

U

U35-4

Kubota

SPECIFICATIONS

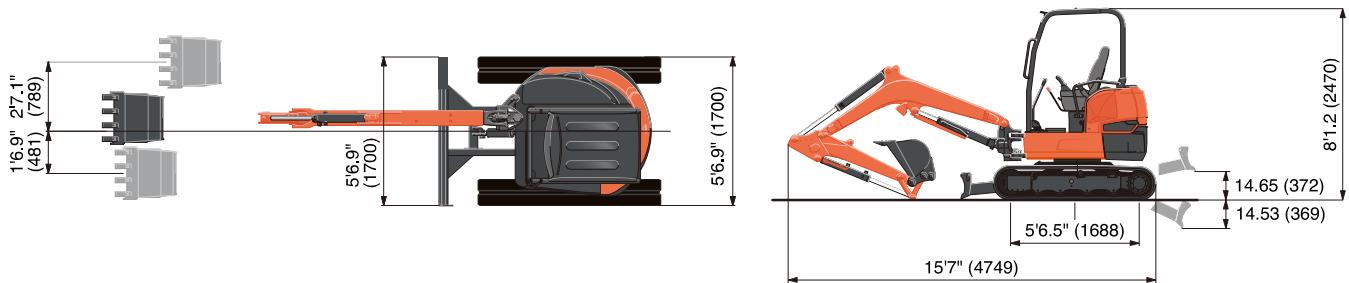
Specifications

Model				U35-4	U35-4 Angle Blade
Type of ROPS / OPG (Top Guard Level I)*				Canopy / Cab	
Type of tracks				Rubber / Steel	Rubber / Steel
Engine	Model			Kubota D1703M-DI-E4	
	Output (SAE J1995 gross)		HP (kW) / rpm	24.8 (18.5) / 2200	
	Output (SAE J1349 net)		HP (kW) / rpm	23.9 (17.8) / 2200	
	Displacement		cu. in. (cc)	100.5 (1647)	
Dimensions	Overall length		ft. in. (mm)	15'7" (4749)	
	Overall height		ft. in. (mm)	8'1.2 (2470)	
	Overall width		ft. in. (mm)	5'6.9" (1700)	
	Min. ground clearance		in. (mm)	11.34 (288)	
Hydraulic system	Pump capacity		GPM (ℓ/min)	10.5 (39.6) x 2 / 5.5 (20.9) x 1	
	Auxiliary hydraulic flow	AUX1	GPM (ℓ/min)	15.8 (60)	
	Max. breakout force	Bucket / Arm	lbs. (kgf)	7924 (3594) / 4451 (2019)	
Drive system	Travel speed		Low / High	mph (km/h)	
	Max. traction force		Low speed	lbs. (kgf)	
	Tumbler distance		ft. in. (mm)	5'6.5" (1688)	
	Crawler length		ft. in. (mm)	6'10" (2084)	
	Shoe width	Rubber	in. (mm)	11.8 (300)	
	Ground contact pressure	Rubber Canopy / Cab	psi (kgf/cm ²)	4.89 (0.34) / 5.08 (0.36)	
		Steel Canopy / Cab	psi (kgf/cm ²)	5.00 (0.35) / 5.19 (0.36)	
Swing system	Unit swing speed		rpm	8.9	
	Boom swing angle	Left / Right	degree	71 / 45	
Blade	Dimensions	Width	ft. in. (mm)	5'6.9" (1700)	
		Height	ft. in. (mm)	1'1.5" (343)	1'3.2" (385)
	Max. lift above ground		in. (mm)	14.65 (372)	15.98 (406)
	Max. drop below ground		in. (mm)	14.53 (369)	18.74 (476)
	Angle	Left / Right	degree	-	25 / 25
Hydraulic oil (Reservoir / System)			gal (ℓ)	11.8 (44.6) / 16.1 (61)	
Fuel reservoir			gal (ℓ)	12.4 (46.9)	
Operating weight (Including operator's weight @ 175 lbs.)	Rubber Canopy / Cab	lbs. (kgf)	8129 (3687) / 8451 (3833)	8478 (3845) / 8800 (3991)	
	Steel Canopy / Cab	lbs. (kgf)	8325 (3776) / 8647 (3922)	8674 (3934) / 8996 (4080)	

* OPG (Top Guard Level I) in accordance with ISO10262 is equivalent in definition to FOPS (Falling Object Protective Structure).

The company reserves the right to change the above specifications without notice. This brochure is for descriptive purposes only. Please contact your local Kubota dealer for warranty information. For your safety, Kubota strongly recommends the use of a Rollover Protective Structure (ROPS) and seat belt for almost all applications.

