



THE BULLET™ PIPE SPLITTING TOOL



The Bullet™, manufactured by McElroy Inc. of Tulsa, Oklahoma, USA is a trenchless technology pipe splitting tool used mainly for the rehabilitation of existing Gas and Water Distribution mains and services. The Bullet™ operates in conjunction with conventional rod pulling equipment. Its function is to split and expand the existing pipe, and pull back a new plastic pipe in one simple operation.

Bullet™ Tools are available in a variety of sizes ranging from 1½" to 6". Larger sizes up to 12" are currently under development.

The Bullet™ is designed to operate on a variety of pipe materials including steel, ductile iron, cast iron, plastic and vitrified clay. It also splits through most compression couplings, flanged fittings, repair sleeves, service tees and screw couplings.



MAJOR FEATURES

- Splits most pipe materials
- Uses existing rod push/pull machines
- High pulling forces are not required
- Easy to operate and maintain
- Robust and simple construction
- All parts replaceable site
- Robust and simple construction

(Continued overleaf)

The company follow a policy of continuous product development and as such reserves the right to make alterations to equipment and techniques without prior notice.

PIPE EQUIPMENT SPECIALISTS LTD

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Certificate Number: 1253

WP/TIS/BUL/999F

THE BULLET™ PIPE SPLITTING TOOL

DESIGN FEATURES

Roller Cutter Wheels which increase in size along the length of the Bullet™ allow it to progressively split through pipe and fittings.

The patented Expander provides the option of pulling back a size-for-size polyethylene pipe or by using additional Expanders allows the operator to upsize at the same time.

The patented Guide Rollers provide positive 'tracking' of the tool and prevent internal rotation of the tool as the pipeline is split, thus reducing the risk of damage to other utilities.

Bullet™ Pipe Splitters are suitable for use with all existing conventional rod pulling equipment. The use of rod pullers keeps tooling costs low and allows installation lengths in excess of 100 metres per pull. The Bullet™ easily cuts through at maximum rod puller speed.

Bullet™ Tools are designed for long life with minimal maintenance. All components are manufactured from the highest quality hardened steel alloys for durability. The Cutter Wheels are made of high strength hardened shock resistant tool steels for unmatched toughness. There is a minimum of moving parts and all parts are field replaceable ensuring maximum tool utilisation and minimal down time.

ADVANTAGES

The Bullet™ eliminates the need for conventional trenching when replacing mains and services. This speeds the process of pipe rehabilitation and restoration and results in less down time for utility users.

Bullet™ Tools which were originally designed to split steel pipe have now been developed for use on ductile iron. They are also extremely functional on a wide variety of other materials as mentioned above.

The Bullet™ can be used with all existing rod push/pull machines. The design ensures that pulling forces are kept to a minimum allowing the use of smaller rod push/pull machines that would normally be required.

Bullet™ Tools do not require internal or external impact devices to support the splitting operation. This helps keep tooling costs low.

The Bullet™ does not require licensing agreements. It is marketed with a one-time purchase price. When splitting all materials, except for cast iron, use of Bullet™ Tools does not require royalty payments to be made.

GUARANTEE

McElroy Manufacturing Inc. guarantees these tools to the original purchaser against workmanship and material defects for one (1) year from date of purchase.

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