

High Production...Specifications Tell It All.

KH100D

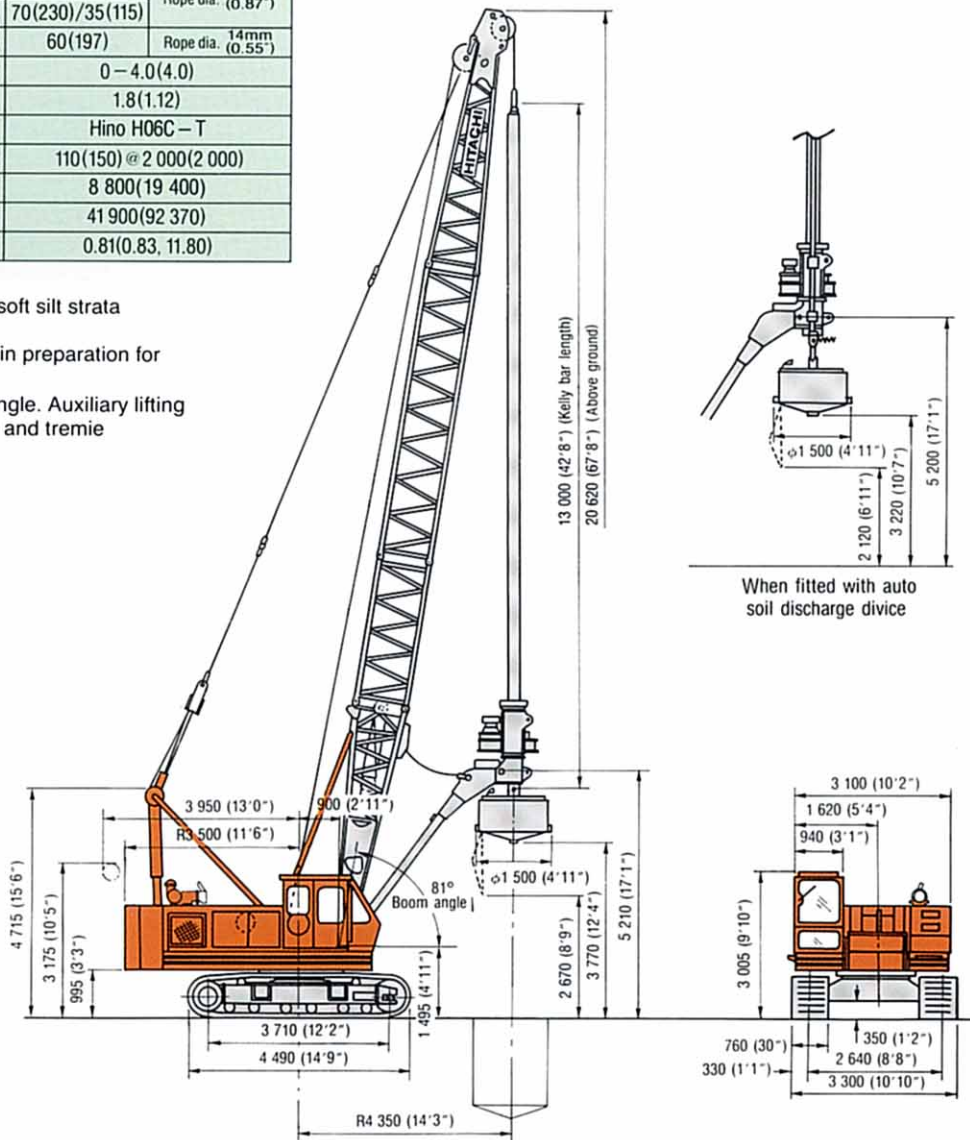
● Specifications

Model		KH100D	
Boom length		m(ft in)	
Max. drilling diameter mm (ft in)	Bucket	1 500(4'11")	
	Common soil	1 700(5'7") (Light-duty)	
	Reamer knife*2	2 000(6'7")	
Max. drilling depth m(ft in)	Kelly bar	42(137'10")	
	Stem rod	52(170'7")	
Bucket rotation torque		kN·m(kgf·m, lbf·ft)	
		0-40.2(0-4 100, 0-29 660)(Forward) 0-49(0-5 000, 0-36 170)(Reverse)	
Max. bucket hoist force		kN(kgf, lbf)	
		123.6(12 600, 27 780)	
Max. auxiliary lifting capacity*3		kg(lb)	
		4 900(10 800)	
Working speeds	Bucket rotation (high/low)*4	min ⁻¹ (rpm)	0-30(30)/0-15(15)
	Bucket hoist speed (high/low)*4	m/min(ft/min)	70(230)/35(115)
	Auxiliary hoist speed (high/low)*4	m/min(ft/min)	70(230)/35(115)
	Boom hoist speed*4	m/min(ft/min)	60(197)
Swing		min ⁻¹ (rpm)	0-4.0(4.0)
Travel speed*4		km/h(mph)	1.8(1.12)
Engine	Model	Hino H06C-T	
	Rated output kW(PS)@min ⁻¹ (rpm)	110(150)@2 000(2 000)	
Counterweight		kg(lb)	8 800(19 400)
Operating weight		kg(lb)	41 900(92 370)
Ground pressure		bar(kgf/cm ² , psi)	0.81(0.83, 11.80)

NOTES:

- *1 Light-duty implies drilling in loam strata and soft silt strata (with N-value of no more than 30).
- *2 Reamer knife is used to enlarge a downhole in preparation for top casing.
- *3 Lifting capacity varies depending on boom angle. Auxiliary lifting implies placing top casing, reinforcing cages and tremie pipes into downholes.
- *4 Speed varies with load.

● Dimensions Unit: mm (ft in)



