

LL+LL40

BALANCE BEAM AND C CLAMP

Balance rod with C clamp for efficient frame manufacturing

Lahti Levy's balance beam with C clamp is the result of long-term Finnish, customer-oriented development work. Modern hydraulics, new body structures, and optimised material use provide our customers with the best solution on the market.

The LL BALANCE BEAM/LL 40 C CLAMP has the appropriate efficiency for compressing all sizes of frame connection. It is very easy and fast to suspend the device from the roof track with forklift prong tubes, and the same is true for connecting the clamp to the body with multi-pin and hydraulic snap-on connectors. The customer will need to supply the roof track, either INB 200 or 240, attached to the roof structure and the power track system.

Advantages and benefits of the LL balance beam

Forklift prong tubes in the beam body	» Easy and safe installation
Body and clamp that are connected with multi-pin and hydraulic snap-on connectors	» Fast installation and maintenance
Sufficiently large hydraulic container	» Good cooling, with no foam
Intermediate suspensions within the frame	» Rapid operation
Very good weight/power ratio	» Easy handling
The largest presser plate on the market	» Good reach
User-specific, stepless height adjustment for drive handles	» Good ergonomomy
Fixed and high suspension shaft in the clamp	» Smooth operation
Adjustability of the clamp's management device	» Good ergonomomy
Clamp's safety beams and suspension safety wires	» Good occupational safety
High-power piston pump	» Durability and good adjustability

Technical specifications

Length	5320 mm
Width	600 mm
Height	1000 mm
Weight with hydraulic oil + clamp	760 kg + 260 kg = 1020 kg
Container size	160 l
Electric engine power	7.5 kW
Pump output	80 l/min at 40 bar and 12 l/min at 200 bar
Compression force	40 tons
Top plate depth	500 mm
Top plate width	470 mm
Riser height	182 mm
Colour	RAL 7024 grey
Two speeds in each direction	Hydraulic drive engine

