

U35-4HG MINI HYDRAULIC EXCAVATOR | 3T

PRODUCT SPECIFICATIONS

KUBOTA

Model	
Type of ROPS / FOPS	ISO-certified Cab ROPS / FOPS Level 1
Type of tracks	Rubber
Engine	
Model	Kubota D1703-M-DI-E4
Output (SAEJ 1995 gross)	24.8 kW / 33.2 hp
Output (SAEJ 1349 gross)	23.8 kW / 31.9 hp
Displacement	1.647 L / 100.5 in ³
Hydraulic system	
Pump capacity	94.3 L/min / 24.9 gal/min
Auxiliary hydraulic flow Left / Right	38.0 L/min / 10.0 gal/min
Max. breakout force	30.1 kN / 6,770 lbf
Drive system	
Travel speed Rubber Low / High	2.8 km/h / 1.7 mph
Travel speed Steel Low / High	4.9 km/h / 3.0 mph
Max. traction force Low speed	32.0 kN / 7,194 lbf
Tumbler distance	1,570 mm / 61.8 in
Crawler length	1,990 mm / 78.3 in
Shoe width Rubber / Steel	300 mm / 11.8 in - 300 mm / 11.8 in
Ground contact pressure Rubber	32.7 kPa / 4.7 psi
Ground contact pressure Steel	33.5 kPa / 4.9 psi
Swing system	
Unit swing speed	9.3 rpm / 9.3 rpm
Boom swing angle Left / Right	70 / 55 degree
Blade	
Dimensions Width	1,700 mm / 66.9 in
Dimensions Height	375 mm / 14.8 in
Max. lift above ground	445 mm / 17.5 in
Max. drop below ground	310 mm / 12.2 in
Angle	25° left / 25° right
Hydraulic oil (Reservoir / System)	38 L / 10.0 gal - 56 L / 14.8 gal
Fuel reservoir	45 L / 11.9 gal
Operating weight (Including operator's weight @ 75 kgs)	
Rubber	3,760 kg / 8,289 lb
Steel	3,840 kg / 8,465 lb

WORKING RANGE

Model		U35-4
A	Max. digging height	mm 4840
B	Max. dumping height	mm 3400
C	Max. digging depth	mm 3010
D	Max. vertical digging depth	mm 2010
E	Max. digging radius at ground	mm 5170
F	Max. digging radius	mm 5280
G	Min. turning radius	W/O swing mm 2220
		W swing mm 1760
H	Min. tail turning radius	mm 900

LIFTING CAPACITY

LIFT POINT HEIGHT (m)	LIFTING CAPACITY OVER-FRONT BLADE DOWN unit=kg			LIFTING CAPACITY OVER-SIDE unit=kg		
	LIFT POINT RADIUS (m)			LIFT POINT RADIUS (m)		
	2.5	3.5	MAX	2.5	3.5	MAX
2.5	—	560	570	—	560	410
1.5	1040	680	580	880	530	360
0.5	1410	820	600	820	500	350
GL	0	1450	850	800	490	360

Machine with ROPS canopy and rubber crawler, without bucket

