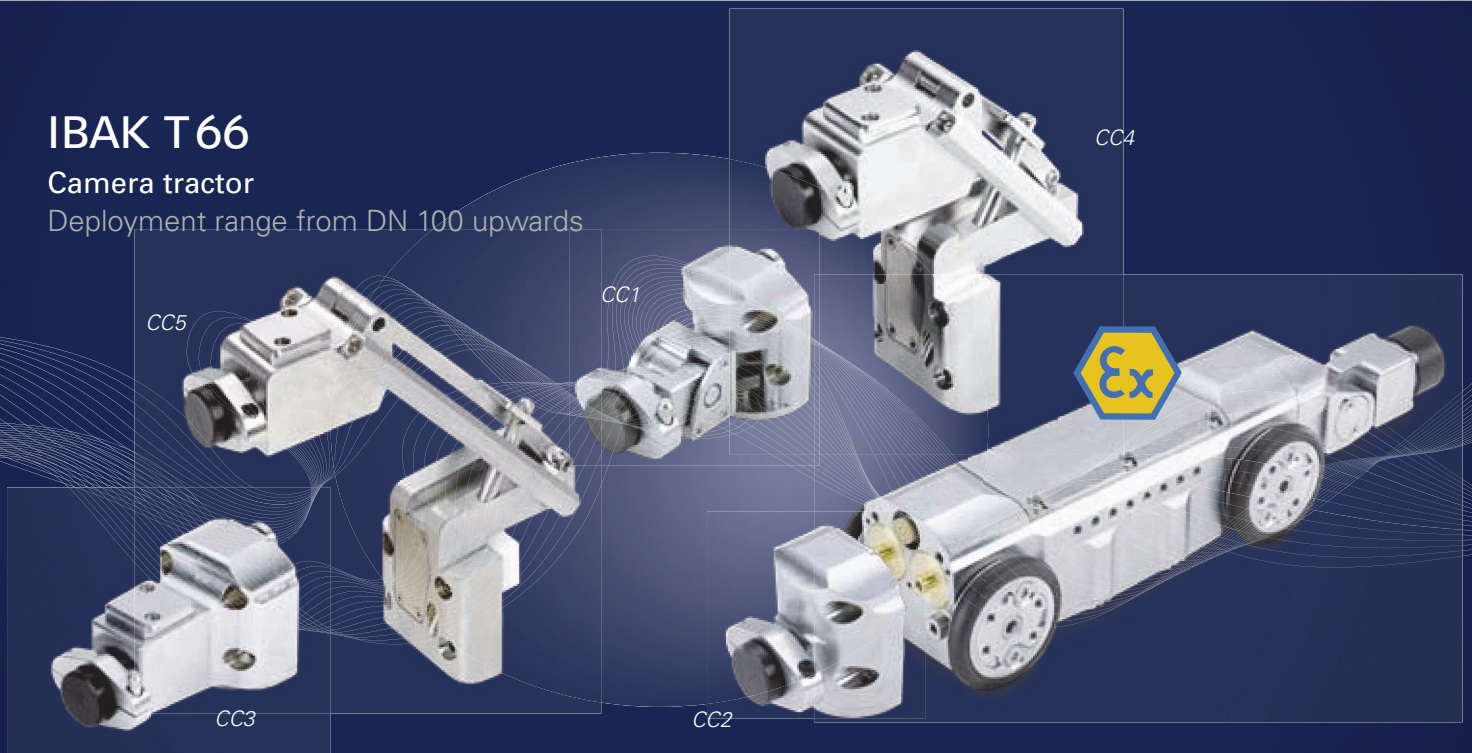


IBAK T 66

Camera tractor

Deployment range from DN 100 upwards



IBAK T66 is a versatile camera tractor for the inspection of pipes from DN 100 upwards. It can either be used as a portable inspection system or for extending an existing camera tractor system.

Different camera connections, wheel sets and a camera tractor attachment make it possible to configure T66 for different requirements in an optimal way. It is equipped with the modular IBAK camera connection so that all IBAK cameras can be operated with T66. Even in connection with the two larger zoom cameras like ORPHEUS or ARGUS 5, a high stability and traction is achieved.

In narrow spaces T66 copes in combination with the camera connection CC1 that can be panned and folded. Because the folding connector for the camera cable can also be moved horizontally and vertically, the camera tractor can be easily inserted into any pipe from DN 100 upwards, also through compact manholes as well as maintenance openings.

In larger pipes the use of an additional light is recommended. Even larger pipe diameters are easily mastered by T66, if equipped with the tractor attachment FW 66. The use of FW 66 is recommended for DN 300 upwards and is easily mounted.

T66 contains an electronic stabilisation function (ATC = **A**utomatic **T**ilt **C**ompensation). This function ensures active overturn protection and lets the tractor drive safely in the pipe invert.

Because of the modular design of T66 and the use of only one tool for the conversion of individual components, there are short set-up times for the pipe adaptations which allows for efficient working.

Full performance with a portable system

Combined with the IBAK pan and rotate camera ORION, the cable reel KT 180 and the control box BK 3.5.1, the camera tractor T 66 is a powerful, compact, portable inspection system.

Extension of an existing tractor system

The power spectrum of the existing IBAK tractor systems is extended with the addition of the camera tractor T66 as the T66 makes pipe inspections from DN 100 upwards possible.



1.



2.



3.



4.



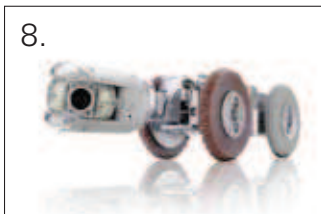
5.



6.



7.



8.

1. T66 with CC2 and ORION
2. T66 with CC3, ORION, tractor attachment FW 66, additional light ZSW 65 and pneumatic tyres
3. T66 with CC2, ORION and granulated wheels
4. T66 with CC2, ORION and profiled wheels
5. T66 with CC4, ORION, additional light ZSW 65 and additional weight
6. T66 with CC4, ORION, additional light ZSW 65 and tractor attachment FW66
7. T66 with CC2, ARGUS 5 and tractor attachment FW66
8. T66 with CC1, ORION and mixed tyres

Technical system data

Deployment range	from DN 100 upwards
Weight	approx. 9 kg (with wheel rim 93 and CC2)
Steering function	yes
Speed	continuously adjustable
Folding connector	bends horizontally and vertically
Protection class	IP 68
Pressure monitoring	2 integrated pressure sensors ¹⁾
ATC ²⁾	yes
Explosion-proof	optional

Combinable with

IBAK cameras	ORION, JUNO [ORPHEUS, ARGUS]
IBAK camera connections	CC1 (pivoted and hinged), CC2 (fixed), CC3 (for additional light operation), CC4/CC5 (vertically adjustable and for additional light operation)
IBAK cable winches	KT 180, KW 180, KW 305, KW 310, KW 505
IBAK control systems	BK 3.5.1, BS 3.5, BS 5, BS 7

Accessories (optional)

Tilt measurement	yes
Temperature measurement	via temperature measurement module
Additional weights	mechanical (from DN 150 upwards)
Additional light	ZSW 65
Wheel sets	rims and tyres to optimally suit nominal diameters, pneumatic tyres, granulated wheels, profiled wheels
Camera tractor attachment	FW 66 (from DN 300 upwards)
Back-eye camera	RETRUS, from DN 100 upwards
Height adjustment	yes, via camera connection CC4/CC5
Camera connections	various, for different deployment purposes

- 1) LCD indicator and acoustic alarm in the control unit
 2) ATC = Automatic Tilt Compensation = electronic stabilisation function