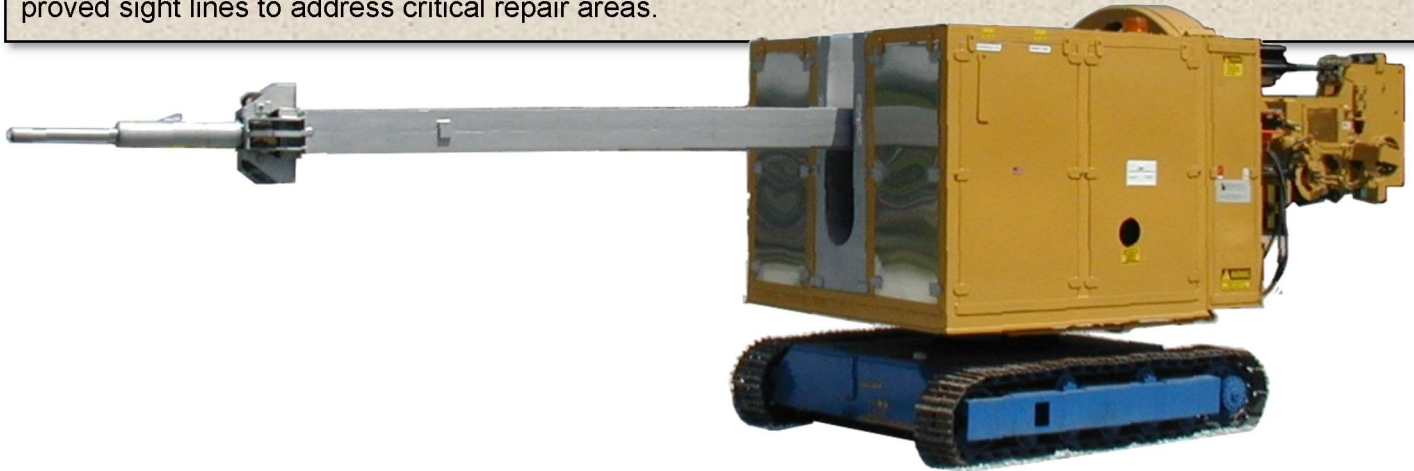


KGM - Manufactured exclusively for the application of refractory gunnite to BOF vessels and other linings requiring hot repair.

The KGM is designed with an effective boom/lance cooling circuit that enables pneumatic refractory application in extremely hot environments. Coupling boom tilt/swing functions with the ability to extend over 30 ft., operators are able to target specific refractory repairs to increase process vessel safety and control operating costs.

The KGM is controlled remotely by KT-Grant Inc.'s proven radio joystick control pedant. This removes operators from any exposure to radiant heat from the process vessel being maintained, and permits improved sight lines to address critical repair areas.



SPECIFICATIONS KGM

GENERAL

Machine length:	27'	(8230 mm)
Machine width:	6'-8"	(2030 mm)
Machine height:	8'-8"	(2642 mm)
Weight:	23,000 lbs.	(10433 kg)

Boom stroke:	28'-5"	(2777 mm)
Boom angles:	+18° -18°	
Boom tilt non-continuous:	360°	
Swing continuous:	360°	
Tracks:	Independent	
	bi-directional	
Travel Speed:	0.8 mph	(1.3 kph)

CONTROLS

Radio joystick pendant controls.

OPTIONAL EQUIPMENT

Wired joystick pendant controls.

HYDRAULIC SYSTEM

Hydraulic pump:	42 GPM/15 GPM (159 LPM/ 56LPM)
Operating pressure:	2175 PSI (150 BAR)
Boom hoist cylinders:	Two (2)
Reservoir capacity:	50 GAL (189 L)
Hydraulic fluid:	Water Glycol

