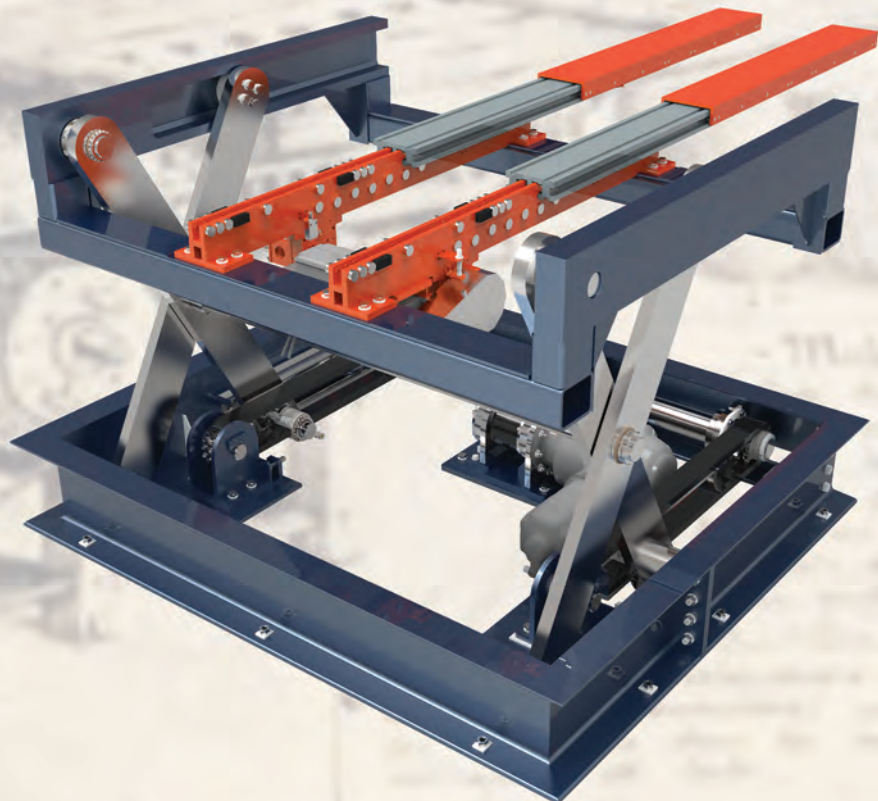


LHD[®]

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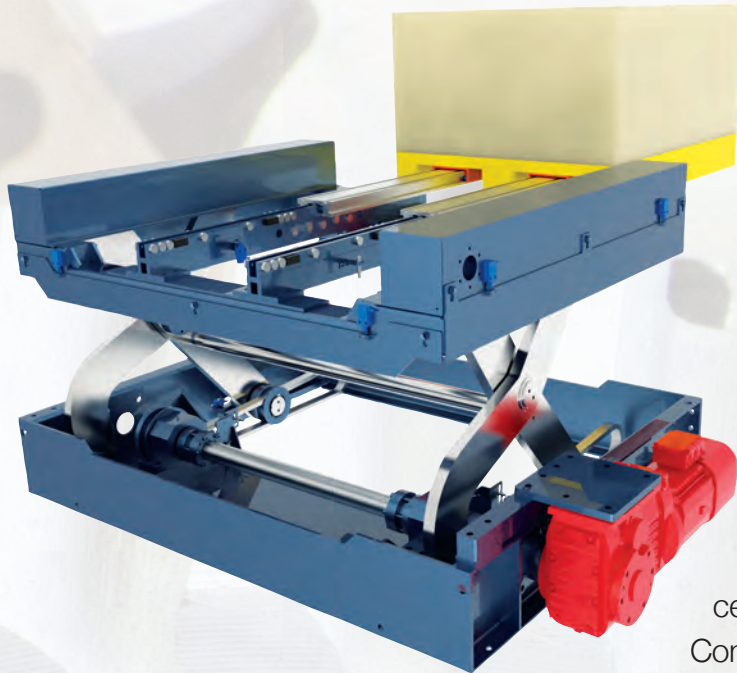


