

HIGH CAPACITY JACKING FRAME, MINIMAL DIAMETER SHAFT

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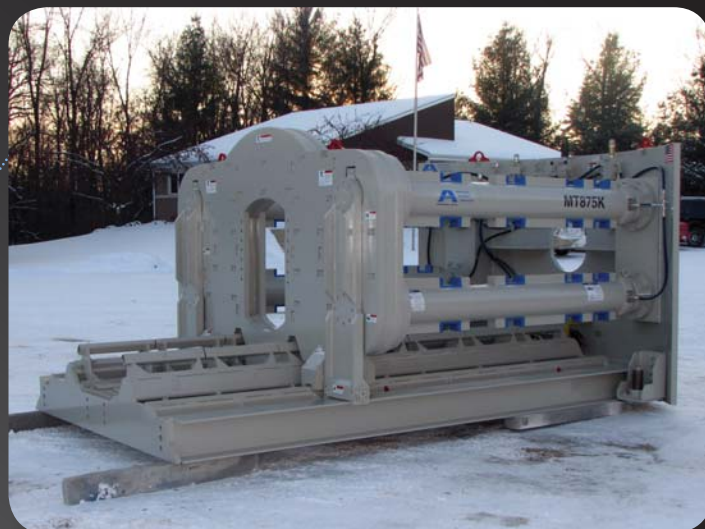
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Akkerman Inc. of Brownsdale, MN manufactured its second microtunneling keyhole jacking frame, the MT875K for Michels Pipeline Construction. The first keyhole frame, the MT860K, was manufactured in early 2007 for Super Excavators. Akkerman is currently producing a MT890K, also for Super Excavators, and an MT8102K for Nada Pacific.

The MT875K keyhole jacking frame is designed to operate out of an 18' diameter shaft, and features up to 800 tons of thrust capacity at 8,500 pounds per square inch (psi), while advancing pipe with a maximum O.D. of 75". The MT860K keyhole jacking frame will operate out of a 16' diameter shaft, and features up to 800 tons of thrust capacity at 8,500 psi while advancing pipe with a maximum O.D. of 60".

The MT890K keyhole jacking frame will operate out of a 20' diameter shaft, and features up to 800 tons of thrust capacity at 8,500 psi, and will advance pipe with a maximum O.D. of 90". The MT8102K keyhole jacking frame features up to 1,200 tons of thrust capacity at 8,500 psi and advances pipe with a maximum O.D. of 102". All frames are able to push 10' of laid length pipe sections, expanding for longer lengths with add-on components and a larger shaft size. The keyhole frame utilizes keyed blocks in order to continuously advance the machine. The thrust block wall is pulled back to the retracted position with an in-line hydraulic winch. The thrust block wall also features a laser guidance system notch to protect and ensure the accuracy of the bore. All the keyhole jacking frames allow the customer to operate a high capacity jacking frame out of a minimal diameter launch shaft.



In 1973, Akkerman Inc. in Brownsdale, MN began providing tunnel boring machines to meet the needs of the trenchless market. Today Akkerman Inc. sells and leases new and used microtunneling, pipejacking, tunneling, guided boring and earth pressure balance equipment. Akkerman not only manufactures quality trenchless equipment, they have built a reputation for superior reliability and responsive service through a team of experienced engineers, field technicians and a large parts department. For information on how they can assist your project please visit www.akkerman.com or call 800.533.0386.

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