

E26 | E27z | E27

COMPACT EXCAVATORS

0-1 1-2 **2-3** 3-4 4-6 6-10

Europe



One Tough Animal

INTRODUCTION

ONE TOUGH ANIMAL



BOBCAT'S HISTORY

In 1958, Melroe Manufacturing Company introduced a compact front-end loader that evolved quickly into the M400, the world's first true skid steer loader. The company soon adopted what became the world-famous 'Bobcat' brand – and its success paved the way for the global compact equipment industry we know today.

INNOVATION CENTRE IN DOBŘÍŠ

New technologies and machines are rigorously tested to take on the toughest jobs.



BOBCAT TODAY

Since developing Mini-Excavators with Zero-House Swing functionality in 1984, Bobcat has continued to innovate. Today, our equipment is known for providing all the power you need, where you need it, without extra hassle.



OUR MISSION

We empower operators to accomplish more, while working in the toughest conditions and tightest situations. When our customers have the will, we provide the way.

BUILT AROUND THE OPERATOR

REDEFINING INDUSTRY STANDARDS

The Bobcat R-Series E26 – E27z – E27 are built around the operator to provide superior power, a roomy comfortable cab, easy operation, great visibility and amazing stability, while remaining compact.



Most spacious cab in this size category

TOPS/ROPS/FOPS Level 1 certified cab and canopy

Optional LED light system P.15

Full control of your surroundings – thanks to the great visibility through larger glass area and excellent ergonomics P. 8

Metal covers that open and close effortlessly for easy maintenance P. 11

Mechanically controlled Stage V engine with auto idling functionality

Hydraulic oil level visible from outside P. 10

Heavy counterweight within zero tail profile P.7

Upper-structure tie-downs for easy transportation

Autoshift travel motors P. 11

Protected underboom light

3D handle for easy entry and exit P. 8

Reinforced boom cylinder guard P.10

Easy access to battery disconnection

Reinforced blade with floating function

Double protection for exterior hoses P.10

Up to 5 AUX lines to control most advanced attachments P.16

Optional object handling package P.16

Selection of factory-installed coupler systems P.14



PERFORMANCE
Increased power and controllability despite being lighter than the previous generation.



STABILITY
Best-in-class stability with all 3 concepts (zero house swing, minimal swing and conventional).



CONTROLLABILITY
The optimized hydraulic system and the new joysticks guarantee best-in-class controllability.



TRANSPORTABILITY
All 3 new Bobcat models are towable on most trailers in all configurations.

PERFORMANCE



► LIGHTER WITH MORE STABILITY

Heavier machines are more expensive, harder to transport and less fuel-efficient. Our latest Mini-Excavators are compact and lightweight without compromising full 360° stability.

► SMOOTH POWER

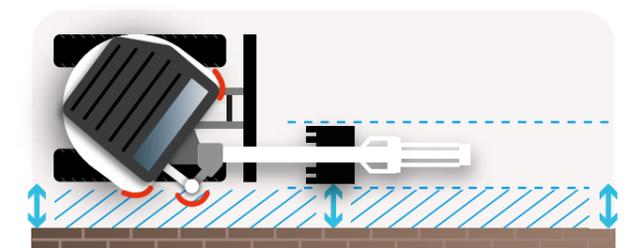
Exceptional combination of traditional Bobcat performance and best-in-class controllability. Bobcat equipment has always been made to go where the work is - our machines are highly maneuverable with simple, precise and intuitive controls, even at full power.



POWER WHERE YOU NEED IT

► RIGHT TOOL FOR THE JOB

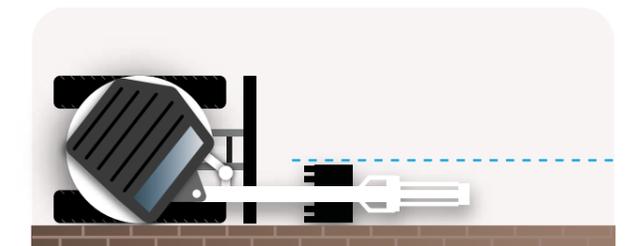
In backyards, urban areas and other tight-fitting job sites, a big machine means big challenges. Bobcat machines allow operators to work in constrained environments, in extreme proximity to walls and other challenging situations.



