

E60D

MINI EXCAVATOR



ENGINE	
Model	Kubota V2607-CR-T
Emissions certification	Tier 4 Final / Stage V
Net horsepower - SAE J1349 @ 2300 RPM:	59.4 hp (44.3 kW)
Displacement	0.69 gal (2.6 L)
Cylinders	4-cylinder in line
Cooling	Liquid

DRIVETRAIN	
Travel speeds - 2-speed travel w/ auto-shift:	
1st	1.4 mph (2.3 kph)
2nd	2.8 mph (4.5 kph)

ELECTRICAL	
Voltage	12 volts
Alternator rating	60 amp
Battery	1 x 12 volts
Battery reserve capacity	95 Ah
Work lights	1 x boom / 1 x roof

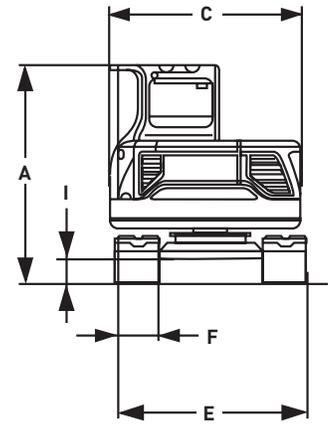
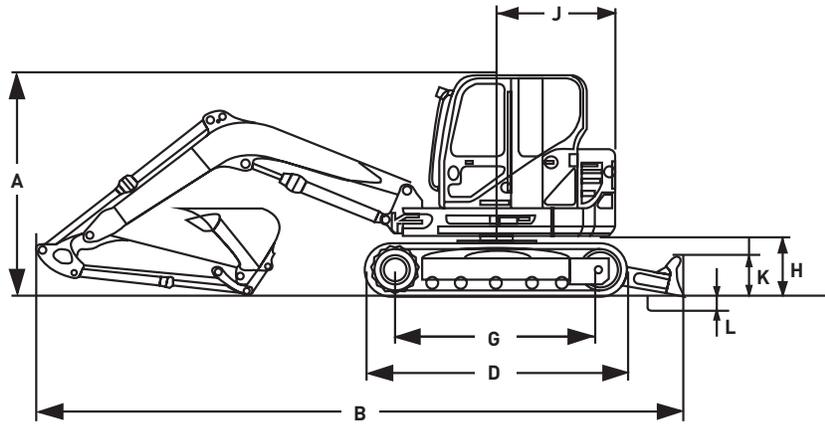
OPERATOR ENVIRONMENT	
Boom, arm, bucket and swing	2 x pilot joysticks
Tracks	2 x pilot levers
Dozer blade	1 x pilot lever
AUX 1	1- or 2-way flow
Electric proportional switch on right joystick	
AUX 2	2 way flow
Electric proportional switch on right joystick	
Boom swing	
Electric proportional switch on left joystick	
AUX 2/boom swing switch selection on right joystick	

OPERATING WEIGHT	
Cab operating weight with rubber tracks	13,162 lb (5970 kg)

HYDRAULICS	
Type	Open Center
Pump type	2 x gear pumps
Max. rated flow total	44.6 gpm (168.8 L/min)
Max. system pressure	4061 psi (280 bar)
AUX 1 rated flow @ 200 bar	22.5 gpm (85 L/min)
AUX 2 rated flow @ 280 bar	15.9/10.6 gpm (60/40 L/min)
AUX 3 rated flow @ 280 bar	15.9/10.6 gpm (60/40 L/min)
Slew speed	11 rpm
2nd Auxiliary (AUX 2) circuit with Electro-Hydraulic proportional control	

SERVICE CAPACITIES	
Fuel tank	22.5 gal (85 L)
Hydraulic oil tank	15.9 gal (60 L)
Hydraulic circuit capacity	21.1 gal (80 L)
Cooling system capacity	3.2 gal (12 L)
Engine oil	2.7 gal (10.2 L)