TITAN SCISSOR LIFT



2020-TT-02





TITAN SCISSOR LIFT

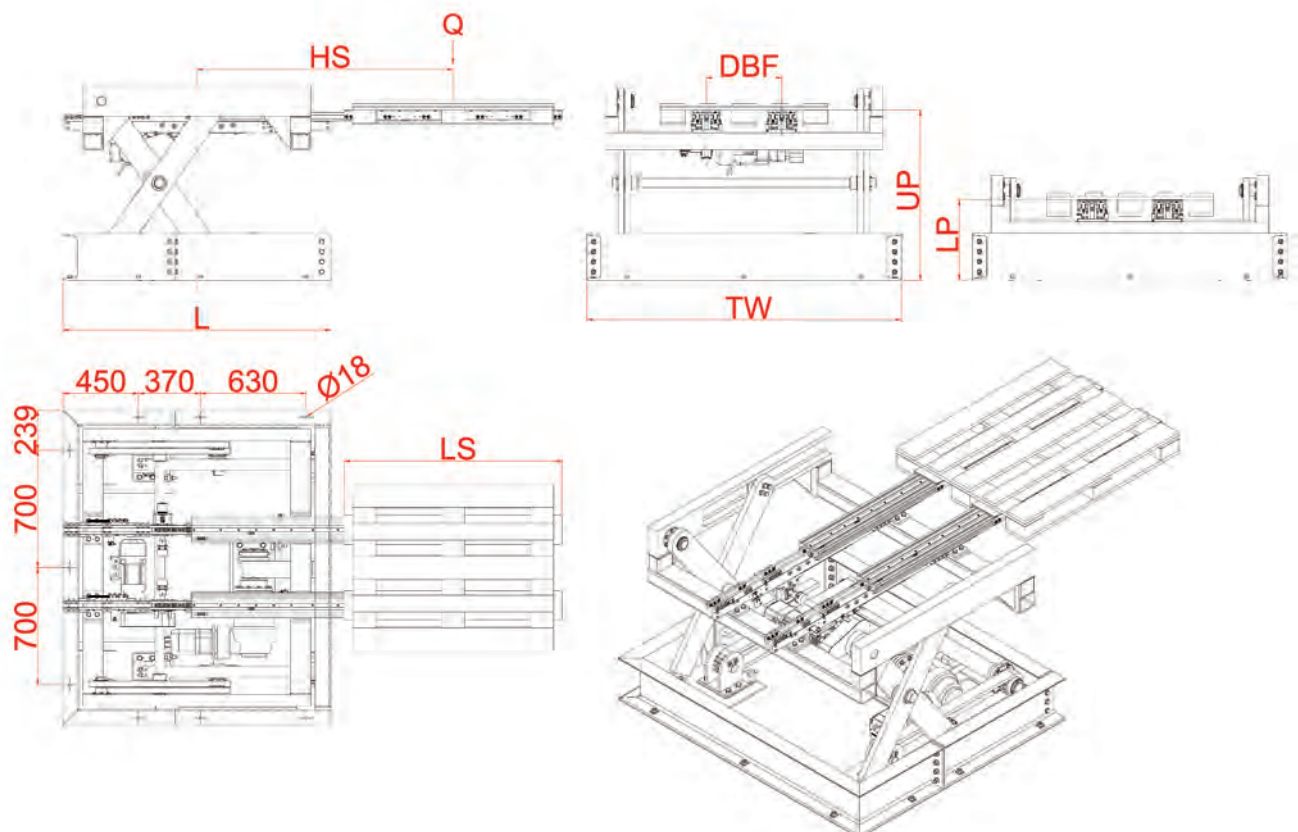
Our TITAN is the king of LHD's lifting devices. Just like its smaller brothers, the TITAN is fully electrically driven; this device allows users to raise loads up to 2000 kg with a vertical stroke of up to 1000 mm, way more than the average 150 mm of the cam-driven ATLAS X1 series.

The TITAN is a new concept of scissor lift: all of the now-existing machines of this kind need the centre of gravity of the load to fall within their footprint. Conversely, this remarkably robust and sturdy equipment has been specifically designed to lift heavy payloads

whose centre of gravity is located outside the footprint of the device. Thanks to its patented solution, the TITAN requires half the torque other machines need, hence smaller gear motors.