Zero Tail Swing (ZTS)

► ZERO HOUSE SWING – E27z

The Bobcat Zero House Swing (ZHS) concept enhances Zero Tail Swing (ZTS) functionality by further protecting the front upper-structure corners turning within the swing circle. The design also eliminates the protrusion of the boom swing cylinder during parallel digging.

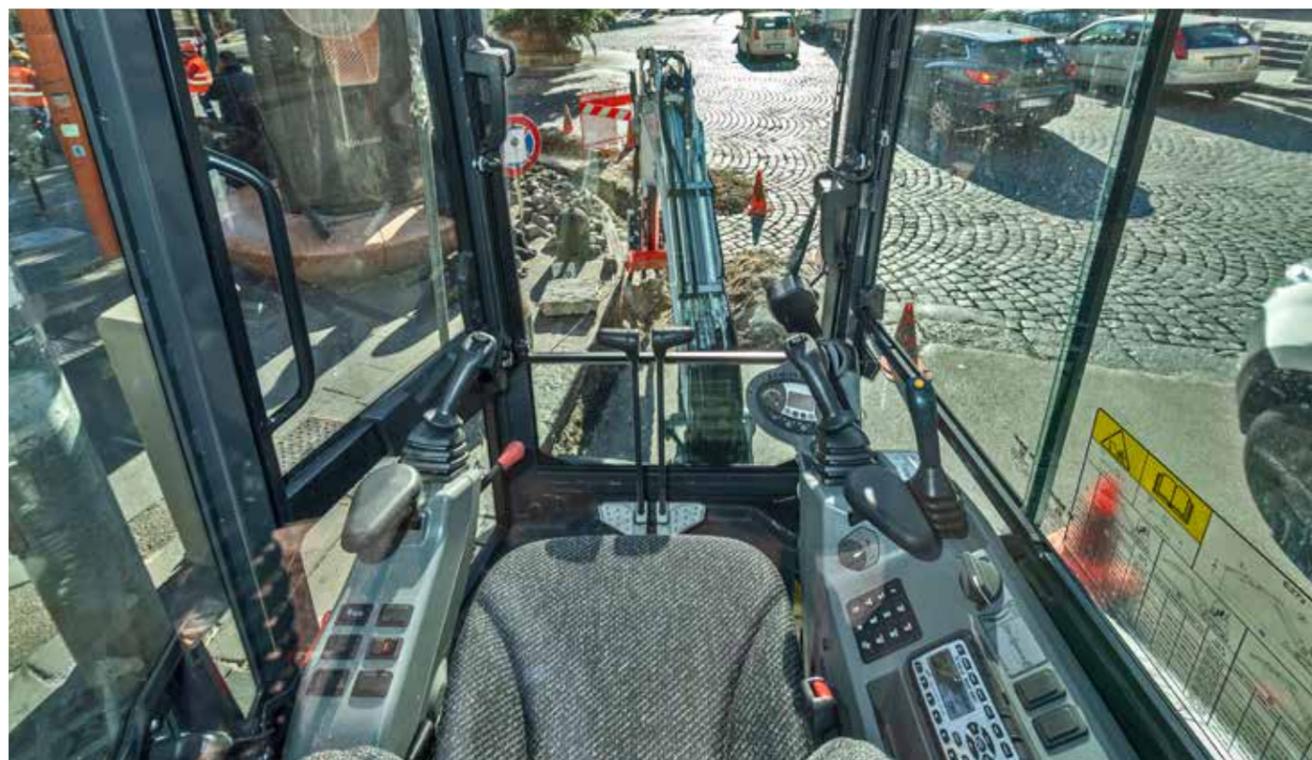


Zero House Swing (ZHS)

STEP INSIDE



BUILT AROUND THE OPERATOR
Clear and easy to reach, the display features an indicator for the automatic light switch-off function, optional keyless ignition and operational information.



IN ALL WEATHER CONDITIONS



Stay comfortable and focused on the job all year round with direct cab temperature control at your fingertips.

