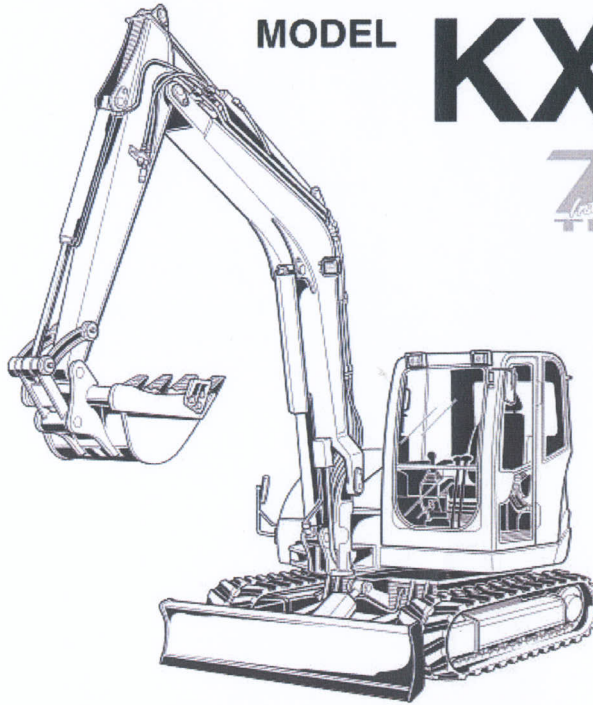


HAZARD IDENTIFICATION and RISK ASSESSMENT

KX080-3

MODEL **KX080-3**

T4
 TIER



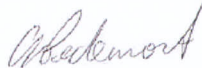

Assessment Date	2/10/2014
Revision	A
Assessment Location	KTA
Assessment Team	Alex Pedemont
Model Assessed	KX080-3
Serial Number	8DY4037

	Sample	Production
Type of Unit		✓

- Section 1: Machine Specifications
- Section 2: Risk Assessment Tables
- Section 3: Hazard Identification and Risk Assessment
- Section 4: Required Risk Controls - Manufacturer

Kubota Tractor Australia have performed this risk assessment on a standard unit for flat ground application. A thorough risk assessment, specific to their application, must be carried out by the end user before the operation of this machine. All operating processes and environments must be carefully considered.

This risk assessment is void unless all the risk controls in section 4 have been completed and all the actions in section 3 J have been controlled.

PREPARED BY: Alex Pedemont Technical Engineer - Construction Date: 9/10/2014		RELEASED BY: Benjamin Binns Engineering Manager Date: 10/10/2014	
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1. Machine Specifications

Noise level testing - Tested by KTA to AS2012

	Noise Level dBA	Reference Standard
Average at operators ear	75.5	AS2012.2
Average at 7m	73.9	AS2012.1

			KUBOTA EXCAVATOR			
Model name			KX080-3			
Type			Cabin			
Operating weight (Including operator's weight)		kg(lbs.)	Rubber tracks	Steel tracks (450 width)	Steel tracks (600 width)	
			8280 (18254)	8330 (18364)	8460 (18475)	
Engine	Type		Water cooled 4 cycle diesel engine with 4 cylinder			
	Model name		KUBOTA V3307DI-T			
	Total displacement		cc			
			3331			
	Engine power	SAE gross	kW(Hp)	52.2 (70.0)		
		SAE net	kW(Hp)	49.6 (66.5)		
Rated speed		rpm	2000			
Performance	Unit swing speed		rpm			
			9.5			
	Travel speed	Fast	km/h	4.9		
		Slow	km/h	2.7		
	Ground pressure (With operator)	kPa (kgf/cm ²)	36.0 (0.367)	36.2 (0.369)	27.6 (0.281)	
	Climbing angle	%(deg)	*36 (20)			
Angle in case of crossing slope	%(deg)	*27 (15)				
Dozer	Width x Height		mm			
				2200 x 500		
Boom swing angle	Left	rad(deg)	1.22 (70)			
	Right	rad(deg)	1.05 (60)			
Pressure connection for attachments	Max. displacement (Theoretical)		L/ min			
			100			
		Max. pressure	Mpa (kgf/cm ²)			
			20.6 (210)			
Fuel tank capacity		L	115			

NOTE :

- Above dimensions are based on the machine with KUBOTA original bucket and 2100 arm.
- Specifications subject to change without notice.
- * With unloaded digging bucket.
- * Firm compacted soil.
- * Operators must exercise extra caution and follow instructions in the operator's manual.
- * Worse condition or heavier attachment to the above will decrease climbing angle.