DIMENSIONS



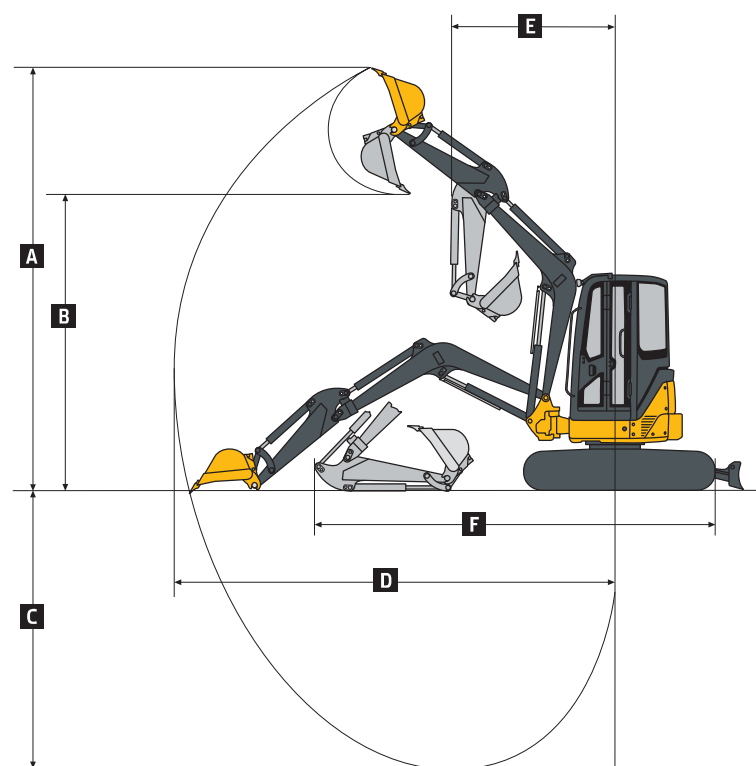
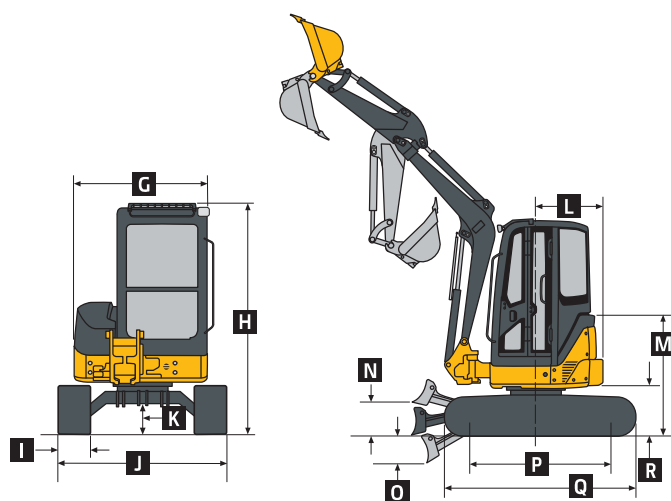
35D

Engine		35D			
Manufacturer and Model		Yanmar 3TNV88			
Non-Road Emissions Standard		EPA Interim Tier 4/EU Stage IIIB			
Displacement		1.606 L (100.4 cu. in.)			
Net Power (ISO 9249)		21.3 kW (28.6 hp) at 2,400 rpm			
Powertrain					
Each track independently driven by hydrostatic axial-piston motor connected to 2-stage planetary gear-reduction box					
Travel Speed (maximum)					
Low		2.8 km/h (1.7 mph)			
High		4.4 km/h (2.8 mph)			
Swing Speed		9.0 rpm			
Swing Brake		Spring applied, hydraulically released, automatic, disc type			
Hydraulics					
Open center with 2 variable-displacement pumps and 1 fixed-gear pump					
Pump Flow					
Piston		2 x 40.1 L/m (2 x 10.6 gpm)			
Gear		26.1 L/m (6.9 gpm)			
Auxiliary Flow		66.2 L/m (17.5 gpm)			
Controls		Hydraulic pilot-operated for boom, arm, bucket, swing, boom swing, blade, and travel			
Electrical					
Alternator Rating		55 amp			
Work Lights		2 halogen: 1 mounted on operator's station and 1 mounted on boom			
Undercarriage					
2-speed axial-piston propel motors					
Tracks, Rubber		300 mm (12 in.)			
Ground Pressure		1.35-m (4 ft. 4 in.)	1.35-m (4 ft. 4 in.)	1.75-m (5 ft. 8 in.)	1.75-m (5 ft. 8 in.)
		Standard Arm, Canopy, and Standard Counterweight	Standard Arm, Cab, and Standard Counterweight	Long Arm, Canopy, and Extra Counterweight	Long Arm, Cab, and Extra Counterweight
With Rubber Track		31.7 kPa (4.60 psi)	33.1 kPa (4.80 psi)	35.0 kPa (5.08 psi)	38.1 kPa (5.53 psi)
Upperstructure					
Independent Swing Boom					
Left		72 deg. canopy / 62 deg. cab			
Right		62 deg. canopy or cab			
Counterweight					
Standard		566 kg (1,246 lb.)			
Additional		235 kg (518 lb.)			
Serviceability					
Refill Capacities					
Fuel Tank		40 L (10.6 gal.)			
Cooling System		5.0 L (5.3 qt.)			
Engine Oil with Filter		7.2 L (7.6 qt.)			
Hydraulic Tank		32 L (8.5 gal.)			
Operating Weights					
		1.35-m (4 ft. 4 in.)	1.35-m (4 ft. 4 in.)	1.75-m (5 ft. 8 in.)	1.75-m (5 ft. 8 in.)
		Standard Arm, Canopy, and Standard Counterweight	Standard Arm, Cab, and Standard Counterweight	Long Arm, Canopy, and Extra Counterweight	Long Arm, Cab, and Extra Counterweight
With Full Fuel Tank and 79-kg (175 lb.) Operator		3520 kg (7,760 lb.)	3690 kg (8,135 lb.)	3778 kg (8,329 lb.)	3948 kg (8,704 lb.)