RADIO WITH CONNECTIVITY

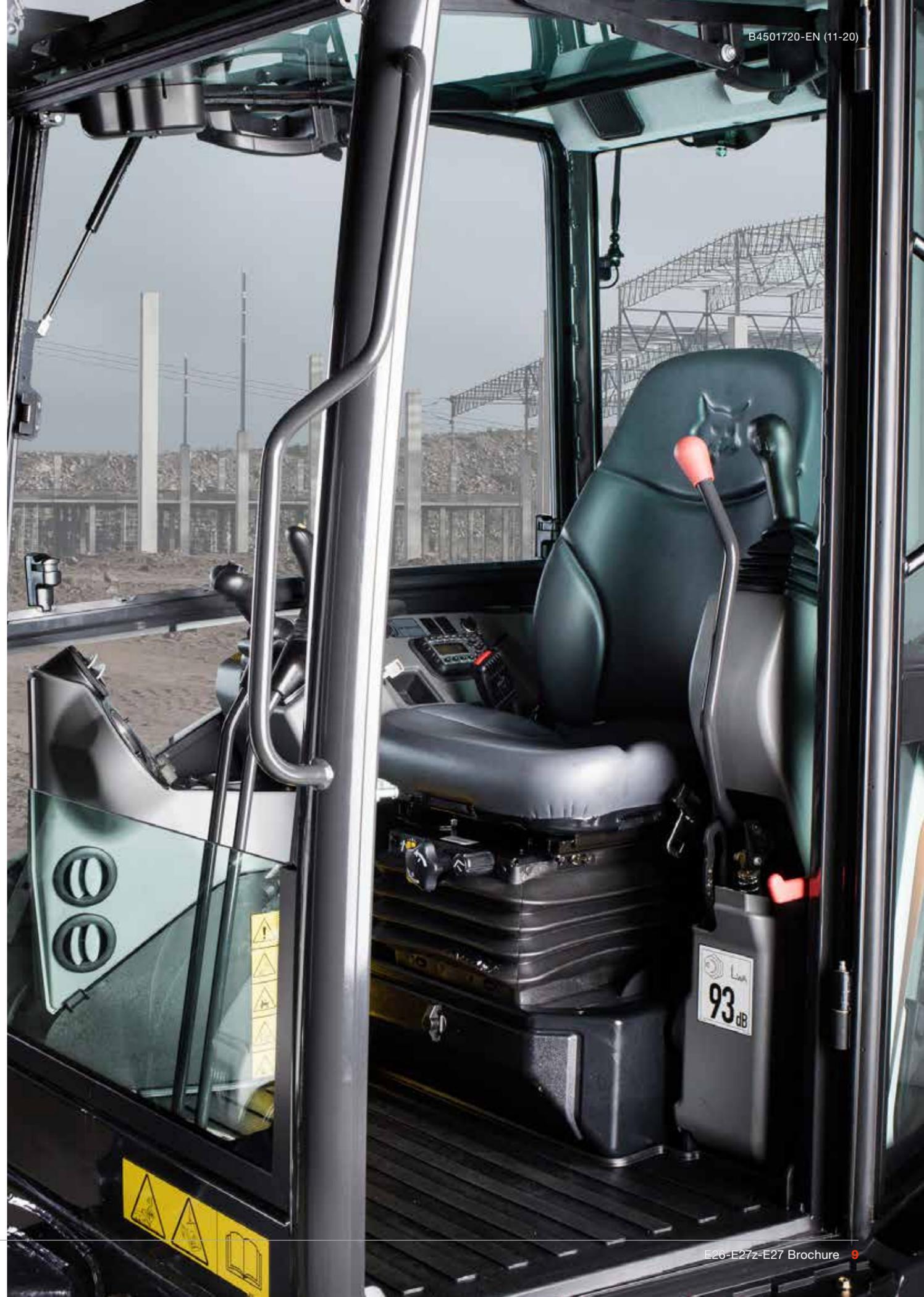


Bobcat knows your job is tough. Tune into your favorite radio station and breeze through any task.

INSTRUMENT PANEL



A new enhanced instrument panel is now standard on all new Bobcat mini-excavators.



BUILT TO LAST

► ENGINEERED TO PERFECTION

Feel the superior fit & finish down to the last bolt and screw. The exterior, covers, cab and canopy, controls and workgroup will exceed your expectations year after year. With durable construction and materials tested for endurance in extreme conditions, your business will keep moving forward.

► SMART MAINTENANCE

Always understand the condition of your machine thanks to a self-diagnostic system with clear error codes on the control panel display. Access all maintenance areas quickly thanks to a 2-piece floor mat, easily removable floor covers and side-by-side cooler placement for simple cleaning.



► MACHINE IQ

BOBCAT® Machine IQ Wireless Communications enhances the support for your Bobcat machine.

