

UNIFIED™ JACKING SYSTEMS



Modern Hydraulics manufactured the first commercially viable Unified™ jacking machines in the mid-1950s in Canada. The very first machine that was sold is still in use by Nickel Brothers House Moving.

Unified™ jacking machines mechanically synchronize the travel of multiple jacks so that they extend equally regardless of the load on each jack. There can be 15 tons on one jack and 15 pounds on another and they will raise the load at exactly the same rate.

Our Unified™ jacking machines range in size from the smallest 4-jack unit all the way up to the world's largest 120-jack model.

For decades the machines have used needle valves to control the oil flow but now you have the option of ball valves which make for faster and more reliable operation. With ball valves you can tell at a glance if a valve is open or closed by the position of the handle. We are introducing electronic controls where the operation of the machine is done via a remote touch screen which replaces the conventional control panel, increasing operator productivity and overall safety while jacking.

Power for our Unified™ jacking machines comes from the economical and reliable range of Honda gasoline engines, with the option of John Deere diesel engines for greater oil output and faster operating speed.

We can build machines with mirror-image gauge panels which allows one operator to control two machines sitting side-by-side giving you the ability to combine two smaller machines when necessary for a large job while maintaining the convenience of two smaller machines for everyday use. With our electronic controls you can operate two machines with one touch screen.

Our machines feature rugged, simple designs and first class components.

Whatever your need in a Unified™ jacking system or machine, Modern Hydraulics can make it, and make it right!



FROM THE PAST...



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**Celebrating over 50 years of supplying
the structural moving industry**

Specifications subject to change without notice

...INTO THE FUTURE!

