The ARCO Dolly

...some more details

Beautiful mechanics

...and accessories

Thanks to quite a number of sophisticated details, operating with an ARCO Dolly is very user-friendly.

For example, the pushbar (optional) can be mounted simply by insertion.

Depending on the requirements of shooting there are different types of platforms available. Here the ARCO low platform is shown.

For a quick change from operating on tracks to operating on terrain, MovieTech also offers pneumatic wheels combined with track wheels.

Technical data

Max. camera mount height (without risers) 65 in. / 164 cm
Max. camera mount height (with 90° plate) 35 in. / 89 cm
Min. payload 150 lbs. / 68 kg
Max. basic lift (fully charged) 85 in. / 216 cm
Chassis max. length (fully extended) 46 in. / 117 cm
Min. chassis length before transportation 16 in. / 41 cm
Chassis width – legs at 0° position 30 in. / 76 cm
Chassis width – legs at 45° position 25 in. / 63 cm
Turn radius R: 34 in. / 86 cm
Compressed air charging time (empty to full) ca. 70 sec.
Carrying weight 132 lbs. / 60 kg

Unlimited freedom of creativity

The ARCO Dolly System

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MovieTech
The ARCO Dolly System

The ARCO Dolly is a hydraulic lift camera dolly characterized by superior stability and operability. Manoeuvrability and versatility make the dolly unique. Thanks to the optimized production- and test methods the ARCO dolly is sturdy and guarantees performance in all climate conditions.

The sturdy double hydraulic lift arm is driven via an electrically compressed air chamber. Alternatively the chamber can be manually recharged by a hand-up footpump. The pump stops automatically after recharge, a safety device prevents any damage by overpressurizing.

The ARCO dolly offers an extremely smooth-operating steering system. By lightly twisting the turning-handle of the steering bar you will be able to switch between the different steering modes (crab, round, conventional) even during operation. Steering interlock can be made at any time thanks to a rotating assembly at the base of the steering column.

Mounting plate

Without removing the camera, the mounting plate enables camera positions from -45° up to +90° (with 45° grading). Without accessories, a range of camera heights from 40 cm (15.7 in) to 114 cm (44.9 in) is possible. By using accessories, these values can either be increased or reduced.

Pic. 1: Rotatable mounting plate
Pic. 2: Standard platform
Pic. 3: Low platform (Mitchell 90° on the mounting plate)
Pic. 4: Platform plate
Pic. 5: Steering bar with handle for switching the steering modes
Pic. 6: The fold-away seat arm prevents the lift arm from damages by unintentional moves.