- Durable built-in monitoring electronics
- Data is available to our machine monitoring specialist
- Maintenance is optimized for your business
- Data-driven services maximize uptime



THERE'S NO TIME FOR DOWNTIME. STAND UP TO THE HARSHTEST CONDITIONS. DAY AFTER DAY.

► STANDARD WARRANTY

Bobcat develops every machine to the highest standards of quality and durability. That's the reason our standard warranty provides 24 months or 2000 operating hours (whichever occurs first) of coverage.



► PROTECTION PLUS EXTENDED WARRANTY

Enjoy total peace of mind with Protection Plus® extended warranty. Providing the same level of protection as the standard warranty, Protection Plus also reflects different customer needs and expectations by offering a choice of durations and annual operating hours. According to your needs, you can benefit from the coverage for up to 5 years or 6000 engine hours. And Protection Plus is transferrable – so it will likely increase your machine's resale value.



► BOBCARE

A long-running machine starts with proper planned maintenance, which helps protect against repair costs and unplanned failures when you count on your machine to work.

- Avoid risk by preventing major repairs and complete failures.
- Accomplish more by reducing downtime and increasing your productivity and profitability.

E26

► LIGHTER AND TOUGHER

- Perfect transport weight with cab: below 2.5 tons
- Innovative Cylinder Inside Boom for extra robustness
- Exceptional value for money



E27

► BETTER PERFORMANCE

- Unique combination of superior stability and class-leading digging force
- Transport weight below the weight limits for appropriate trailers
- Small tail overhang allows operation in confined spaces



CHOOSE YOUR ANIMAL

E27z

► MORE STABILITY AND COMFORT WITH ZHS

- Zero House Swing even with open door and heavy counterweight
- Largest cab on the market for this size of machine

As a true Zero House Swing (ZHS), the E27z offers the superior flexibility of movement when working close to walls, best-in-class 360° stability and a low transportation weight.



► CONQUER EVERY CHALLENGE



STANDARD EQUIPMENT



Standard dashboard

FOR ALL MACHINES

- 2-speed travel with Auto shift
- Adjustable double acting auxiliary hydraulic (AUX1) with quick couplers
- Battery disconnect switch
- Blade float feature
- Control console locks
- Cupholder
- Dual Direction Detent
- Engine/hydraulic monitor with shutdown
- Foldable and ergonomic pedals
- Full fuel warning alarm
- Grease gun holder
- Horn
- Machine IQ (telematic)
- Proportional fingertip auxiliary and boom swing offset hydraulic control
- Retractable seat belt
- Storage compartment
- TOPS/ROPS/FOPS canopy*
- Upper structure 4-point tie down
- Water separator
- Work light (boom)

FOR E27 & E27z

- 1550 mm dozer blade
- 300 mm rubber tracks
- Suspension seat with high back
- Clamp ready

FOR E26

- 1500 mm dozer blade
- 250 mm rubber track
- Seat with high back

*Roll Over Protective Structure (ROPS) – Meets requirements of ISO 3471.
Tip Over Protective Structure (TOPS) – Meets requirements of ISO 12117.
Falling Object Protective Structure (FOPS) - Meets requirements of ISO 3449.

OPTIONS

PERSONALIZE YOUR MACHINE

Sometimes, we all want to add a specific functionality or a personal touch to the machine. Choose from a list of comprehensive options and customize your mini excavator to your heart's content!



1st AUX hydraulic on arm

2nd AUX hydraulics plus drain line

Additional lights (2+1)



Auto idle and AM/FM stereo radio

Beacon plus rear light

Fire extinguisher



Long dipperstick

Steel tracks

TOPS/ROPS/FOPS cab with heater

OPTIONS

	E26	E27z	E27
Additional halogen lights	•	•	•
AM/FM stereo MP3 radio	•	•	•
A-SAC package (tilt coupler hydraulic lines - AUX4 & Deluxe display)		•	•
Auto idle	•	•	•
AUX1 direct return to tank	•	•	•
AUX1/AUX2/drain located on arm	•	•	•
AUX2 hydraulics	•	•	•
Beacon	•	•	•
Bucket diverter valves – AUX3 kit		•	•
Case drain line	•	•	•
Clamp with AUX1 valve on long arm		•	•
Comfort package cab (cloth suspension seat & Deluxe display)		•	•
Deluxe cloth suspension seat*	•	•	•
Heavy counterweight		•	•
Hydraulic coupler lines - AUX5		•	•
Keyless ignition	•	•	•
L/R mirrors	•	•	•
LED lights set		•	•
Long dipperstick		•	std
Object handling package (boom and arm load holding valves, OWD, liffeye)	•	•	•
Special application kit	•	•	•
Steel tracks		•	•
TOPS/ROPS/FOPS cab with heater	•	•	•
Travel motion alarm	•	•	•

