

technos B

True operating comfort with vivid color display and comprehensive features.



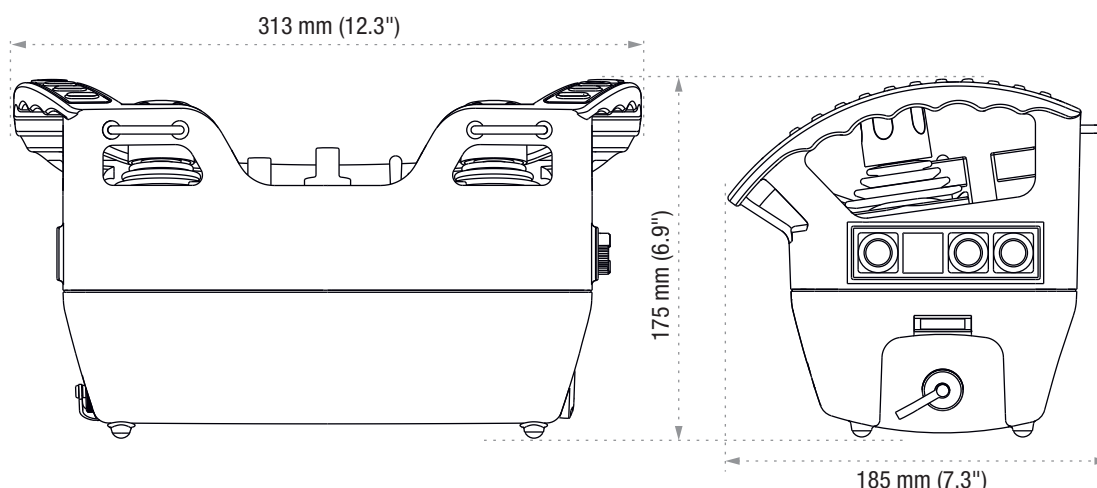
Scale 1:2

Quality in Control.



Technical data

Radio transmitter	technos B		
Combined with	FSE 503 / 507 / 510 / 511 / 512 / 516 / 524, FSE 726 / 727 / 736 / 737 / 776 / 777 radiobus®		
Control concepts	Point-to-point operation, catch-release, tandem operation, pre-selection of trolley / hoist; cable option		
Operating elements	Up to 3 joysticks or up to 8 linear levers; combination of push buttons, toggle switches, rotary switches (maintained / spring- return) and other operating elements; a total of 7 one-step push buttons on the sides; radiomatic® iCON for display navigation; 6 push buttons located over the display for display navigation and for quick access to pre-defined functions <i>Optional:</i> joysticks with integrated button; z-axis switches for the simultaneous control of 3 drives		
Control functions	Up to 40 control functions (on / off); up to 8 analog functions for joysticks / linear levers; 2 additional analog functions, e. g. for potentiometer switches; additional control functions available through the display (softkeys)		
Indication	LED / acoustic signal / transmitter vibration: operating status, battery status		
Safety	E-STOP: PL d category 3 according to EN ISO 13849-1:2015 Protection from unauthorized use: activation via HBC start-up sequence or merlin® TUC Auto Power Off: automatic deactivation of the transmitter after 15 min without command input Auto Movement Off: automatic deactivation of movement functions after 5 min without command input		
Enhanced safety functions	radiomatic® shock-off / zero-g / inclination switch, front panel lighting, flashlight <i>Optional:</i> access control with merlin® TUC, radiomatic® infrakey, micro / orthogonal drive, two-step enabling switch, radiomatic® touch-to-activate, shut-down on implausible control commands		
Feedback to the operator	Data, information and warnings via 3.5" color TFT display <i>Optional:</i> radiomatic® photon = feedback of video signals to the 3,5" color TFT display; information and warnings via 4 LEDs and / or transmitter vibration; 1 additional LED for warnings		
Service concept	radiomatic® iLOG, radiomatic® ADCON		
Frequency ranges	ISM bands	Channel spacing	Radiated power
	country-specific use: 405 – 475 MHz 865 – 870 MHz 902 – 928 MHz	12.5 / 25 kHz 25 kHz 25 kHz	max. 10 mW
	country-independent use: 2.4 GHz: 2402 – 2480 MHz	1 MHz	max. 100 mW
	country-specific use: DECT: 1790 – 1930 MHz	1.728 MHz	max. 250 mW
Frequency management	Manual frequency switch, radiomatic® AFS, Adaptive Frequency Hopping, DECT		
Antenna	Internal		
Battery technology	Rechargeable Li-ion exchange battery; continuous operating time: typically 20 hours; <i>optional:</i> radiomatic® CPS		
Charging time	< 5 h (typ.)		
Housing material	Plastic (PA6GF30)		
Dimensions / weight	313 x 185 x 175 mm (12.3" x 7.3" x 6.9") / 2.3 kg (5.1 lb.)		
Operating temperature	-20 °C ... +70 °C		
Protection class	IP 65		