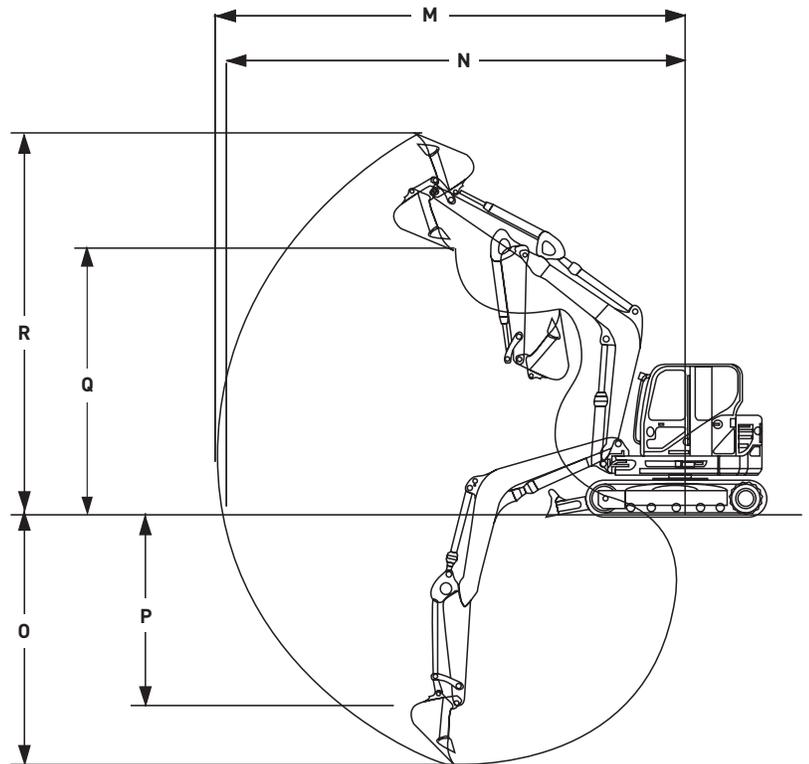


DIMENSIONS

Arm Length	5 ft 5 in (1.65 m) Arm
A Overall height	8 ft 4 in (2550 mm)
B Overall transport length	19 ft 8 in (6000 mm)
C Width of upper structure	6 ft 6 in (1980 mm)
D Track overall length	8 ft 6 in (2600 mm)
E Track overall width	6 ft 6 in (1980 mm)
F Track shoe width	1 ft 4 in (400 mm)
G Center to center - idler to sprocket	6 ft 9 in (2060 mm)
H Upper structure ground clearance	2 ft (630 mm)
I Minimum ground clearance	1 ft 1 in (330 mm)
J Tail swing radius: Standard counterweight	3 ft 3 in (1000 mm)
Boom swing	65° left / 53° right
Tail swing overhang: Standard counterweight	0 in (0 mm)

BLADE SPECS

K Backfill blade rise above ground	1 ft 5 in (420 mm)
L Backfill blade dig depth	1 ft 6 in (450 mm)
Backfill blade width	6 ft 6 in (1980 mm)



PERFORMANCE SPECS

Arm Length	5 ft 5 in (1.65 m) Arm	6 ft 3 in (1.9 m) Arm
M Maximum dig radius	20 ft 6 in (6250 mm)	21 ft 4 in (6490 mm)
N Dig radius at groundline	20 ft 1 in (6120 mm)	20 ft 10 in (6360 mm)
O Maximum dig depth	12 ft 8 in (3850 mm)	13 ft 5 in (4100 mm)
P Vertical straight wall dig depth	11 ft (3350 mm)	11 ft 10 in (3600 mm)
Q Dump height	13 ft 5 in (4090 mm)	13 ft 11 in (4240 mm)
R Overall reach height	19 ft (5800 mm)	19 ft 6 in (5950 mm)
Arm digging force - ISO	7419 lbf (33 kN)	7419 lbf (33 kN)
Bucket digging force - ISO	11,915 lbf (53 kN)	11,915 lbf (53 kN)

Line drawings are for illustrative purpose only and may not be exact representation of unit.

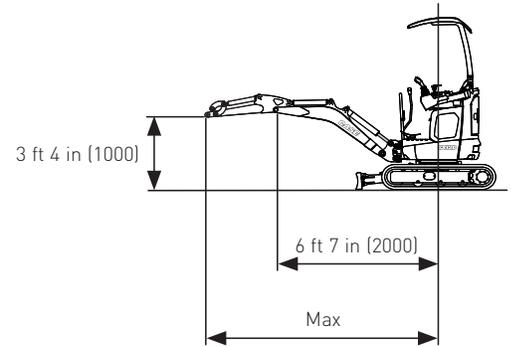
E60D MINI EXCAVATOR SPECIFICATIONS

Standard arm L = 5 ft 5 in (1650)
Long arm L = 6 ft 3 in (1900)

