

# *technos B*

*True operating comfort with vivid color display and comprehensive features.*



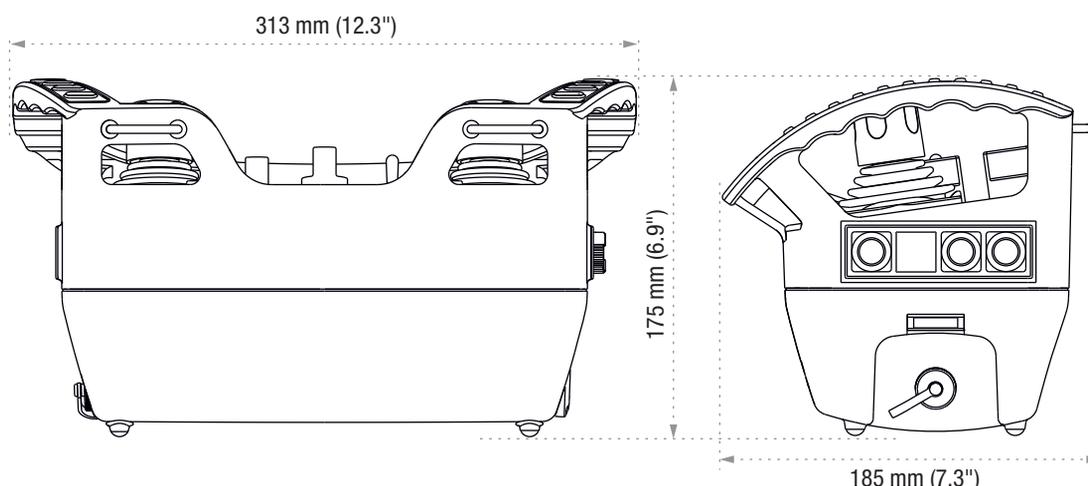
Scale 1:2

***Quality in Control.***



## Technical data

<b>Radio transmitter</b>	technos B		
<b>Combined with</b>	FSE 503 / 507 / 510 / 511 / 512 / 516 / 524, FSE 726 / 727 / 736 / 737 / 776 / 777 radiobus®		
<b>Control concepts</b>	Point-to-point operation, catch-release, tandem operation, pre-selection of trolley / hoist; cable option		
<b>Operating elements</b>	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		
<b>Control functions</b>	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)		
<b>Indication</b>	LED / acoustic signal / transmitter vibration: operating status, battery status		
<b>Safety</b>	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		
<b>Enhanced safety functions</b>	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		
<b>Feedback to the operator</b>	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		
<b>Service concept</b>	radiomatic® iLOG, radiomatic® ADCON		
<b>Frequency ranges</b>	<b>ISM bands</b>	<b>Channel spacing</b>	<b>Radiated power</b>
	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
<b>Frequency management</b>	Manual frequency switch, radiomatic® AFS, Adaptive Frequency Hopping, DECT		
<b>Antenna</b>	Internal		
<b>Battery technology</b>	Rechargeable Li-ion exchange battery; continuous operating time: typically 20 hours; <i>optional:</i> radiomatic® CPS		
<b>Charging time</b>	< 5 h (typ.)		
<b>Housing material</b>	Plastic (PA6GF30)		
<b>Dimensions / weight</b>	313 x 185 x 175 mm (12.3" x 7.3" x 6.9") / 2.3 kg (5.1 lb.)		
<b>Operating temperature</b>	-20 °C ... +70 °C		
<b>Protection class</b>	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

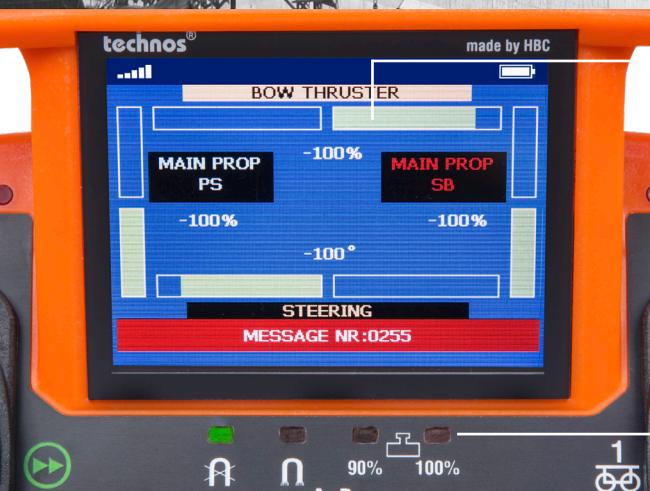
## Feedback via color display

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.