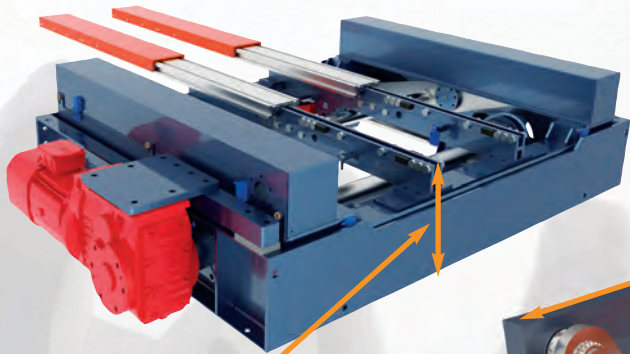
VERSION	Q LOAD (KG)	LP MINIMUM LOADING HEIGHT (MM)	T SINGLE STROKE TIME (SEC)	S MAX LIFTING STROKE (MM) *
TITAN X1	2000	380	8	600
TITAN X2	1500	500	12	1000

* the data in this table are approximate and may vary depending on the model of the used forks and the application of the machine





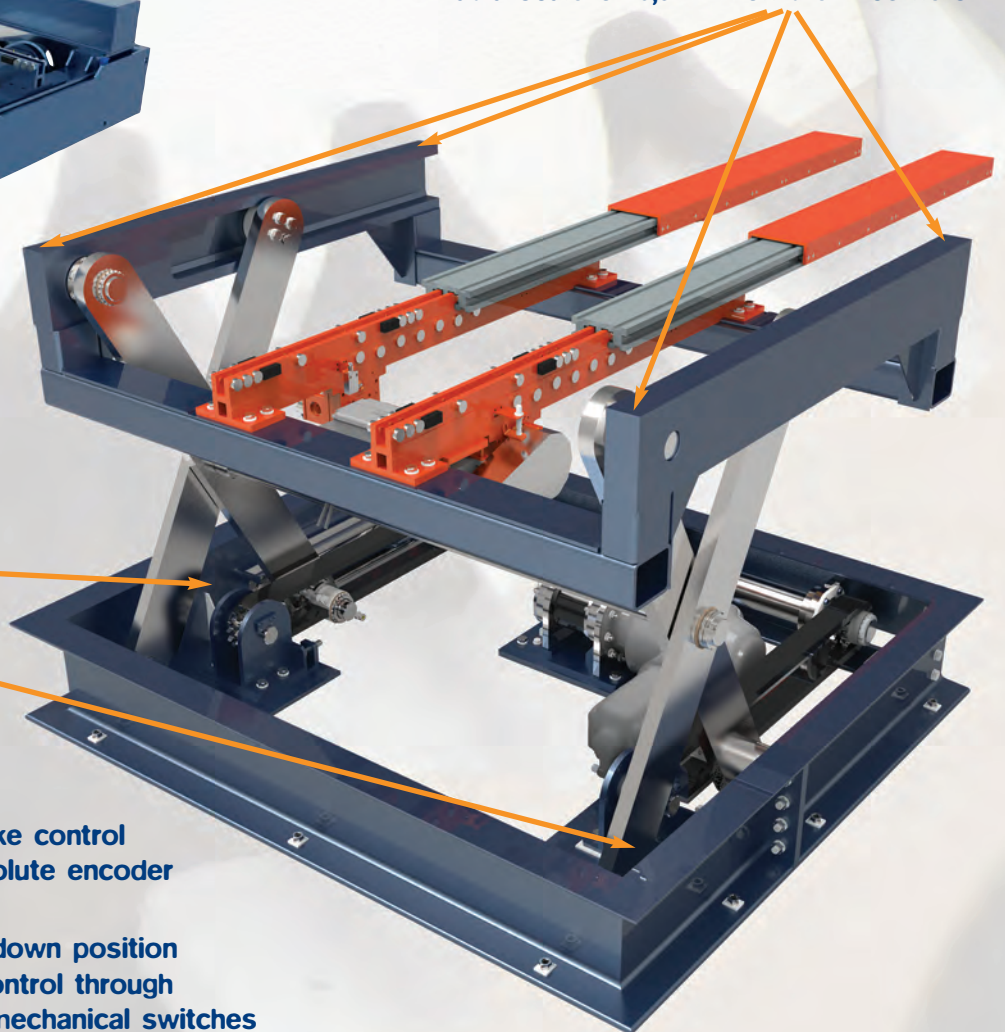
payloads up to 2000 kg, with centre of gravity falling out of the device footprint



