 lb 7.3 kg
52500-500	500 ft	0.180" 4.6 mm	0.120" 3 mm	4" 102 mm	#12-24	20 lb 9 kg
52500-600	600 ft	0.180" 4.6 mm	0.120" 3 mm	4" 102 mm	#12-24	24 lb 10.9 kg

Dimensions and weights subject to change without notice.

For Standard Rodder units that do not include accessories, add "X" to the part number.

# OPERATING INSTRUCTIONS



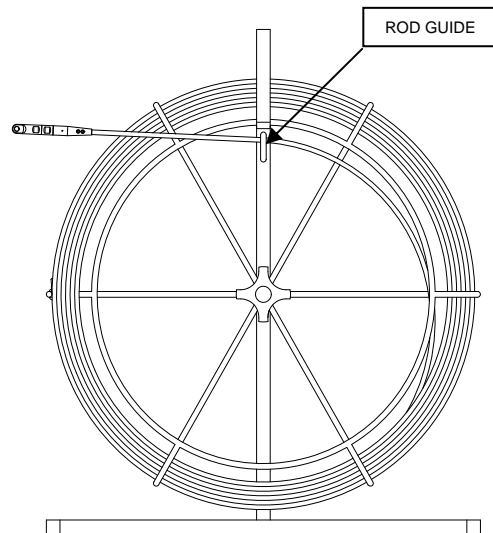
**Design &  
Manufacturing Ltd.**

**SERIES 52500 TUF ROD**



## INSTALLATION

1. Position the rod guide to feed the rod from the bottom or top of the cage depending on the location and orientation of the duct with respect to the tuf rod.
2. For horizontal runs several feet above ground level, feed from the top of the cage. For horizontal runs slightly above or below ground level, feed from the bottom of the cage. For runs several feet below ground level where the rod must be fed vertically down a manhole, feed from the top of the cage.
3. Feed the rod manually into the duct through to the far end of the duct. Use the brake handle as required to prevent rotation of the cage.
4. Attach the end of the rod to the utility being installed and pull back manually. The rod will recoil itself back into the cage.



## SAFETY



1. Never bend the fiberglass rod around a corner with a radius less than the Minimum Bend Radius specified in the Operating Specifications.
2. A large amount of energy is stored in the coiled fiberglass rod. Always maintain control over the free end of the rod when the brake is not applied.
3. Be prepared for the unexpected. Use recognized safety practices and wear recognized safety equipment.