Opening arm from the rotation's center ft-in (mm)
Lifting capacity in lb (kg) at 3 ft 4 in (1000) height

LIFTING CAPACITY		
	6 ft 7 in (2000 mm)	Max
Frontal and lowered dozer blade	4850 lb (2200 kg)	3571 lb (1620 kg)
Frontal and lifted dozer blade	2447 lb (1110 kg)	1587 lb (720 kg)
Frontal and lifted dozer blade	1764 lb (800 kg)	1146 lb (520 kg)

The lifting capacity is based on the ISO 10567 and it does not exceed more than the 75% of static tipping load or more than the 87% of the hydraulic lifting capacity of the machine.



Standard Equipment

Engine

- Kubota V2607-CR-T diesel engine - Tier 4 Final/Stage V compliant
- Dry air filter with drain valve and electric anti-clogging indicator
- Glow plugs for cold weather starting
- Electronic proportional engine RPM control and auto-idle/shut-down
- Programmable hydraulically driven variable speed reversible cooling fan with automatic functionality

Electrical

- 12-volt battery
- Heavy-duty battery
- Battery disconnect switch
- Auxiliary power socket next to operator
- Auxiliary power socket on roof for beacon
- Key start switch
- Horn
- Radio & Speakers
- Travel Alarm
- myNewHollandConstruction Telematics –includes hardware and a 7-year advanced data subscription
- Electric refuel pump with auto-stop function

Upper Structure

- Zero tail swing (with standard counterweight)
- Standard arm with thumb bracket
- Swing boom
- Enclosed cab with ROPS/TOPS/FOPS Level 1
- LED work lights
- Standard counterweight
- Bucket linkage with lifting hook
- Tilttable operator station

Hydraulics

- Variable displacement hydraulic pump
- High flow 1-/2-way auxiliary hydraulics (Aux 1)
- Low flow 2-way auxiliary hydraulics (Aux 2)
- Attachment quick coupler auxiliary hydraulics (2-way | double effect)
- Direct drain to tank auxiliary circuit
- Control pattern selector valve (ISO/SAE)
- Cylinder guard on boom and dozer blade cylinders
- Mineral based hydraulic oil and lubricants
- On display Aux 1, Aux 2, and Aux 3 flow setup
- On display proportional control customized sensitivity setup
- Aux 1-/2-way flow selection button

Track Drive

- Rubber belt tracks
- 2-speed travel with auto shift down/up
- Fully hydrostatic drive system
- Sealed and lubricated track rollers
- Hydraulically adjustable track tensioner (with grease)
- Dozer blade with float

Operator Environment

- Auto climate control
- Adjustable air suspension heated seat with seat belt
- Travel levers with foldable foot pedals
- Pilot controlled joysticks
- Blade control lever
- Engine throttle dial
- 7-inch LCD display with navigation console
- Warning light indicators
- Visual indicators
- Ignition key that opens all machine panels
- Operator's manual compartment
- Rear view camera
- Automatic courtesy light (in-cab)
- Windshield wiper and washer
- 2-piece overhead stowable windshield
- Slide right side window
- Adjustable arm rests
- Bottle/cup holder
- Foot rests
- Rear view mirrors

Optional Equipment

Hydraulics

- Low flow 2-way auxiliary hydraulics (Aux 3)
- Aux 2 and Aux 3 proportional control joystick switch button
- Object handling kit with hose burst check valves on boom and arm and overload indicator light
- Blade safety hose burst check valve
- High constant flow 1-way mulching head auxiliary hydraulics
- Automatic centralized lubrication

Undercarriage & Track Drive

- Steel tracks
- 6-way dozer blade with cutting edge, float, and dual side foldable extensions

Upper Structure

- Long arm with thumb bracket
- Full range of attachment quick couplers
- Full range of buckets
- Hydraulic thumb
- Biodegradable hydraulic oil and lubricants
- Additional bolt-on counterweight
- Front protection guard (Level 2)
- LED beacon

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Safety begins with a thorough understanding of the equipment. Always make sure you and your operators read the Operator's Manual before using the equipment. Pay close attention to all safety and operating decals and never operate machinery without all shields, protective devices and structures in place. This is a one-person machine. Never allow riders in the cab, outside the machine, or in/on any bucket or attachment.

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