

BLACKTEC AIR RIG SPECIFICATIONS

The Black-Tek AirRig is a professional camera rigging system that utilizes an advanced motorized vacuum suction mechanism. Developed by the German company Black-Tek, this system is widely used in the film and television industry to quickly and securely mount heavy camera packages onto flat surfaces, specifically moving vehicles (such as hoods, doors, roofs, or side panels).

Specifications & Key Components

Component	Function & Features
Intelligent Vacuum System	Continuously monitors air pressure. If it detects any pressure loss, it automatically activates the pump to restore the vacuum, ensuring the cups never detach.
AirRig Pump	Operates on standard industry batteries (V-Mount or Gold Mount). It only draws power when it needs to pump out air.
AirRig 3 & 4 Plates	Rigging structures that distribute the load across 3 or 4 suction cups simultaneously through a single connection to the pump. The AirRig 4 version features a built-in tilt plate.
Modular Kits	Typically available in two main configurations: the Camera Kit (optimized for fast camera placement on the front or side of a car) and the Grip Kit (a "grip truck in a box" containing speed rails, VariClamps, and specialized pins).

Key Advantages

Fast Setup: Allows crew members to complete complex vehicle rigs in under 5 minutes.

Active Safety: The electronic monitoring eliminates the common risk of manual pump cups losing suction mid-take without the crew noticing.

Angle Versatility: Thanks to the articulated joints and tilt plates, it replaces heavy traditional rigging, enabling dynamic shots close to the ground.