

### Product type



### Models

E17, E17z,  
E19, E20z

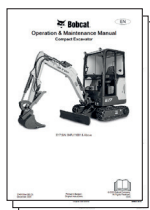
### Version

05-2021  
Rev. 1.1

## SAFETY FIRST!

### IMPORTANT

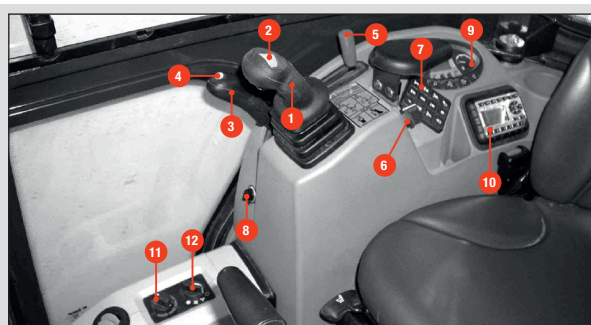
- This document **DOES NOT** replace the Operation & Maintenance Manual.
- You must read **ALL** safety and other instructions from the Operation & Maintenance Manual before operating, transporting or servicing this machine.






## MAIN MACHINE SPECIFICATIONS

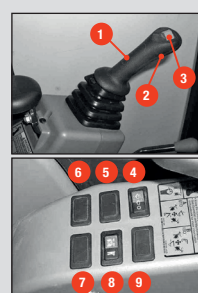
	UNIT	E17	E17z	E19	E20z
Operating weight with cab and bucket (ISO 6016)	kg	1711	1749	1885	2019
Transport mass (no attachment)	kg	1594	1632	1768	1902
Engine power (ISO 14396)	kW @ rpm	10.2 @ 2500	10.2 @ 2500	10.2 @ 2500	10.2 @ 2500
Digging force, std / long arm (ISO 6015)	N	9108 / -	9108 / -	10371 / 9279	10371 / 9279
Digging force, bucket (ISO 6015)	N	16177	16177	20835	20835
Drawbar pull	N	14334	19302	19380	19302
Travel speed (low/high)	km/h	2.1 / 4.3	2.7 / 4.2	2.7 / 4.2	2.1 / 4.2
Total hydraulic capacity	l/min	32.5	41.3	41.3	41.3
Max. digging depth (std / long arm)	mm	2249 / -	2249 / -	2385 / 2565	2385 / 2565
Max. digging reach (std / long arm)	mm	3919 / -	3971 / -	4084 / 4257	4134 / 4307
Max. digging height (std / long arm)	mm	3371 / -	3378 / -	3573 / 3701	3573 / 3701
Total height	mm	2299	2297	2299	2297
Total width on ground / blade extended	mm	980 / 1360	980 / -	980 / 1360	980 / 1360
Total length (std / long arm)	mm	3665 / -	3450 / -	3831 / 3812	3688 / 3669

## CONTROL ELEMENTS

<sup>1</sup> if equipped


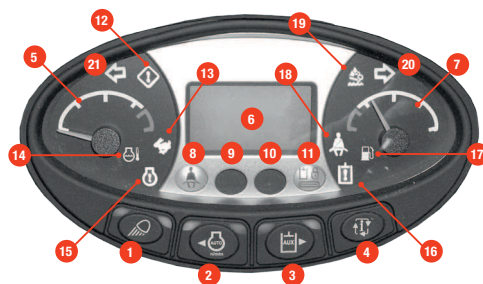
### RIGHT CONSOLE

- Right joystick
  - Auxiliary hydraulic switch<sup>1</sup>
  - Blade control / track expansion-retraction lever
  - Two-speed button
  - Engine speed control lever
  - Key / rotary start switch
  - Keypad<sup>1</sup>
  - Auxiliary power outlet
  - Instrument panel
  - Radio<sup>1</sup>
  - Temperature control dial<sup>1</sup>
  - Fan motor dial<sup>1</sup>
-  Engine stop  
 Engine run / preheat  
 Engine start



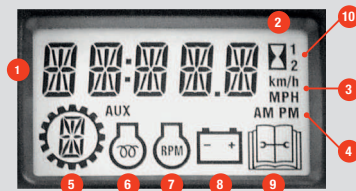
### LEFT CONSOLE

- Left joystick
- Horn
- Boom swing switch<sup>1</sup>
- Wiper / washer switch<sup>1</sup>
- Not in use
- Beacon / strobe light<sup>1</sup>
- Overload warning device switch<sup>1</sup>
- Blade / track expansion-retraction switch<sup>1</sup>
- Not in use