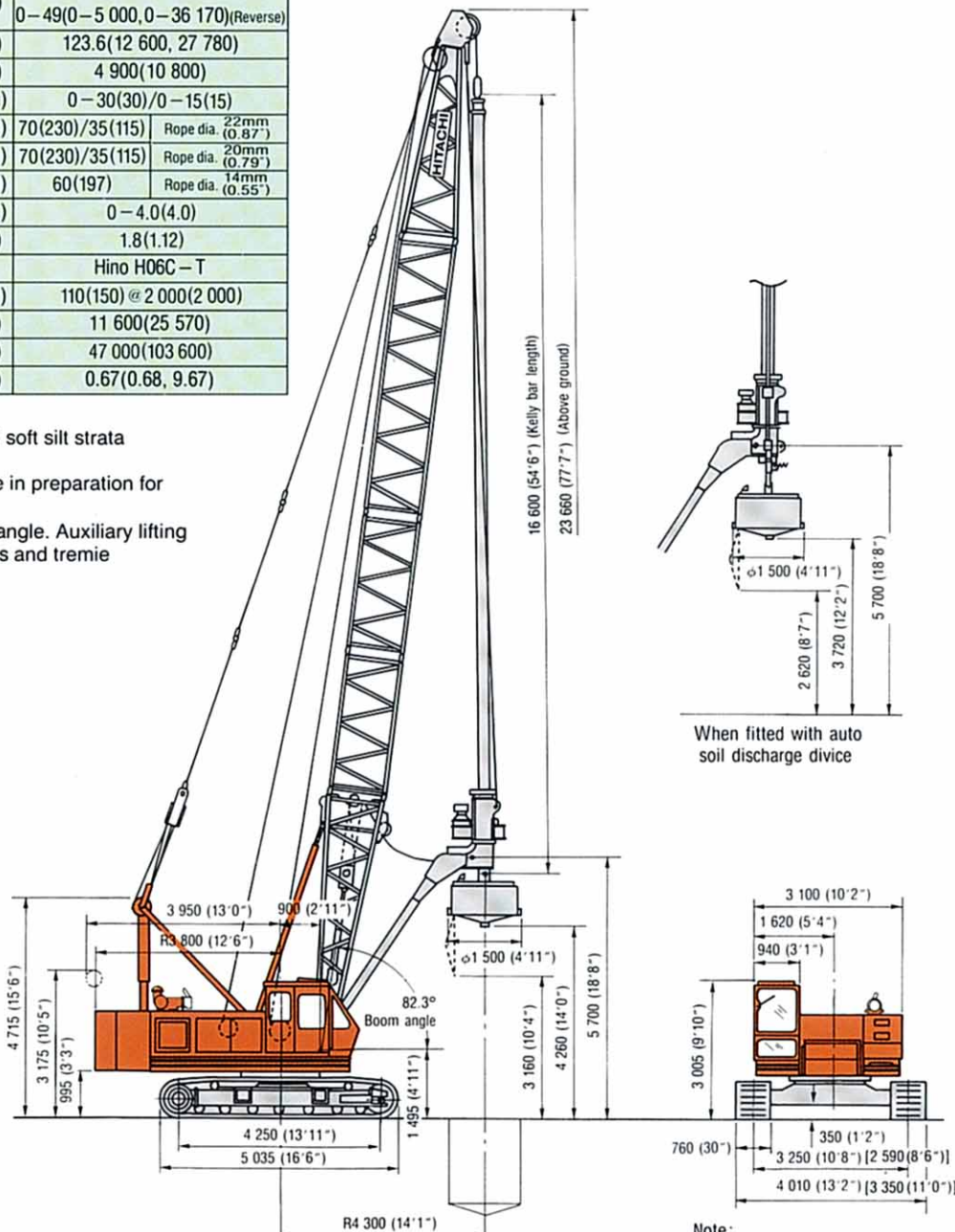
KH125-3

● Specifications

Model		KH125-3	
Boom length		m(ft in)	
Max. drilling diameter mm (ft in)	Bucket	1 500(4'11")	
	Common soil	1 700(5'7") (Light-duty)	
	Reamer knife*2	2 000(6'7")	
Max. drilling depth m(ft in)	Kelly bar	55(180'5")	
	Stem rod	65(213'3")	
Bucket rotation torque		kN·m(kgf·m, lbf·ft)	
		0-40.2(0-4 100, 0-29 660)(Forward) 0-49(0-5 000, 0-36 170)(Reverse)	
Max. bucket hoist force		kN(kgf, lbf)	
		123.6(12 600, 27 780)	
Max. auxiliary lifting capacity*3		kg(lb)	
		4 900(10 800)	
Working speeds	Bucket rotation (high/low)*4	min ⁻¹ (rpm)	0-30(30)/0-15(15)
	Bucket hoist speed (high/low)*4	m/min(ft/min)	70(230)/35(115)
	Auxiliary hoist speed (high/low)*4	m/min(ft/min)	70(230)/35(115)
	Boom hoist speed*4	m/min(ft/min)	60(197)
Swing		min ⁻¹ (rpm)	0-4.0(4.0)
Travel speed*4		km/h(mph)	1.8(1.12)
Engine	Model	Hino H06C-T	
	Rated output kW(PS)@min ⁻¹ (rpm)	110(150)@2 000(2 000)	
Counterweight		kg(lb)	11 600(25 570)
Operating weight		kg(lb)	47 000(103 600)
Ground pressure		bar(kgf/cm ² , psi)	0.67(0.68, 9.67)

NOTES:

- *1 Light-duty implies drilling in loam strata and soft silt strata (with N-value of no more than 30).
- *2 Reamer knife is used to enlarge a downhole in preparation for top casing.
- *3 Lifting capacity varies depending on boom angle. Auxiliary lifting implies placing top casing, reinforcing cages and tremie pipes into downholes.
- *4 Speed varies with load.



Note:
Figures in [] are dimensions of
crawlers retracted.