*part of comfort package for E27z and E27



MULTI-TOOL CARRIER

BOBCAT ATTACHMENTS

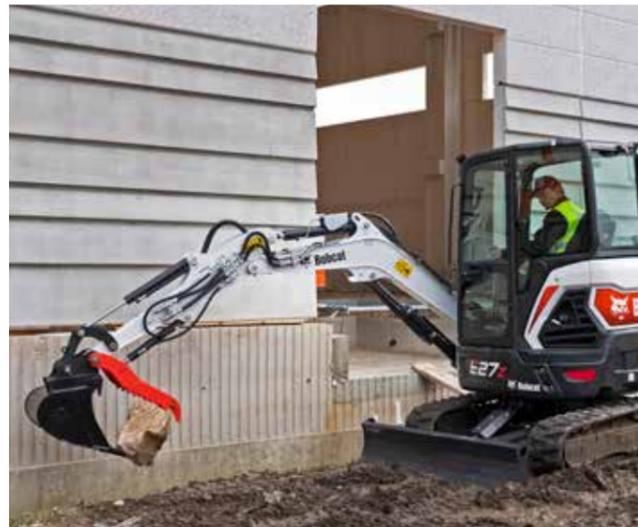
Get more versatility and efficiency with Bobcat® attachments.

- The largest choice of attachments in the industry.
- Match performance to your Bobcat machine.
- Work harder with stronger components and construction.
- Rest easy with the 12-month warranty on every genuine Bobcat attachment.

ATTACHMENTS	E26	E27z	E27
Auger	•	•	•
Bobcat hydraulic pin grabber coupler		•	•
Breaker	•	•	•
Clay spade bucket	•	•	•
Digging buckets	•	•	•
Flail mower	•	•	•
Grading buckets	•	•	•
Hydraulic clamps		•	•
Hydraulic Lehnhoff type coupler (HS03)		•	•
Hydraulic Lehnhoff type coupler (HS03) with tilt function		•	•
Klac coupler	•	•	•
Laser equipment	•	•	•
Mechanical Lehnhoff type coupler (MS03)	•	•	•
Mechanical Lehnhoff type coupler (MS03) with tilt function	•	•	•
Skeleton buckets	•	•	•
Tilt buckets	•	•	•



Tilt buckets



Clamps



Flail mower



Augers



Skeleton buckets



Trenching buckets



Breakers



Hydraulic pin grabber



VERSATILITY

Up to 5 independent hydraulic auxiliary circuits:

- AUX1 – general purpose
- AUX2 – supporting functions (rotation)
- AUX3 – clam shell bucket (bucket diverter)
- AUX4 – tilting coupler control
- AUX5 – hydraulic coupler control

New 'Selectable Auxiliary Control' (SAC) system allows for control pattern customization and optimal attachment fit (integral part of AUX4 option)

- Selectable boom or arm mounted auxiliaries
- Geith, Klac and Lehnhoff hydraulic coupler option
- Lehnhoff type couplers with optional tilting adapters

Selectable
Auxiliary
Control

Actual attachment compatibility may vary based on different machine configurations. Contact your dealer for actual attachment compatibility.