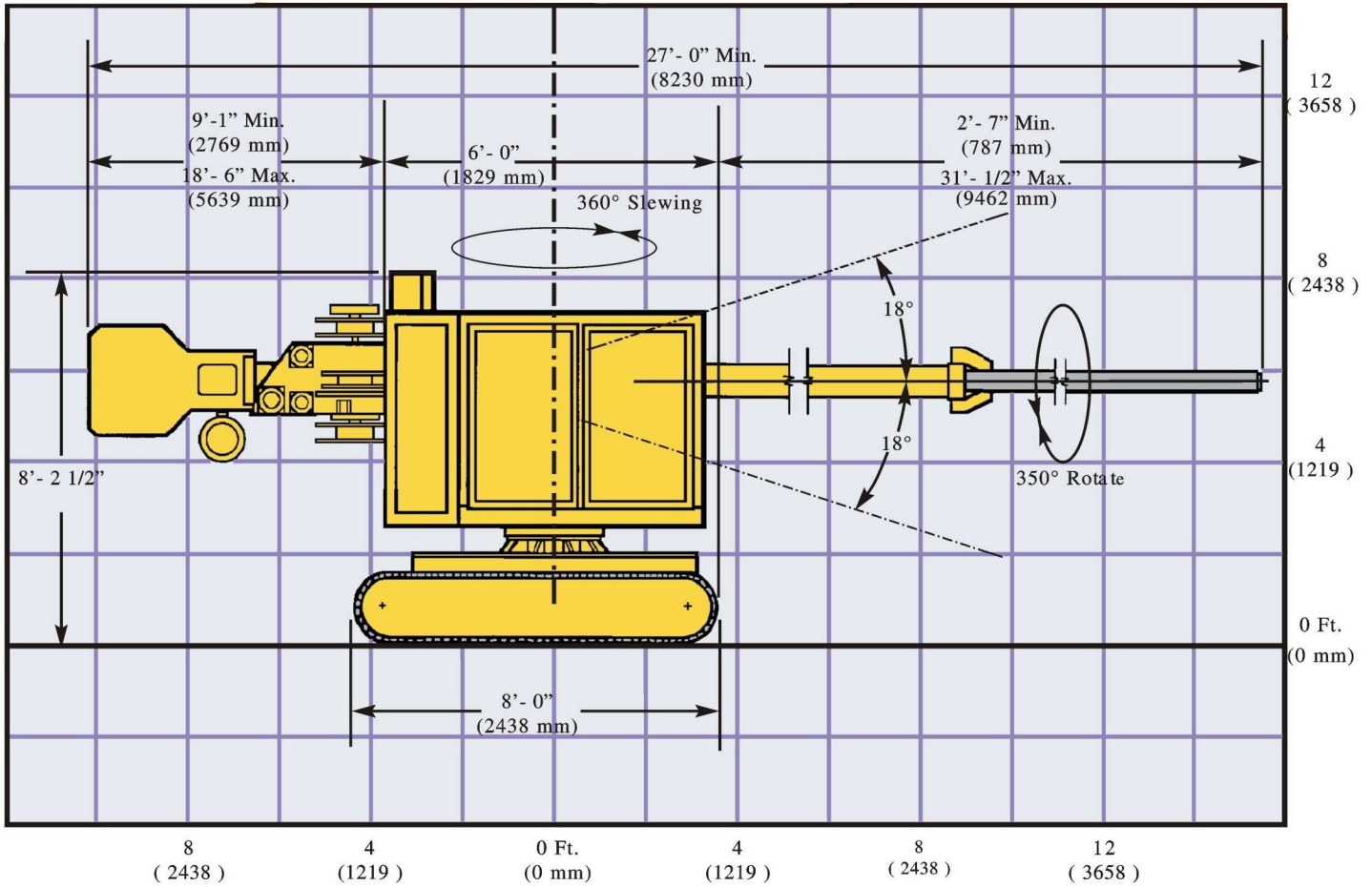
COOLING SYSTEM

Coolant Pump:	40 GPM/40 GPM (151 LPM/40 LPM)
Operating pressure:	250 PSI (17 BAR)
Reservoir capacity:	200 GAL (757 L)
Coolant:	Water/Ethylene Glycol

ENGINE

Model:	John Deere Diesel
Cylinders:	Four (4)
Displacement:	276 Cu. In. (4.5L)
Output:	80 HP @ 2,400RPM
Fuel capacity:	27 GAL (102 L)

KGM WORKING RANGE



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