ACE Agito

The Agito is a remote-controlled buggy that, in combination with stabilized remote heads such as the Shotover or Newton Head, opens up unimagined and diverse possibilities for use in a wide variety of environments on almost all surfaces. The AGITO remote camera platform uses top of the range motors and electronics to allow smooth motion from a slow crawl up to high speed, even in the same shot, without any gear change. The system can run 360 degrees continuously and is completely RF (both dolly and stabilized head).

In comparison to other dolly vehicles, both axles of the Agito can be controlled, which ensures that the optimal steering properties are identical in both directions when changing direction. The buggy can also run on standard rails. Camera movements can be programmed, saved and played back using the “Master Pro” control unit. When fitted with Sports ends your AGITO becomes the world’s first multi-terrain robotic dolly system. While ideal for filming sports, this set up is perfect for all types of film making. With four-wheel drive, adjustable suspension and top speeds of 32 mph, it can revolutionize any production. Agito is a versatile partner for both film, live broadcast or sports productions.

Our mounting solutions give you a variety of different options for attaching your payloads. You can stabilize through rough terrain at high speed with the V-Con Pro, raise the camera to new heights with the AGITO Tower or use your own rigging using the fixed Mitchell Plate. In addition to the V-Con and Tower variable lens height mounting options, ACE has modified the Agito to ride on a monorail for more exacting and accurate smooth dolly moves around curved stages. The monorail system is a small 1”x1” track, easily adaptable to any stage and takes only minutes to rig. We find that working on entertainment the safest and most efficient solution for any tracking system is to have the dolly “captured”.

With two independent motors, the AGITO has more than enough power to quickly move heavy payloads up to 32kg and has enough torque to move even heavier payloads with ease, even at slow speeds. The AGITO uses encoded motors to enable the highest precision possible and allows recordable movements.

The benefit of having so much torque is the ability to smoothly control slow speeds. So as well as going fast the AGITO also has a minimum speed of only 1cm/s which makes it perfect for long hyperlapses, slider shots, and studio filming.

Agito MagTrax

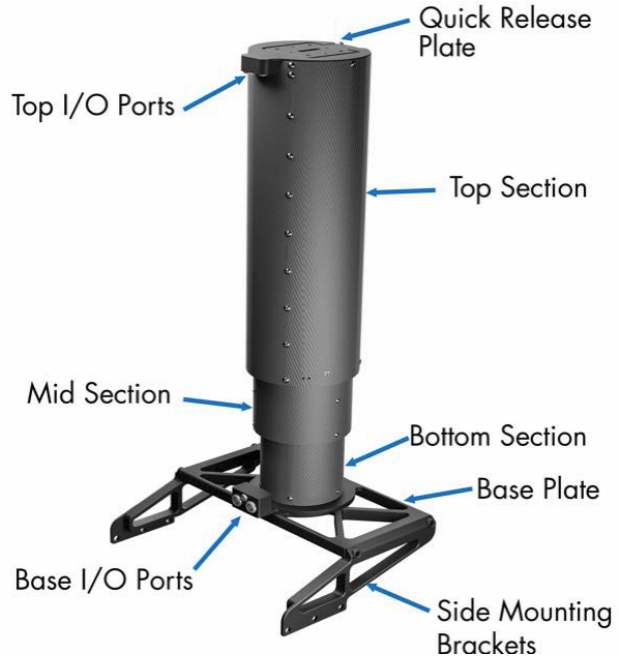
MagTrax enhances the existing Sports drive-ends enabling customers to follow a magnetic strip laid on a surface, underneath a carpet or embedded within a set. The magnetic strip can be arranged in various creative ways beyond what you can do with a regular track.
AGITO MagTrax enables a combination of curves and can move seamlessly from one strip to another. The AGITO will autonomously follow each path while freeing up camera movement control for single operator capability. The MagTrax can accommodate payloads of up to 40-200 lbs. Stabilized riding on magnetic tape. MAGTRAX is the best of both free-roaming and fully tracked systems.

Key features of MagTrax

Magnetic strip guided system for discreet tracked applications using either laid or set-embedded.
The tape can lay out quickly during set up and be reset almost instantly.
The same maneuverability as free-roaming with guaranteed repeatable movement.
Automatic speed control concerning straight or curved tracks.
Bumper, collision detection, and automatic e-stop.

