

Steerable Storm Drain Tractor



The **Steerable Storm Drain Tractor** from RS Technical Services is a four-wheel drive steerable inspection vehicle with an elevation platform to raise and lower the camera viewpoint. The **Steerable Storm Drain Tractor** has the necessary power to pull 1000 feet of armored single conductor or 1500 feet of multi-conductor cable (distance will vary with line conditions).

The **Steerable Storm Drain Tractor** has three forward speeds and one reverse speed. It also features free wheel and stop modes. The tractor travel, lights, and elevation platform are controlled by RS Technical desktop or hand held controllers.

The **Steerable Storm Drain Tractor** is designed to transport RST's Omni Eye mainline cameras through storm drains and sewer lines ranging from 2 feet to 12 feet in diameter.

STEERABLE STORM DRAIN TRACTOR

PERFORMANCE

Model number 036-02000-00

Manhole access Minimum:	21 inches
Minimum pipeline size:	24 inches (recommended)
Maximum pipeline size:	Limited only by available lighting power
Recommended range:	Limited by cable weight and length
Normal pulling force:	Approximately 70 pounds
Maximum speed:	80 to 85 feet per minute
Minimum turning radius:	vehicle length (36 inches)
Minimum camera viewpoint camera height:	14 inches (with Omni Eye Zoom camera)
Maximum camera viewpoint camera height:	36 inches (with Omni Eye Zoom camera)

DESIGN INFORMATION

Power requirement:	90 to 120 volts from camera cable
Motor type:	Permanent magnet, 90 volt D.C.
Drive system:	4-wheel drive
Drive type:	Internal gear train
Steering system:	Tractor style
Steering type:	Drive and brake
Tire size:	11-inch diameter pneumatic high traction (standard)
Camera mount:	Elevation platform
Lighting system:	Dual 35 watt light heads with adjustable mounts

PHYSICAL INFORMATION

Length:	36 inches
Width:	15 inches
Height:	15 1/2 inches (with elevation platform fully lowered)
Weight:	100 pounds (approximately)

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