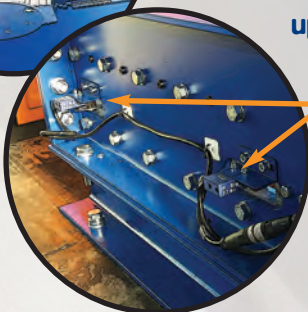
minimum height of 380 mm between floor and loading surface

lifting movement through high-resistance parts in 39NiCrMo4 and big-size rollers

motion of the lifting frame with a coplanarity accuracy at a scale of 0,5 mm on the 4 corners



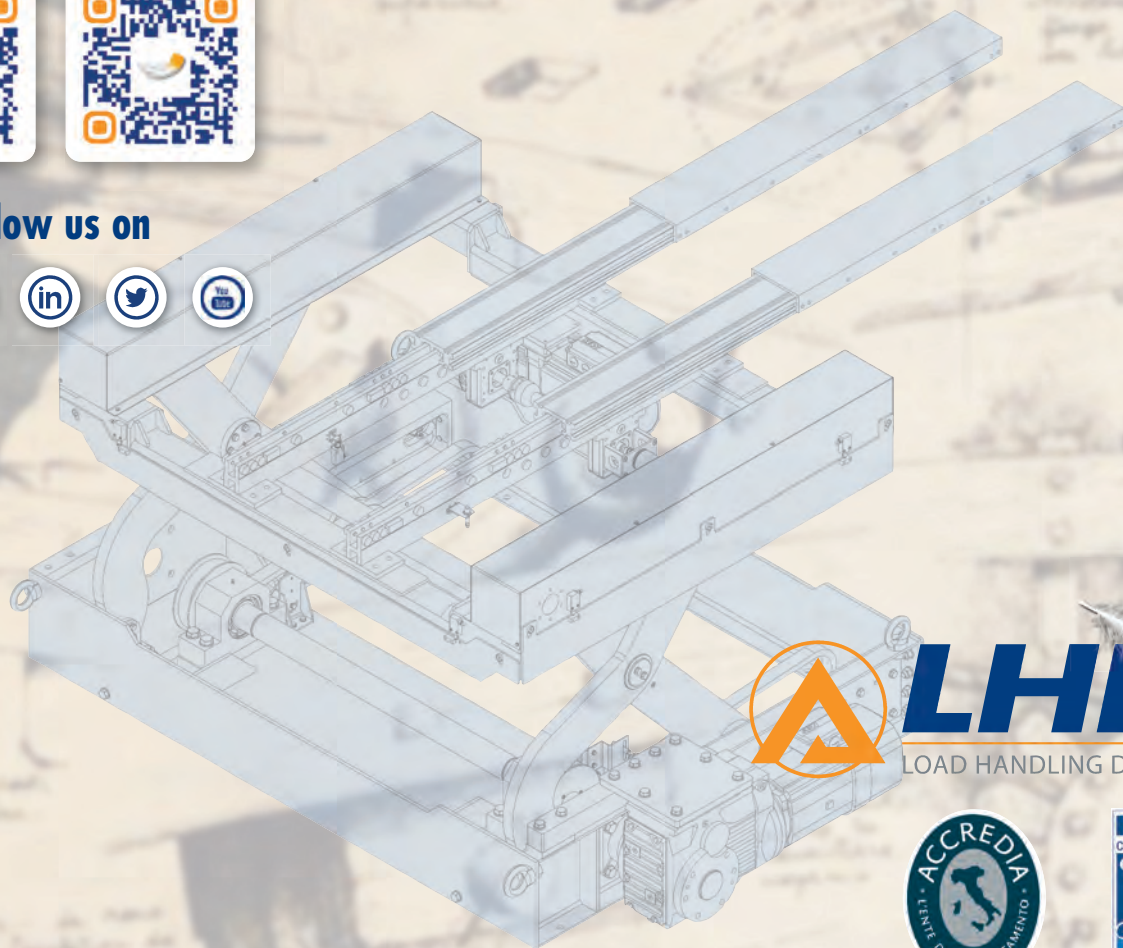
vertical stroke control through absolute encoder



up/down position control through mechanical switches



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