ACE Agito Monirail

The Agito is a remote-controlled buggy that, in combination with stabilized remote heads such as the Shotover or Newton Head, opens up unimagined and diverse possibilities for use in a wide variety of environments on almost all surfaces. The ACE Agito can roam freely or can follow a magnetic strip laid on a surface, underneath a carpet or embedded within a set (MagTrax). We have also created the ACE Monorail mounting solution.
ACE has modified our Agito to ride on a monorail for more exacting and accurate smooth dolly moves around curved stages. The monorail system is a small 1”x1” track, easily adaptable to any stage and takes only minutes to rig. The system can run 360 degrees continuously and is completely RF (both dolly and stabilized head). Sometimes using a “captured” dolly is the safest and most efficient solution working on stages.
We couple the ACE Agito with the ACE Newton S2 Stabilized Head and/or Shotover.
The Newton stabilized head is also RF. Production would supply camera, lens and RF for video.
Here is a recent link that would show you the tower riding on the Agito free-roaming. ACE has modified the Agito to ride on monorail for more exacting and accurate smooth dolly moves around curved stages. The system can run 360 degrees continuously and is completely RF (both dolly and stabilized head).



ACE Agito with Tower

ACE Agito Lens Height with Tower and Newton Stabilized Remote Head – 48.5” in Low Position

ACE Agito Lens Height with Tower and Newton Stabilized Remote Head – 76” in High Position

Apx. Travel Stroke Distance of 27.5”

Diameter of the tower is 18.9cm (7.44”). Stage gap needs to be 25cm (9.8”)

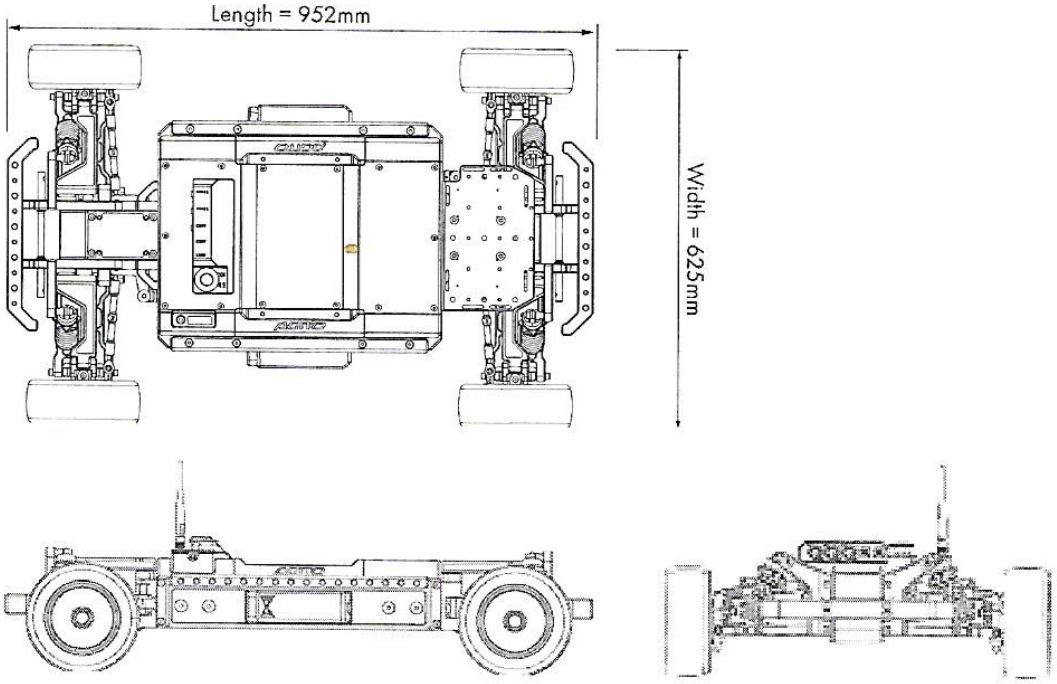
ACE Monorail

Lowest position 78cm/Highest position 148cm. (without Mitchell or any other mount/head)

EXAMPLE DIMENSION DIAGRAMS

IMPORTANT: Exact dimensions are specific to the modular configuration, the examples below are used for reference only.

SPORTS DRIVE-END, WITH DOLLY / MULTI-TERRAIN WHEEL



SPORTS DRIVE-END, WITH MONSTER WHEEL