



Hydraulic Excavator

XE35U

Materials and specifications are subject to change without notice. Featured machines in photos may include additional equipment. See our Skyline Machinery Sales Team for available options.



ECOLOGICAL AND ECONOMICAL

Yanmar engine compliant with Euro stage V and North American Tier 4F Emission Standard

The excellent matching of hydraulic system and engine is more powerful and fuel saving

MULTIPLE APPLICATIONS

Tailless design and short slewing radius can achieve flexible operation in confined space

Multiple additional configurations adapt to a variety of operating requirements

COMFORTABLE OPERATING EXPERIENCE

Air conditioner and heater ensure the appropriate temperature

Reinforced glass cab offers safer view

Detailed design concept improves comfort

EXCELLENT AFTER-SALE SERVICE

Global after-sale service system and quick response mechanism

Real-time technical consultation and maintenance



CONVENIENT MAINTENANCE

Easy maintenance design; open the engine hood for no dead angle maintenance

SAFE AND DURABLE

Integrated body design

Strengthened structure and stress dispersing

Upgraded structure to improve load bearing performance

TECHNICAL SPECIFICATIONS

Used in municipalities, construction, landscaping, workshop, irrigation, demolition, and vegetation removal.

ECOLOGICAL AND ECONOMICAL



POWER SYSTEM

Yanmar engine compliant with Euro stage V and North American Tier 4F Emission Standard can effectively reduce fuel consumption and emission. The mechanical oil-injection pump has more reliable performance, sufficient reserve of low speed torque, and strong power.



HYDRAULIC SYSTEM

Key hydraulic components adopt up-to-date technology, featuring hydraulic system with low energy consumption, fast response speed, accurate control, and small impact so that strong digging force and excellent operating efficiency are ensured. The power of the engine and hydraulic system match perfectly so that the engine can work in optimum fuel consumption level to improve fuel efficiency and save operational cost.

MULTIPLE APPLICATIONS



- The independently developed multi-functional intelligent work tool control system can be widely used for municipalities, construction, landscaping, workshop, irrigation, demolition, and vegetation removal. It can meet different operating requirements such as digging, breaking and dismantling, and its working condition adaptability is further strengthened.
- The design has the function of instantaneous pressurization. By means of the pressurization button on the handle, the rising speed of the boom or the traction force of walking can be increased instantaneously, so as to cope with complex working conditions.



The short tailless design and super short slewing radius allow this machine to work in narrow spaces.



The left and right boom swing angles are 75° and 50°, respectively. It can realize complex operation together with upper structure slewing to ensure that the digging is parallel with wall surface in narrow space through the cooperation of upper structure slewing to easily deal with various operating conditions.

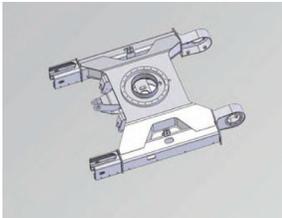
TECHNICAL SPECIFICATIONS

MULTIPLE APPLICATIONS

Cab is equipped with large reinforced glass. This ensures strength and increased visibility. A headlight on the roof allows accurate and safe operation at night.



Strengthened boom and arm, adjusted structure and stress dispersing will greatly improve service life.



With X-frame undercarriage structure, reinforced plate, and enlarged box cross section, bearing performance is greatly improved.

COMFORT AND SAFETY

Spacious cab leading at the forefront of the same level products. The air conditioner, file pockets, seat belts, cup holders and reserve power supply greatly enhance comfort and convenience.



The cab, base plate, and console are integrated by adopting advanced welding technology, which greatly reduces indoor noise and ensures the comfort of operator.



Visual dashboard monitors the whole machine status in real-time, ensures smoother operation.

MAINTENANCE AND SERVICE

The cab can be tilted forward 35°, the engine and its accessories, main valve, slewing motor, and central rotary joint are easily maintained.



After the cab is tilted, the generator, start motor, muffler, electric, and hydraulic systems can be maintained with fully-opened rear hood; there is no dead angle within 360 degrees for maintenance of whole machine.



With the hood is opened, the air conditioner filter, coolant filling port, auxiliary water tank, power master switch, air conditioner, dryer, and battery can be maintained conveniently, which saves both time and labor.

