



# XE45U **PRO**

## HYDRAULIC EXCAVATOR

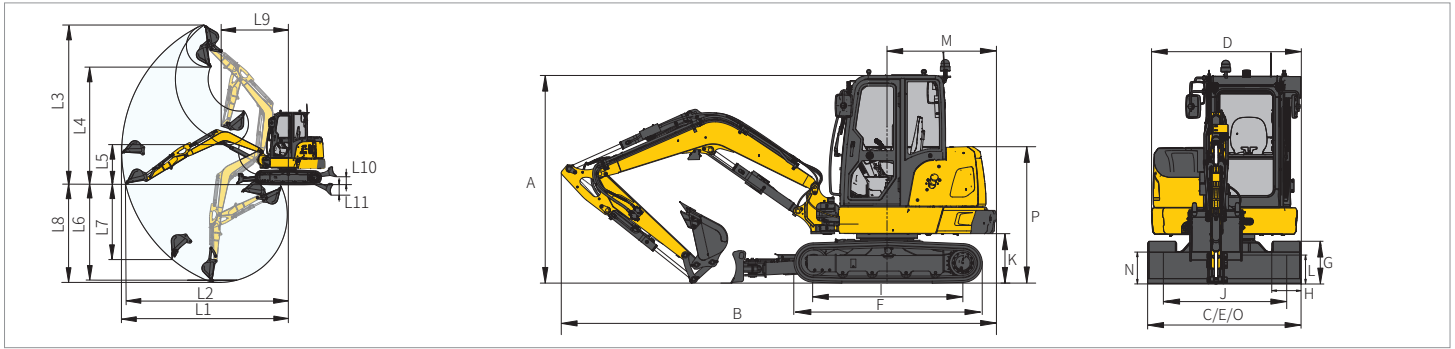


● Operating weight ( lb ): 10583

● Bucket capacity ( yd<sup>3</sup> ): 0.16

● Rated power ( hp ): 39.83

- The XE45U can effortlessly handle diverse harsh working conditions, meeting continuous operation demands in high-intensity, complex environments.
- It is powered by a turbocharged, high-pressure common rail, electronically controlled direct injection engine, delivering efficient combustion, energy savings, environmental friendliness, and excellent high-altitude performance.
- The intelligent electronic control system dynamically balances power and hydraulic output, delivering class-leading fuel efficiency while enabling more precise control.
- The comfortable cab features an 8-inch color touchscreen, centralized control buttons, and multi-duct air conditioner for enhanced human-machine interaction.



## Technical Specifications

Item contents	Unit	Parameters
Operating mass	lb	10583
<b>Engine</b>		
Engine brand/model	-	Kubota D1803
Rated power/rpm	hp/rpm	39.83/2200
Direct injection	-	✓
Electric injection	-	✓
4-stroke	-	✓
Water-cooled	-	✓
Turbocharged	-	✓
Stroke	in	4.03
Cylinder bore	in	3.43
Number of cylinders	-	3
Maximum torque/rpm	lb·ft/rpm	111/1500
Displacement	gal	0.48
<b>Main performance</b>		
Travel speed (high/low)	mph	3.1/1.61
Swing speed	r/min	9.5
Maximum swing torque	lb·ft	6416.88
Gradeability	-	35° (70%)
Ground contact pressure	psi	4.93
Bucket digging force (ISO)	lbf	7643.54
Arm digging force (ISO)	lbf	4945.82
Maximum traction force	lbf	8992.4
<b>Hydraulic system</b>		
Main pump	-	1 × Variable displacement pump
Maximum flow rate of main system	GPM	34.87
Main system pressure	psi	3263.23
Pilot system pressure	psi	536.62
Traveling system pressure	psi	3480.78
Swing system pressure	psi	2987.67
<b>Tracks</b>		
Standard track shoe width	in	13.78
Number of track rollers (per side)	-	4
Number of track carrier rollers (carrier plate) (per side)	-	1
<b>Cab standard</b>		
ISO 10262: 1998 (OPG)	-	✓
ISO 12117-2: 2008 (ROPS)	-	✓

Item contents	Unit	Parameters
<b>Dimensions</b>		
A Overall height	in	98.62
B Overall length	in	206.69
C Overall width	in	72.83
D Upper structure width	in	69.21
E Undercarriage width	in	72.83
F Track length	in	88.54
G Track height	in	20.31
H Standard track shoe width	in	13.78
I Crawler base	in	70.87
J Track gauge	in	59.06
K Counterweight ground clearance	in	23.5
L Minimum ground clearance	in	11.44
M Rear-end swing radius	in	47.83
N Dozer blade height	in	15.43
O Dozer blade width	in	72.83
P Height of engine hood	in	64.84
<b>Working range</b>		
L1 Maximum reach	in	225.98
L2 Maximum reach at GRP	in	219.88
L3 Maximum digging height	in	215.71
L4 Maximum dumping height	in	159.53
L5 Minimum unloading height	in	54.25
L6 Digging depth at 8 feet floor length	in	126.38
L7 Maximum vertical digging depth	in	105.51
L8 Maximum digging depth	in	131.57
L9 Minimum swing radius	in	89.02
L10 Maximum lifting height of dozer blade	in	16.42
L11 Maximum cutting depth of dozer blade	in	20.2
Boom deflection angle (left)	°	70
Boom deflection angle (right)	°	53
<b>Oil capacity</b>		
Fuel tank capacity	gal	17.17
Hydraulic oil tank capacity	gal	9.51
<b>Standard</b>		
Length of boom	in	102.36
Length of arm	in	62.99
Bucket capacity	yd <sup>3</sup>	0.16 <small>(General duty bucket)</small>
<b>Optional</b>		
Length of boom	in	-
Length of arm	in	-
Bucket capacity	yd <sup>3</sup>	0.07/0.14 <small>(General duty bucket)</small> 0.24 <small>(Ditch cleaning bucket)</small>

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