

Product type



Models

E26, E27z,
E27, E34,
E35z

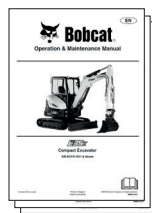
Version

03-2021
Rev. 1.0

SAFETY FIRST!

IMPORTANT

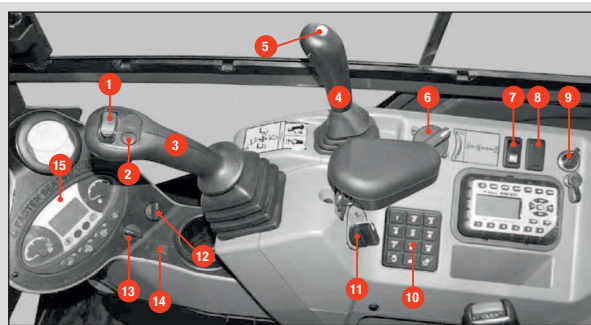
- This document **DOES NOT** replace the Operation & Maintenance Manual.
- You must read **ALL** safety and other instructions from the Operation & Maintenance Manual before operating, transporting or servicing this machine.



MAIN MACHINE SPECIFICATIONS

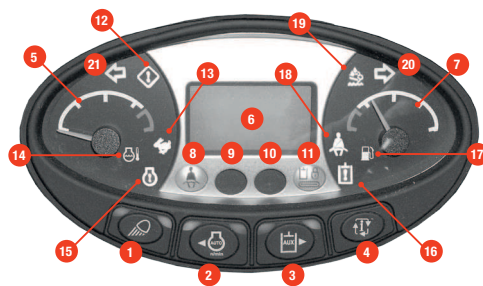
	UNIT	E26	E27z	E27	E34	E35z
Operating weight with cab and bucket (ISO 6016)	kg	2608	2705	2683	3476	3499
Transport mass (no attachment)	kg	2477	2571	2549	3312	3335
Engine power (ISO 14396)	kW @ rpm	15.4 @ 2400	15.4 @ 2400	18.3 @ 2400	18.2 @ 2200	18.2 @ 2200
Digging force, std / long arm (ISO 6015)	N	15690 / -	16200 / 13470	16030 / -	20790 / 18010	20790 / 18010
Digging force, bucket (ISO 6015)	N	23720	23720	26520	33430	33430
Drawbar pull	N	29080	29023	28949	34132	34132
Travel speed (low/high)	km/h	2.5 / 4.3	2.5 / 4.3	3.0 / 5.1	2.6 / 4.7	2.6 / 4.7
Total hydraulic capacity	l/min	87.0	87.0	94.3	101.2	101.2
Max. digging depth (std / long arm)	mm	2582 / -	2582 / 2890	2547 / -	3117 / 3417	3117 / 3417
Max. digging reach (std / long arm)	mm	4553 / -	4553 / 4850	4604 / -	5101 / 5383	5351 / 5633
Max. digging height (std / long arm)	mm	4272 / -	4272 / 4473	4429 / -	4804 / 4985	4804 / 4985
Total height	mm	2438	2438	2438	2468	2468
Total width on ground	mm	1500	1550	1550	1550	1750
Total length (std / heavy counterweight option)	mm	4174 / -	4325 / -	4079 / 4190	4761	4832

CONTROL ELEMENTS

¹ if equipped


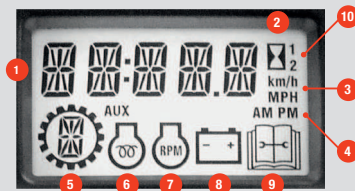
RIGHT CONSOLE

- Auxiliary hydraulic switch¹
- Right joystick button toggle between auxiliary hydraulics¹
- Right joystick
- Blade control lever
- Two-speed button
- Engine speed control dial
- Motion alarm cancel switch
- Direct to tank switch¹
- Auxiliary power outlet
- Keypad¹
- Key switch or keyless start switch
 - Engine stop
 - Engine run / preheat
 - Engine start
- Temperature control¹
- Fan motor switch¹
- Air conditioning switch¹
- Instrument panel