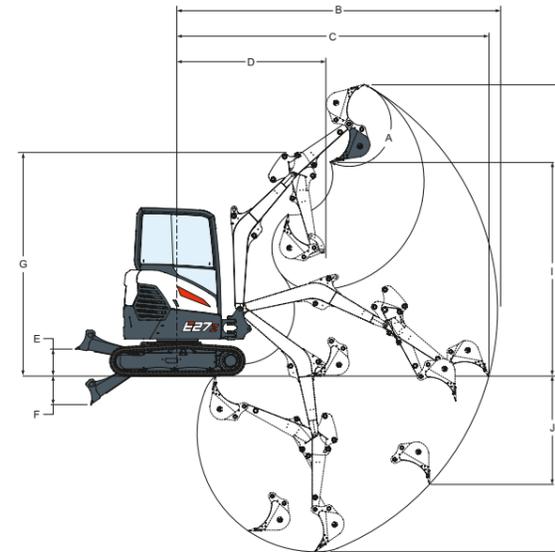
SPECIFICATIONS

SPECIFICATIONS			
	E26	E27z	E27
WEIGHTS			
Operating weight with cab and bucket (ISO 6016)	2608 kg	2705 kg	2683 kg
Transport mass (no attachment)	2477 kg	2571 kg	2549 kg
Weight reduction with canopy	-118 kg	-118 kg	-118 kg
Additional weight for long dipperstick	-	10 kg	-
Additional weight for heavy counterweight	-	123 kg	147 kg
Additional weight for steel tracks	-	130 kg	130 kg
Ground pressure with rubber tracks	30.3 kPa	25 kPa	26.2 kPa
ENGINE			
Make / model	Kubota / D1105-E4B (Stage V)		Kubota / D1305-E4B (Stage V)
Fuel	Diesel		
Number of cylinders	3		
Displacement	1123 cm ³		1261 cm ³
Maximum power @ 2400 rpm (ISO 14396)	15.4 kW		18.3 kW
Maximum torque (SAE)	71.2 Nm		81.3 Nm
PERFORMANCE			
Digging force, dipperstick (ISO 6015)	15690 N	16200 N	16030 N
Digging force, long dipperstick (ISO 6015)	-	13470 N	-
Digging force, bucket (ISO 6015)		23720 N	26520 N
Drawbar pull	29080 N	29023 N	28949 N
Travel speed, low range	2.5 km/h		3 km/h
Travel speed, high range	4.3 km/h		5.1 km/h
HYDRAULIC SYSTEM			
Pump type	Dual outlet variable displacement piston pump with gear pumps		
Total hydraulic capacity	87 L/min	87 L/min	94.3 L/min
Auxiliary (AUX1) flow	50 L/min	50 L/min	54 L/min
Auxiliary (AUX2) flow		20 L/min	
Auxiliary (AUX1) relief		180 bar	
Auxiliary (AUX2) relief		179 bar	
SLEW SYSTEM			
Boom swing, left	60°		70°
Boom swing, right	60°		55°
Slew rate		9.3 RPM	
FLUID CAPACITIES			
Fuel reservoir		34.4 L	
Hydraulic reservoir		10.2 L	
ENVIRONMENTAL			
Noise level LpA(EU Directive 2006/42/EC)	80 dB(A)	77 dB(A)	78 dB(A)
Noise level LWA(EU Directive 2000/14/EC)		93 dB(A)	
Whole body vibration (ISO 2631-1)	0.1 ms ⁻²	0.2 ms ⁻²	0.1 ms ⁻²
Hand-arm vibration (ISO 5349-1)	0.5 ms ⁻²	0.5 ms ⁻²	0.4 ms ⁻²

Certain specification(s) are based on engineering calculations and are not actual measurements. Specification(s) are provided for comparison purposes only and are subject to change without notice. Specification(s) for your individual Bobcat equipment will vary based on normal variations in design, manufacturing, operating conditions, and other factors. Pictures of Bobcat units may show other than standard equipment.

