



IBAK HSP



Coiler

Coiler frame with wheels and transport handle
"Magic Push Rod" and Cable length: max. 60m (200 ft.)
Connector for HYDRUS 2, JUNO, ORION, ORION L
MODULAR I compatible

IBAK HSP



IBAK HSP 40 and **HSP 60** are manual reels and hold 40 and 60 m / 120 and 180 feet of IBAK "Magic Push Rod" respectively. This semi-rigid pushrod with a good grip provides exceptionally long push lengths and unique bend-negotiating capability. A cable equalising amplifier for high picture quality and a length measuring device are installed in the coilers. The coiler can be optionally supplemented with a TFT monitor and connected to MODULAR 1 cable winches with an extension cable kit.

System Technical Data

- Pushrod with connector (resistant to usual constituents of municipal wastewater, pressure-watertight connector)
- Cable equalising amplifier for video picture processing
- Integrated length counter
- Length counter outputs
- Transport handle on coiler frame

IBAK HSP 40

- Cable length: 40 m (approx. 130 ft.)
- Width / height / depth: 400/700/580 mm (15.76/27.58/22.85 in.)
- Weight with pushrod: 20 kg
- Extendable push handle

IBAK HSP 60

- Cable length: max. 60 m (200 ft.)
- Width / height / depth: 400/900/680 mm (15.76/35.46/26.79 in.)
- Weight with pushrod: 24 kg



IBAK HSP reel brake



IBAK HSP connector detail



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



IBAK KT



Cable Reel / Cable Winch

Manually operated cable reel or
synchronised motor driven cable winch
Camera cable length: max. 133 m (400 ft.)
including 33 m (100 ft.) of propulsion tube
Special cable reel or winch for LISY operation
MODULAR I or II compatible



IBAK KT 220 is a reel and **KT 300 SM** is a synchronised motor driven cable winch for operation with IBAK LISY and both hold 133 m / 400 feet of camera cable with an additional IBAK "Magic Push Rod". In combination with IBAK LISY, this semi-rigid pushrod with a good grip provides exceptionally long push lengths and unique bend-negotiating capability for lateral pipe inspection. An equalising amplifier ensures high picture quality.

System Technical Data

IBAK KT 220

- Cable reel
- Camera cable 133 m (400 ft.) cable type: 209/08 including 33 m (100 ft.) of propulsion tube; resistant to usual constituents of municipal wastewater, pressure-watertight connector
- Width / height / depth: 518/560/320 mm (20.41/22.06/12.61 in.)
- Weight with 133 m (400 ft.) of cable: 31.5 kg
- Protection class: IP 54



IBAK KT 300 SM

- Synchronised motor driven cable winch
- Camera cable 133 m (400 ft.) cable type: 209/08 including 33 m (100 ft.) of propulsion tube; resistant to usual constituents of municipal wastewater, pressure-watertight connector
- Width / height / depth: 700/550/990 mm (27.58/21.67/39 in.)
- Weight with 133 m (400 ft.) of cable: 96 kg
- Protection class: IP 54
- Power requirement: 230 VAC, 400 W or 110 VAC



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



IBAK KT 180



Cable Winch

Electrically supported winding device

Camera cable max. 200 m (660 ft.)

With wheels and transport handle

Cable guide device

MODULAR I compatible

IBAK KT 180



IBAK KT180 is a portable, motor driven cable winch for the MODULAR I System. It can hold up to 200 m / 660 feet of camera cable. A cable equalising amplifier for high picture quality and a length measuring device are integrated in the cable winch. The drive motor and a manual winding device help the operator to level wind the cable. For mobile operation, the cable reel is equipped with wheels and a foldable transport handle.

System Technical Data

- Camera cable max. 200 m (660 ft.) cable type: 316/11 ; PUR sheath, resistant to usual constituents of municipal wastewater, pressure-watertight connector
- Cable equalising amplifier for video picture processing
- Width / height / depth: 310/610/670 mm (12.21/24.03/26.4 in.)
- Weight without cable 18 kg; weight with 180m (580 ft.) of cable: 31 kg
- Length counter dm, feet
- Adjustable cable guide device
- Length counter input and output
- Emergency stop

Accessories

- Remote control



IBAK KT 180 cable holder



IBAK KT 180 manual winding device with up and down function



IBAK KT 180 additional control unit plug station



IBAK KT 180 foldable handle



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



IBAK KW 180



Cable Winch

Motor driven camera cable winch
Camera cable max. 200 m (660 ft.)
Separate folding boom
Automatic level wind
MODULAR I compatible

IBAK KW 180



IBAK KW180 is a stationary, motor-driven cable winch and holds up to 200 m / 660 feet of camera cable. The powerful motor and an automatic winding device ensure level winding of the camera cable. A cable equalising amplifier for high picture quality and a length measuring device are integrated in the cable winch. On the boom with a deflection pulley, a workplace light can be installed. The cable winch can be operated from the rear vehicle section with the additional control unit.



IBAK KW 180 additional control unit

System Technical Data

- Camera cable max. 200 m (660 ft.) cable type: 524/11 ; PUR sheath, resistant to usual constituents of municipal wastewater, pressure-watertight connector
- Cable equalising amplifier for video picture processing
- Width / height / depth: 330/520/630 mm (13/20.49/24.82 in.) (winch only)
- Weight without cable 28 kg; weight with 180m (580 ft.) of cable: 41 kg, (winch only)
- Protection class: IP 54
- Length counter dm, feet
- Power requirement: 230 VAC, 150 W or 110 VAC
- Remote control
- Emergency stop

Accessories

- Workplace light
- Folding boom



IBAK KW 180 with length measuring device and plug stations



IBAK KW 180 with automatic level winding device and powerful motor



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



IBAK KW 305

Cable Winch

Motor driven camera cable winch
Camera cable max. 300 m (1000 ft.)
Integrated boom with winding device
Automatic level wind
Traction regulating device
MODULAR I compatible

IBAK KW 305



IBAK KW 305 is a stationary, motor-driven cable winch and holds up to 300 m / 1000 feet of camera cable. The powerful motor and an automatic winding device ensure level winding of the camera cable. A cable equalising amplifier for high picture quality and a length measuring device are integrated in the cable winch. On the boom with a deflection pulley, a workplace light can be installed. With the additional control unit, the cable winch and the additionally installed steel rope winch for easy, safe introduction of the camera tractor can be operated from the rear vehicle section. The integrated traction regulating device ensures optimum performance of the camera tractor in all operating conditions.

System Technical Data

- Camera cable max. 300 m (1000 ft.) cable type: 524/11 ; PUR sheath, resistant to usual constituents of municipal wastewater, pressure-watertight connector
- Cable equalising amplifier for video picture processing
- Width / height / depth: 500/780/720 mm (19.7/30.73/28.37 in.) (without boom)
- Weight without cable 77 kg; weight with 300 m (1000 ft.) of cable type 524/11 : 105 kg
- Protection class: IP 54
- Length counter dm, feet
- Power requirement: 230 VAC, 150 W or 110 VAC
- Remote control
- Emergency stop



IBAK KW 305 with boom and integrated pulley, traction regulating device, additional workplace light



IBAK KW 305 with length measuring device



IBAK KW 305 with automatic level winding device and powerful motor



IBAK KW 305 additional control unit for winch and lift



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