technos B

The technos B is a high-performing, versatile radio control with a vivid 3.5" color display in an rugged ergonomic design. A wide range of available functions and features supports the optimum customization of this multitasking radio control.

Intelligent features at a glance:



Front panel lighting and flashlight

Operational visibility in darkness

These useful functions are always included and easily activated by a button or softkey.



radiomatic® photon

Safe working with camera assistance

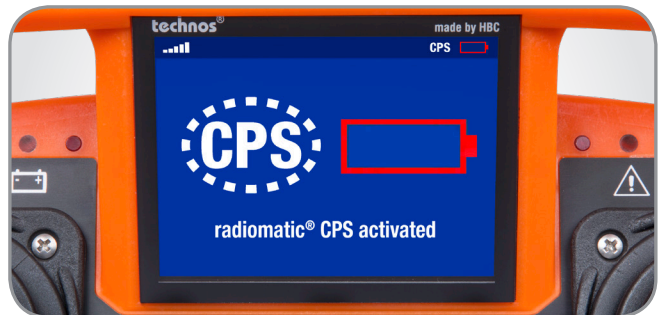
Video cameras mounted to the machine or to the working environment always provide the operator with a good view, even in complex environments or in blind spots.



Enabling switch with touch activation

Safe protection from unintended machine movements

To enable movement functions, the operator must first touch the rollover bar.



radiomatic® CPS (Continuous Power Supply)

Battery exchange without power interruption

This function lets the operator replace the battery without turning off the radio control. This allows for interruption-free machine operations and saves time.



Version with linear levers



Side view



Side view



Up to 3 joystick

in full-metal design,
alternatively up to 8 linear levers.

Display navigation

and quick access to frequently used
functions via 6 push buttons.

radiomatic® iCON

for display navigation.



Variety of HBC operating elements

in customized combination.

Aluminum front panel

with custom-made colored design.

Scale 1:2

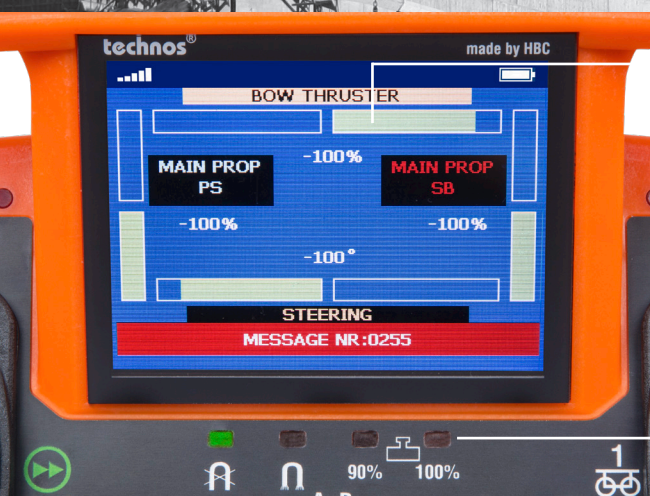
Feedback via color display

The vivid 3.5" color display provides critical machine data in addition to error notifications and warnings, e.g. in case of high engine temperatures or overload conditions.

Your advantages:

- Free choice of data, graphics and design
- Simple, intuitive menu structure
- Status bar with field strength and battery capacity indication
- Warnings and error notifications appear automatically

feedback via 4 LEDs



New: Li-ion battery,
optional with capacity gauge



radiomatic® iLOG for the quick
activation of a spare transmitter



Slidable hip belt for
comfortable handling

Quality in Control.