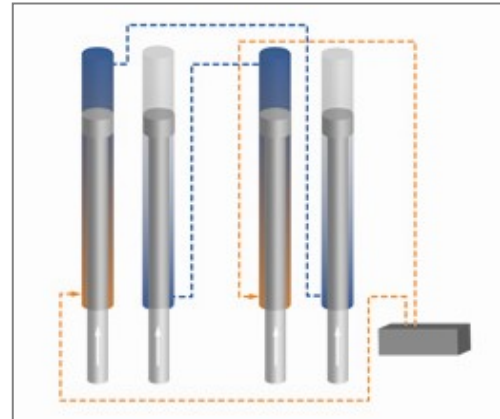


Nussbaum Unique Technologies

NT

Nussbaum's own NT technology is a two independent crossed-cylinder master & slave hydraulic system that guarantees safe lifting and lowering operations, as well as a reliable synchronization of the automotive lift.

The proven redundant NT-safety system of Nussbaum makes safety latches and separate balancing system obsolete.



NT Technology Products

- Jumbo Lift (Low Profile Double Scissor)
- Uni Lift (Wheel Alignment Scissor)

NT Features

- Double hydraulic system makes mechanical synchronization ropes and safety ratchet obsolete
- The load is safely locked without mechanical safety ratchet in any height
- The fully hydraulic system requires neither electronic nor pneumatic element
- The integrated oil-submerged motor provides a silent operation
- Slides and pivot points are essentially the only service points



NT Operation

Hydraulic Oil is pumped to the bottom of the master cylinder and the oil at the top of the master cylinder is then forced into the slave cylinder on the opposite side at the same rate. This occurs on the other independent circuit except crossed around. Each circuit is independently capable of holding the load. In the event of a circuit failure, the lift is able to be lowered but not raised.



Construction of the cylinder system controls the descent speed and secondary mechanical locks only activate when the platforms go beyond the limit of out of balance should a problem occur.

NT Installation

Both the Jumbo Lift and Uni Lift units can be installed above ground or in-ground. Units arrive tested and almost fully assembled so the installation process is very simple.

NT Calibration

NT system is performed easily by lowering the hoist to approximately 200mm without load, opening the specified valves and holding the lowering button for approximately 10 seconds. Lower the hoist to ground and re-close the valves to complete calibration.