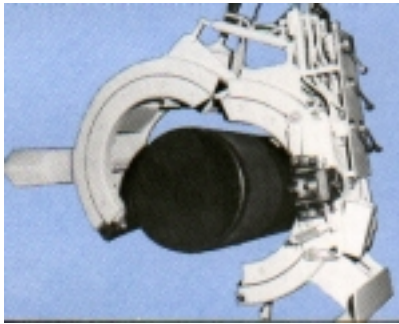




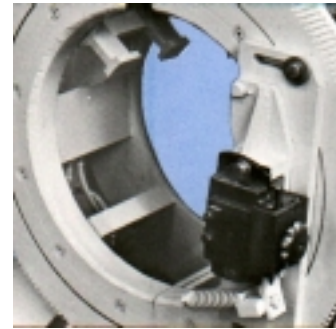
Porta-ToolsTM

Porta-Cutter[®]

The **Porta-Cutter** cold cuts and bevels all types of pipe from 2 inches to 60 inches in diameter. A rigid frame and precision-feed cutting head make the **Porta-Cutter** the most reliable tool of its kind on the market. In worldwide use, each tool cuts and bevels simply and quickly on land or offshore, even underwater, if required.



Split-Frame Design



Designed For Simple Operation

The **Porta-Cutter** allows cutting into a line without access to an open end. The **Porta-Cutter** frame and gear are split so that they may be scissored open, then closed, and locked around a line. MK II and larger machines, are opened and closed hydraulically.

Safe Operation Is Ensured

Proper operation of the **Porta-Cutter**, within the bounds of good judgement, permits safe operation, even in cutting a pipe, which contains or has contained, a flammable substance. The **Porta-Cutter** blades cut cleanly, when proper cutting fluid is used, without sparks or excess heat.

Designed For Simple Operation

The **Porta-Cutter** is ruggedly designed for simple operation with high quality performance. All machines, except the smallest in the series, feature automatic clamping and centering to help ensure a consistently high quality cut and bevel finish. In operation, the **Porta-Cutter** establishes concentricity of the machine and pipe outside diameter with hydraulic actuated clamps forcing the pipe against precision machined rigid clamps.

Simple, Flexible Pipe Size Change

Fixed upper clamp shoes are mounted on a rotatable shaft, allowing all models to cover 4 sizes of pipe. To change pipe size, the operator need only remove two locking bolts, turn the rotatable faces to select the desired size, and replace the bolts.

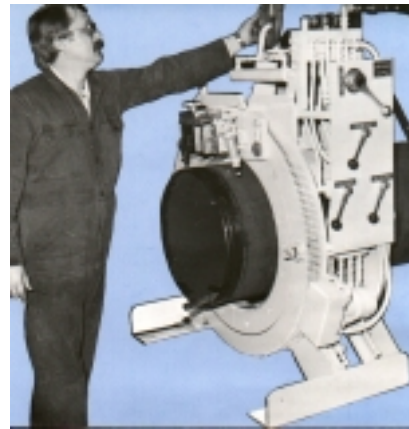
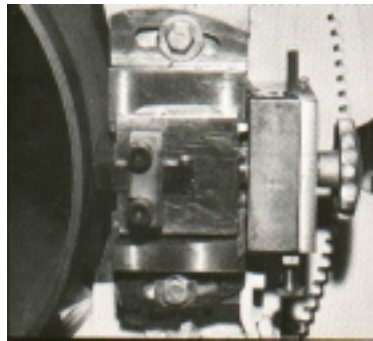
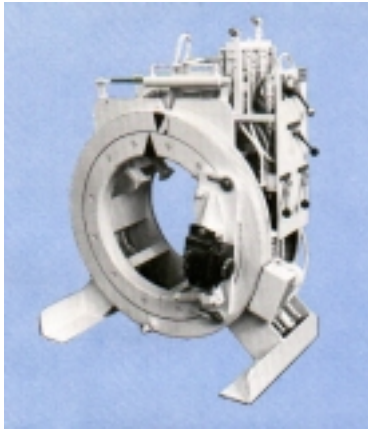
Cuts And Bevels In One Operation

The **Porta-Cutter** simultaneously parts and bevels the pipe to provide the ideal surface for optimum pipe welding. The machine is designed and built to cut and bevel the proper contour with the highest quality bevel finish on pipes of any alloy and of varying thickness.

An automatic out-of-round compensating feature permits the tool to follow the contour of the pipe, even when there is ovality present. Automatic tool feed permits non-jam operation resulting in longer tool life on all types of metals, including HK-40 and Monel.

Unique Non-Feed Mode

The **Porta-Cutter's** unique feed system automatically shifts the tool feed mechanism into a temporary non-feeding mode, thus minimizing jamming, or binding of the blade. Should such problems develop, the preset cutting pressure exerted on the register roll is overcome and the cutting unit automatically shifts into a non-feed mode. When normal cutting pressures are restored, the tool resumes the cutting process.



1. Rugged design allows easy transportation and use along out of plant pipelines.
2. Split-frame design for use when access to end of pipe is not available.
3. Automatic clamping and centering.
4. Cover 4 pipe size ranges with simple operator changes. (Increased range option)
5. Spark-free, low-heat operation.
6. Automatic overload protection by means of automatic non-feed mode.
7. Cold cuts and bevels pipe in one operation.
8. Handles all types and wall thickness, including the toughest of alloys.
9. MK II and larger are hydraulically driven.
10. Remote operation option

Size Ranges:

MK II	—	8" - 14"
MK III	—	16" - 22"
MK IV	—	24" - 30"
MK V	—	30" - 36"
MK VI	—	36" - 42"
MK VII	—	42" - 48"
MK VIII	—	48" - 54"
MK IX	—	54" - 60"

Special size combinations and larger sizes available on request.

Porta-Tools

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