

# Seilkamera

Eine **Seilkamera**, auch **Spidercam**, **Skycam**, **Seilbahnkamera** oder **Kameraseilbahn** genannt, ermöglicht es, eine auf einem Kamerawagen befestigte Film- oder Fernsehkamera entlang von gespannten Seilen zu bewegen.

## Aufbau und Funktionsprinzip

Eine Film- oder Fernsehkamera wird an der Unterseite eines Kamerawagens befestigt. Meist wird zusätzlich ein stabilisierter Kamerakopf verwendet, um einerseits ein Verwackeln der Aufnahmen zu vermeiden und um andererseits, zusätzlich zur Bewegung des Kamerawagens, auch die Kamera selbst bewegen zu können. Mit Hilfe von gespannten Seilen, die im Regelfall an Kränen befestigt werden, kann der Kamerawagen nun bewegt werden. Je nach Aufbau des Systems reichen die Bewegungsmöglichkeiten von Fahrten entlang einer Achse, z.B. eine horizontale Fahrt, bis hin zu dreidimensionaler Bewegungsfreiheit. Die Steuerung des Systems erfolgt grundsätzlich ferngesteuert vom Boden aus, wobei Kamera und Kamerawagen separat bedient werden. Die Bildübertragung erfolgt per Funk oder in den Führungsseilen verarbeitete Glasfaserkabel.

## Einsatzbereich

Eine Seilkamera ermöglicht spektakuläre Kamerafahrten über weite Strecken hinweg, in großer Höhe, in unwegsamem Gelände und erlaubt es dennoch, nah am Objekt zu bleiben. Sie kommt daher dort zum Einsatz, wo Helikopter, Kamerakran oder Dolly an ihre Grenzen stoßen. Beliebte Einsatzbereiche sind Spielfilme und Live-Events (z.B. Open Air-Veranstaltungen, Sportübertragungen,...).

## Einsatzbeispiele

- *Soy Cuba - I am Cuba* (1964): Ein bemerkenswertes Beispiel für den frühen Einsatz eines Seilkamerasystems stellt die Anfangsszene des Films dar, in der die Kamera quer durch ein Hotel hindurch, über eine Menschenmenge hinweg und schlussendlich hinab in einen Swimmingpool fährt. Hierfür wurde nicht, wie man vermuten könnte, die Kamera an Seile gehängt, sondern mehrere Kameramänner, die entlang der Seile gezogen wurden und die Kamera immer weiter reichten.
- *Resident Evil* (2002): Der Schlussshot zeigt die Protagonistin, wie sie eine Pumpgun lädt. Die Kamera bewegt sich nach oben von ihr weg und gibt einen Blick auf die ausgestorbene Stadt frei.
- *Troja* (2004): Die langen Fahrten über das Schlachtfeld wurden mit einem zweidimensionalen Seilkamerasystem verwirklicht.
- Bei den Olympischen Spielen 2008 in Peking wurden mehrere Spidercams eingesetzt.



Eine SkyCam HD bei einer Football-Übertragung in den USA.



Die Kamera ist an mehreren Seilen befestigt.

## **Hersteller von Seilkamera-Systemen (Auszug)**

- *Cablecam* (USA)
- *CAMCAT* (Österreich)
- *Spidercam* (Deutschland und Österreich)

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