CUSTOMIZATION

ENGINE

Yanmar engine model 3TNV88F, 24 HP at 2200 RPM
Emission level - Euro V, North American 4F
Air cleaner (equipped with air cleaner blockage indicator)
Double filter element of air filter
Automatic idle system
Collector type engine oil filter
Collector type fuel main filter
Fan shroud
Radiator auxiliary water tank
Oil-water separator
Alternator

HYDRAULIC SYSTEM

Control valve with LS overflow valve
Pilot filter
Oil suction filter
Accumulator
Arm flow regeneration
Hydraulic oil ISO VG 46
Spare valve plate

CAB AND INTERIOR TRIM

AM - FM radio with digital display
All - weather soundproof steel structure cab
Beverage cup holder
Two stereo speakers
Engine key switch
Emergency hammer
Fire extinguisher support
Front window washer
Cleanable floor mat
Footrest board
Luxury seat
Openable front upper windshield
Removable front and lower windshield
Tempered glass sliding door and window intermittent windshield wiper
Seat belt
Control handle
Travel control pedal with detachable manual control lever
Coat and hat hook
High and low gears shift
Air conditioning system
Cigarette Lighter/Standby Power Supply
Top sunroof
Internal lighting in the cab
Document bag
Rear-view mirror
LCD monitor

COUNTERWEIGHT

Counterweight

SAFETY AND SECURITY CONFIGURATION

Driving door locks and cabin locks
Alarm horn
Parking brake for walking
Rotary parking brake
Battery circuit breaker
Pusher retaining valve
Explosion-proof valve for boom and arm pipeline
Rotary alarm lamp
Hydraulic safety locking lever
Emergency escape hammer
Left and right rear-view mirrors
Front work light
Counterweight reflector
Falling object protection structure (FOPS)

CHASSIS SYSTEM AND SHIELD

Track tensioning mechanism
Bottom frame traction ring
Rubber belt track
Bottom sealing plate of chassis
Walking motor sealing plate
Track clamp
Bulldozer blade
Supporting chain wheel and supporting wheel

WORKING DEVICE

Boom (2.56 m) (8'5")
Arm (1.35 m) (4'5")
Bucket 0.12 m³ (0.2 yd³) (ISO full bucket)

ELECTRICAL SYSTEM

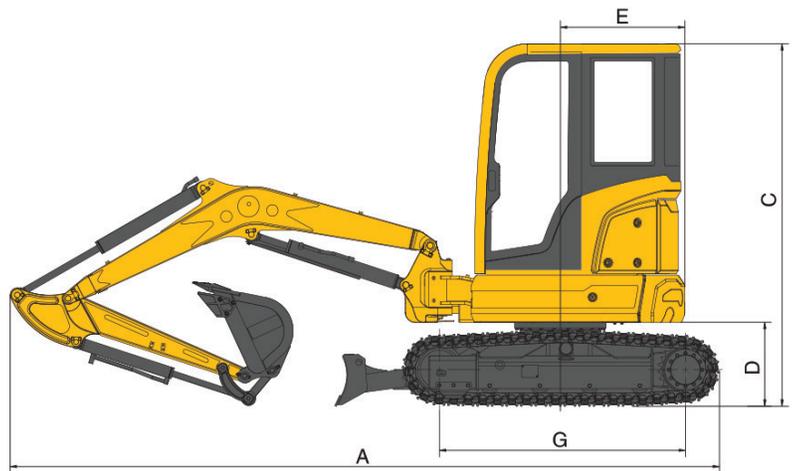
Battery 12 volt
12 volt power interface
Engine cooling water temperature display
Fuel level display
Engine RPM display
Working hour meter
Engine oil pressure, engine overheat alarm
Charging indication
Air filter clogging alarm
Engine warm-up indication
Hydraulic oil temperature alarm
Battery disconnect switch

LIGHTING LAMP

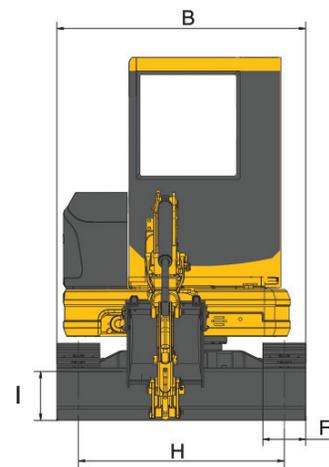
Left boom working lights
Working light mounted on cab

OVERALL DIMENSIONS

		Parameters	
		ft/in	mm
A	Overall Length	16'3"	4970
B	Overall Width	5'8"	1740
C	Overall Height	8'4"	2535
D	Counterweight Clearance	1'11"	587
E	Minimum Tail Swing Radius	2'11"	870
F	Track Shoe Width	1'	300
G	Crawler Base	5'7"	1721
H	Track Gauge	4'8"	1440
I	Minimum Ground Clearance	1'	297
Dozer Blade (Width/Height)		68"x14"	1740x358



Additional Dimensions		Parameters	
		lbs	kg
Weight		9259	4200



WORKING RANGE

		Parameters	
		ft/in	mm
A	Maximum Digging Height	16'5"	5000
B	Maximum Dumping Height	11'10"	3600
C	Maximum Digging Depth	10'1"	3060
D	Maximum Vertical Wall Digging Depth	7'5"	2260
E	Maximum Digging Radius	17'5"	5300
F	Minimum Swing Radius	7'1"	2170
Maximum Dozer Lifting Height		1'	305
Maximum Dozer Cutting Depth		1'2"	360

