



IBAK KW 305

## IBAK KW 305/505

### **Cable Reels**

- Fully automatic motor-driven cable reels
- For up to 500 m (1640 ft.) of camera cable
- Traction-regulating device
- Automatic cable level wind system
- Swivel boom
- Steel rope winch

# IBAK KW 305/505



The IBAK KW 305 and the IBAK KW 505 are fully automatic, motor-driven cable reels and hold up to 300 m / 984 ft. (KW 305) or 500 m / 1640 ft. (KW 505) of camera cable. Both reels are designed for operation with IBAK cameras and camera tractors. The IBAK LISY camera tractors can also be connected - together with the LISY winches - to either one of the cable reels. The IBAK optoscanners PANO-RAMO and PANORAMO SI can be operated with the KW 505 (with FO cable).

The integrated traction-regulating device co-ordinates camera tractor and cable reel operation: the cable is paid out and rewound onto the reel in accordance with the speed of the camera tractor. This intelligent regulating system prevents the camera tractor from running over the camera cable and at the same time ensures that the camera tractor reverses at a uniform speed.

The swivel boom enables exact positioning of the camera system over the manhole. The camera system can then be lowered safely and accurately into the manhole with the steel rope winch as the integrated workplace light provides optimum illumination of the manhole opening.



▲ IBAK KW 305/505, Foot switch for steel rope winch

The automatic cable guide device ensures that the camera cable is wound evenly onto the reel.

If the control unit BS5 is used, the user can take advantage of the autostop function. This stops the camera tractor automatically at freely definable positions when it is moving in reverse direction and this is particularly useful when it is approaching the entry manhole: a further example of the great user-friendliness of IBAK inspection systems.

## System Technical Data:

### Cable reels KW 305/505

- Swivel boom
- Deflection pulley with integrated length measuring system
- Length indicator
- Steel rope winch
- Remote control
- Halogen workplace light

### Cable reel KW 305

- Width / height / depth: 500/780/720 mm (19.69/30.71/28.35 in.) without the boom
- For up to 300 m (984 ft.) of camera cable

### Cable reel KW 505

- Width/height/depth: 550/860/900 mm (21.65/33.86/35.43 in.) without the boom
- For up to 500 m (1640 ft.) of camera cable

## Accessories:

- Cable deflection unit to deflect the camera cable (boom-manhole)
- Xenon workplace light
- Foot switch for operation of the steel rope winch
- PANORAMO SI positioning pulley (KW 505)



▲ IBAK KW 305/505, Cable deflection unit for manholes that are difficult to access



▲ IBAK KW 505, PANORAMO SI positioning pulley



IBAK Helmut Hunger GmbH & Co. KG  
Wehdenweg 122 · 24148 Kiel · Germany  
Tel./ Fax +49 (0) 431 7270-0 / -207

[www.ibak.de](http://www.ibak.de) [info@ibak.de](mailto:info@ibak.de)

QUALITY MAKES THE DIFFERENCE