

# M100



**Our Cable King.**

The TRIC formula puts big power in a small footprint, and the M100 is the most formidable example of that formula. Easement projects with limited access are natural candidates for the M100. Ideal to replace or upsize 6" to 12" sewer mains, the M100 will also replace other utility lines of various materials and sizes.\* This unit can be operated by connecting to the auxiliary hydraulic circuit of a backhoe or similar piece of field equipment, or by using a TRIC-approved portable hydraulic pump.

## SPECIFICATIONS

### Pulling Force:

85 US tons @ 4300 psi (296 BAR)\*\*

### Piston Area:

39.27 square inches (253.35 cm<sup>2</sup>)

### Suggested Flow Rate:

15 to 40 GPM (57–151 LPM)

### Cable Sizes:

1.125" and 1.25" (28mm and 32mm)\*\*

### Puller Weight & Dimensions (Retracted):

350 pounds (43" L x 10" D x 14" W)

159 kilos (109cm L x 25cm D x 36cm W)

### Standard 18" Pulley Base:

850 pounds / 386 kilos

(22" L x 18" W x 28" H @ top plate)

(56cm L x 46cm W x 71cm H @ top plate)

### Resistance Plate:

405 pounds / 184 kilos

(36" x 36" x 1.375" / 91cm x 91cm x 3.5cm)

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\* Ground conditions and pipe materials vary, and are critical to successful project planning. Also, bursting & splitting heads are specific to the type of pipe being replaced.

\*\* The cable is the limiting factor in maximum pulling force, in combination with the diameter of the pulley base wheel. Our strongest cable for the M100 is 1.25" compact swaged (CS) wire rope with a test strength of 103 US tons. This rating is reduced by at least 15% when pulling with the M100 18" diameter pulley base. Please consult with TRIC technical support for the safe and optimal use of your system.

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