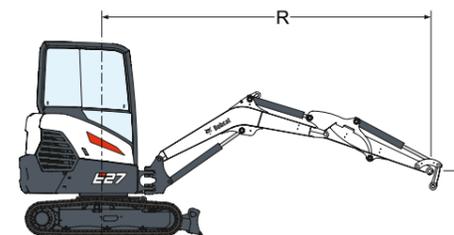
SPECIFICATIONS

WORKING RANGE

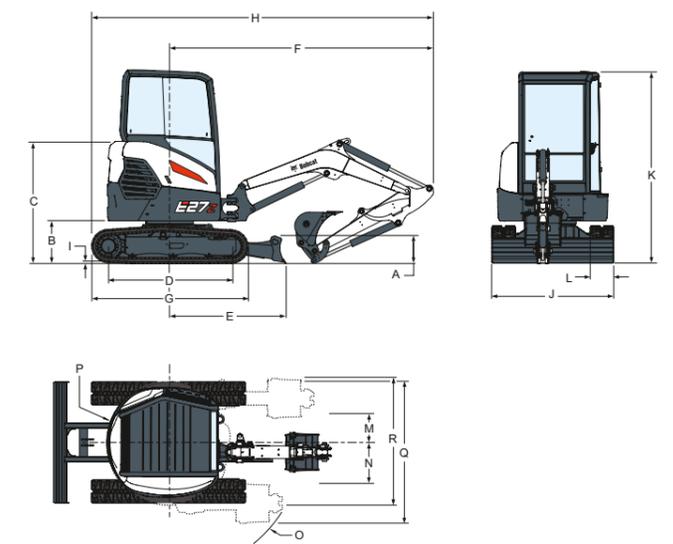


	E26	E27z	E27		E26	E27z	E27
A	185°	185°	185°	G	3246	3246	3240
B	4678	4678	4721	H	4272	4272	4429
B*	-	4966	-	H*	-	4473	-
C	4553	4553	4604	I	3057	3057	3243
C*	-	4850	-	I*	-	3258	-
D	2132	2132	1924	J	1809	1809	1825
D*	-	2135	-	J*	-	2078	-
E	385	385	346	K	2582	2582	2847
E**	-	-	385	K*	-	2890	-
F	315	315	302				
F**	-	-	420				

Unit: mm
 *long dipperstick option
 **long blade option
 ***heavy counterweight option



DIMENSIONS



	E26	E27z	E27		E26	E27z	E27
A	319	319	319	K	2438	2438	2438
B	539	539	539	L	250	300	300
C	1540	1540	1540	M	580	565	393
D	1543	1543	1543	N	705	773	576
E	1462	1462	1245	O	1755	1726	1575
E**	-	-	1462	P	820	785	995
F	3192	3343	3135	P*	840	-	-
G	1965	1965	1965	P***	-	-	1055
H	4174	4325	4079	Q	1741	1808	1808
H***	-	-	4190	Q***	-	-	1868
I	21	21	21	R	1616	1599	1731
J	1500	1550	1550	R***	-	-	1791
Boom length					-	2100	2100
Standard arm length					-	1100	1400
Optional arm length (arm pivot to bucket pivot)					-	1400	-

LIFTING CAPACITIES – RATED LIFT CAPACITY AT 3000 MM LIFT RADIUS [R] (KG)

LIFT POINT HEIGHT [H]	OVER BLADE, BLADE UP			OVER SIDE, BLADE UP		
	E26	E27z	E27	E26	E27z	E27
2000 mm	535*	492*	609*	417	492*	609*
1000 mm	481	566	546	395	474	567
Ground	470	549	547	382	453	560
-1000 mm	479	568	569	392	451	563

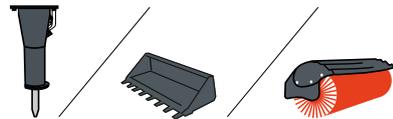
*Rated hydraulic lift capacity. The lifting capacities are based on ISO 10567 and do not exceed 75% of the static tilt load of the machine or 87% of the hydraulic lifting capacity of the machine.

FINANCING OPTIONS

► 24, 36, 48, OR 60-MONTH FINANCING

Improve your cashflow by taking advantage of 24, 36, 48 or 60-month financing programs starting from 0% interest. Ask your dealer for the financing offers available.

150 ATTACHMENTS 63 MACHINES 1 TOUGH ANIMAL



► DESIGNED TO DO MORE

Bobcat offers the widest range of attachments for all your needs in Construction, Landscaping, Agriculture, Road, Material Handling and Forestry.



**SKID STEER
LOADERS**



**COMPACT TRACK
LOADERS**



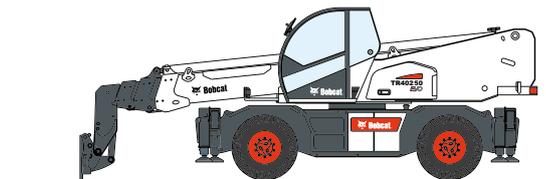
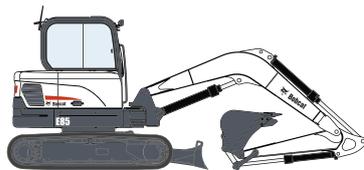
**MINI TRACK
LOADERS**



TELEHANDLERS



COMPACT EXCAVATORS



ROTARY TELESCOPIC HANDLERS



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*Financing options may vary by country and dealer. Always ask your dealer about currently available financing options. Terms and conditions may apply.