Operating Dimensions		35D	1.35-m (4 ft. 4 in.) Standard Arm, Cab, and Standard Counterweight	1.35-m (4 ft. 4 in.) Standard Arm, Cab, and Standard Counterweight	1.75-m (5 ft. 8 in.) Long Arm, Canopy, and Extra Counterweight	1.75-m (5 ft. 8 in.) Long Arm, Cab, and Extra Counterweight
A	Maximum Digging Height	4.87 m (16 ft. 0 in.)	4.71 m (15 ft. 5 in.)	4.95 m (16 ft. 3 in.)	4.76 m (15 ft. 7 in.)	
B	Maximum Dumping Height	3.47 m (11 ft. 5 in.)	3.32 m (10 ft. 11 in.)	3.57 m (11 ft. 9 in.)	3.39 m (11 ft. 1 in.)	
C	Maximum Digging Depth	3.05 m (10 ft. 0 in.)	3.05 m (10 ft. 0 in.)	3.45 m (11 ft. 4 in.)	3.45 m (11 ft. 4 in.)	
D	Maximum Digging Reach	5.21 m (17 ft. 1 in.)	5.21 m (17 ft. 1 in.)	5.52 m (18 ft. 1 in.)	5.52 m (18 ft. 1 in.)	
E	Minimum Front Swing Radius	2.07 m (6 ft. 9 in.)	2.23 m (7 ft. 4 in.)	2.17 m (7 ft. 1 in.)	2.30 m (7 ft. 7 in.)	
F	Transport Length	4.65 m (15 ft. 3 in.)	4.65 m (15 ft. 3 in.)	4.78 m (15 ft. 8 in.)	4.78 m (15 ft. 8 in.)	
Breakout Force						
	Bucket	27.5 kN (6,182 lb.)	27.5 kN (6,182 lb.)	27.5 kN (6,182 lb.)	27.5 kN (6,182 lb.)	
	Arm	19.1 kN (4,294 lb.)	19.1 kN (4,294 lb.)	17.2 kN (3,866 lb.)	17.2 kN (3,866 lb.)	

Machine Dimensions		
	Blade Width	1.74 m (5 ft. 9 in.)
	Blade Height	370 mm (14.6 in.)
G	Upperstructure Width	1.55 m (5 ft. 1 in.)
H	Overall Height	
	Canopy	2.46 m (8 ft. 1 in.)
	Cab	2.50 m (8 ft. 2 in.)
I	Track Width	300 mm (12 in.)
J	Undercarriage Width	1.74 m (5 ft. 9 in.)
K	Ground Clearance	280 mm (11 in.)
L	Tail Swing Radius	
	Standard Arm	870 mm (34 in.)
	Long Arm with Extra Counterweight	960 mm (3 ft. 2 in.)
M	Engine Cover Height	1.42 m (4 ft. 8 in.)
N	Maximum Blade Lift Above Ground	370 mm (14.6 in.)
O	Maximum Blade Drop Below Ground	390 mm (15.4 in.)
P	Sprocket Center To Idler Center	1.65 m (5 ft. 5 in.)
Q	Track Length	2.11 m (6 ft. 11 in.)
R	Counterweight Clearance	550 mm (22 in.)



Lift Capacities		1.35-m (4 ft. 4 in.) Standard Arm and Canopy	1.35-m (4 ft. 4 in.) Standard Arm and Cab	1.75-m (5 ft. 8 in.) Long Arm and Canopy	1.75-m (5 ft. 8 in.) Long Arm and Cab
Ground Level at 3.05-m (10 ft.) Radius					
	Over Front, Blade Down (limited by hydraulics), Standard or Extra Counterweight	1505 kg (3,315 lb.)	1505 kg (3,315 lb.)	1422 kg (3,133 lb.)	1422 kg (3,133 lb.)
Over Side					
	Standard Counterweight	653 kg (1,439 lb.)	688 kg (1,516 lb.)	648 kg (1,428 lb.)	683 kg (1,505 lb.)
	Extra Counterweight	775 kg (1,708 lb.)	775 kg (1,708 lb.)	770 kg (1,697 lb.)	805 kg (1,773 lb.)