ABB have developed an ACB lifting truck with easily interchangeable adaptors to allow for use with all ABB Emax Air Circuit Breakers. This allows a single operator to safely remove or insert a breaker of any frame size where it previously took two, or in some cases, special lifting equipment to carry out such an operation.

**Easy Breaker Removal/Insertion**

The ACB lifting truck is easily maneuvered in underneath the withdrawn circuit breaker. The lifting device is then partially raised to allow the vertical location lugs to slot into the existing recesses within the steelwork of the breaker. Once the ACB lifting truck has taken the weight of the breaker on the specially designed, angled lifting channel, the safety pins are screwed by hand into the steelwork of the breaker.

The breaker is then easily and safely removed from the board with a quick tilt and pull motion, again by a single operator.

For insertion the process is simply repeated in reverse.

The screw-in safety pins make sure the breaker is secure at all times whilst situated on the lifting device.

Note how vertical location lugs and safety pins fit into steel work of ACB (ACB components removed for clarity).
Scissor Lift for single/double stacked ACB’s on lower main busbars.

The Lifting Truck comes with interchangeable fixing channels in four different lengths for E1/E2, E3, E4 & E6 Emax ACB’s.

Two safety pins screwed in by hand are all that’s required to keep the ACB securely attached to the Lifting Truck, whilst still allowing the breaker to be tilted for removal and insertion.

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