### STANDARD INSTRUMENT PANEL

- Lights
  - Auto idle feature (Not in use)
  - Auxiliary hydraulic button<sup>1</sup>
  - Information
  - Engine temperature gauge
  - Display screen
  - Fuel gauge
  - Seat belt
  - Not in use
  - Not in use
  - Not in use
  - General warning
  - High range engaged
  - Engine coolant temperature
  - Engine malfunction
  - Hydraulic system malfunction
  - Fuel
  - Not in use
  - Not in use
  - Not in use
- Press to display the following on the data display:
- Hour meter (upon startup)
  - Job clock (1 and 2)
  - Engine RPM
  - Auxiliary hydraulics information<sup>1</sup>
  - Battery voltage
  - Maintenance clock



### INDICATOR ICONS ON STANDARD INSTRUMENT PANEL

- Data display
- Hour meter
- Metric / English<sup>1</sup>
- Clock<sup>1</sup>
- Selectable auxiliary flow
- Engine preheat
- Engine RPM
- Battery / Charging voltage
- Service
- Job clock (1 and 2)



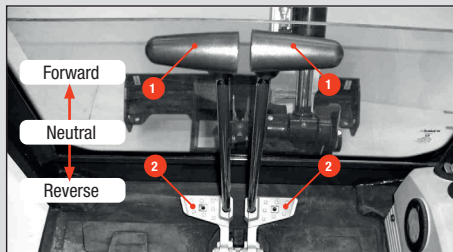
### KEY SAFETY INSTRUCTIONS

#### GENERAL SAFETY INSTRUCTIONS

- ▶ **Check Operation & Maintenance Manual for full safety instructions**  
Make sure no bystanders are in the work area.  
Never carry riders.
- ▶ **Ensure daily inspection and maintenance**  
See below for more information.
- ▶ **Do not exceed rated lift capacity**  
Always check lift capacity chart in Operation & Maintenance Manual. Excessive load can cause tipping or loss of control. Avoid tipping.
- ▶ **Object handling with lifting device**  
Excessive load can cause failure of the lift eye and cause the load to drop.
- ▶ **Never use attachments or buckets which are not approved by Bobcat Company**  
Before any use, ensure that the attachment is properly locked.

#### DIRECTION / TRAVEL CONTROLS

- ▶ Position blade at front of machine.
- ▶ Slowly move both steering levers\* ① forward for forward travel, backward for reverse travel.  
\*Travel can also be controlled with foot pedals ②



#### CONTROL CONSOLE LOCKOUT

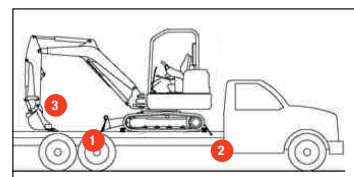
- ▶ When the console is raised, hydraulic and traction system functions are locked and will not operate.



#### TRANSPORT/TIE-DOWN



- ▶ Use transport and towing vehicle of adequate length and capacity
- ▶ Secure parking brakes and block wheels of transport vehicle
- ▶ Use and align metal loading ramps with slip resistant surface
- ▶ Fasten holddown chains to tie down points at front ① and rear ② of upperstructure
- ▶ Loop chain or tension belt around bucket link and to trailer ③
- ▶ Tighten chains with chain binders



### DAILY INSPECTION AND MAINTENANCE

<sup>1</sup> if equipped

#### AROUND MACHINE

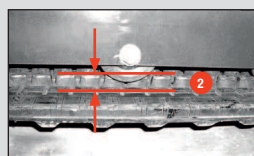
- ▶ **Check canopy/cab condition and mounting hardware**
- ▶ **Check safety signs (decals)**
- ▶ **Check attachment & quick coupler<sup>1</sup>**



- ▶ **Grease all pivot points and clamp<sup>1</sup>**



- ▶ **Check track tension**  
Raise one side of the machine (see Operating Manual).



Rubber track clearance ② is 10 - 15 mm.

#### IN CANOPY/CAB

- ▶ **Check seat belt, retractors, mounting hardware**
- ▶ **Check motion alarm and horn**
- ▶ **Check indicators and lights**
- ▶ **Check cab filters and HVAC filters**
- ▶ **Check fuses and relays**  
A decal inside fuse cover ① shows location and amp ratings.



#### FLUID LEVELS

- ▶ **Engine oil**
- ▶ **Engine coolant**
- ▶ **Hydraulic fluid**  
Machine must be in service position<sup>2</sup>



#### FILTERS

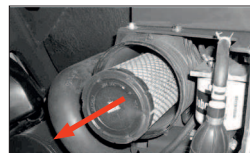
- ▶ **Engine air filter**  
Check condition indicator.



Remove and clean dust cover.



Change filter elements if necessary.



- ▶ **Fuel pre-filter**



- ▶ **Fuel filter**



- ▶ For more details, please refer to the Operation & Maintenance Manual.