STANDARD INSTRUMENT PANEL

- Lights
- Auto idle feature
- Auxiliary hydraulic button
- Information
 - Press to display the following on the data display:
 - Hour meter (upon startup)
 - Job clock (1 and 2)
 - Engine RPM
 - Auxiliary hydraulics information¹
 - Battery voltage
 - Maintenance clock
- Engine temperature gauge
- Display screen
- Fuel gauge
- Seat belt
- Not in use
- Not in use
- Left console lockout
- General warning
- High range engaged
- Engine coolant temperature
- Engine malfunction
- Hydraulic system malfunction
- Fuel
- Not in use
- Not in use
- Not in use



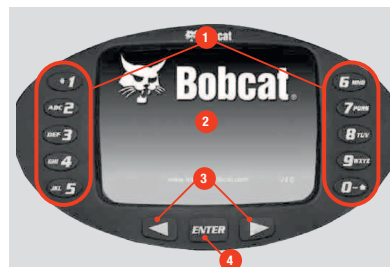
INDICATOR ICONS ON STANDARD INSTRUMENT PANEL

- Data display
- Hour meter
- Metric / English
- Clock
- Selectable auxiliary flow (3 - 2 - 1)
- Engine preheat
- Engine RPM
- Battery / Charging voltage
- Service
- Job clock (1 and 2)



LEFT CONSOLE

- Left joystick
- Boom swing/Sec. aux. hydraulic switch
- Horn
- Left joystick
- Wiper / washer switch¹
- Hydraulic quick coupler ON / OFF switch¹
- Beacon / strobe light¹
- Hydraulic quick coupler INTENT switch¹
- Overload warning device switch¹
- Boom swing switch¹



DELUXE INSTRUMENT PANEL (IF EQUIPPED)

- Keypad
- Display screen
- Scroll buttons
- Enter button

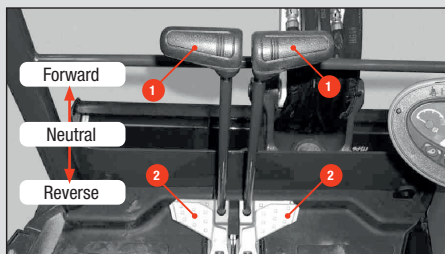
KEY SAFETY INSTRUCTIONS

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

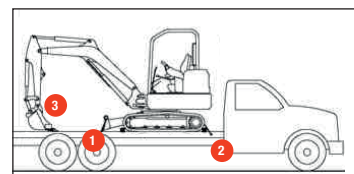
- ▶ When the console is raised, hydraulic and traction system functions are locked and will not operate.



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 holdown 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

¹ if equipped

AROUND MACHINE

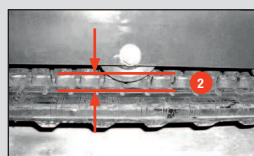
- ▶ **Check canopy/cab condition and mounting hardware**
- ▶ **Check safety signs (decals)**
- ▶ **Check attachment & quick coupler¹**



- ▶ **Grease all pivot points and clamp¹**



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



Rubber track clearance ② is 10-15 mm.

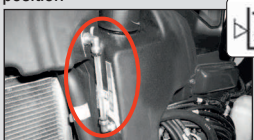
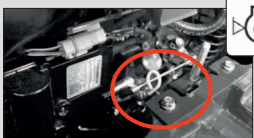
IN CANOPY/CAB

- ▶ **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.



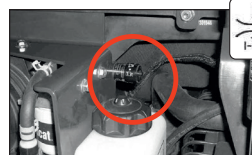
FLUID LEVELS

- ▶ **Engine oil**
- ▶ **Engine coolant**
- ▶ **Hydraulic fluid**
Machine must be in service position²



FILTERS

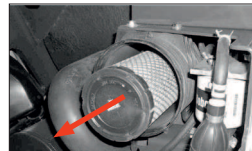
- ▶ **Engine air filter**
Check condition indicator.



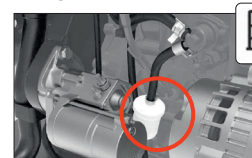
Remove and clean dust cover.



Change filter elements if necessary.



- ▶ **Fuel pre-filter**



- ▶ **Fuel filter**



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

