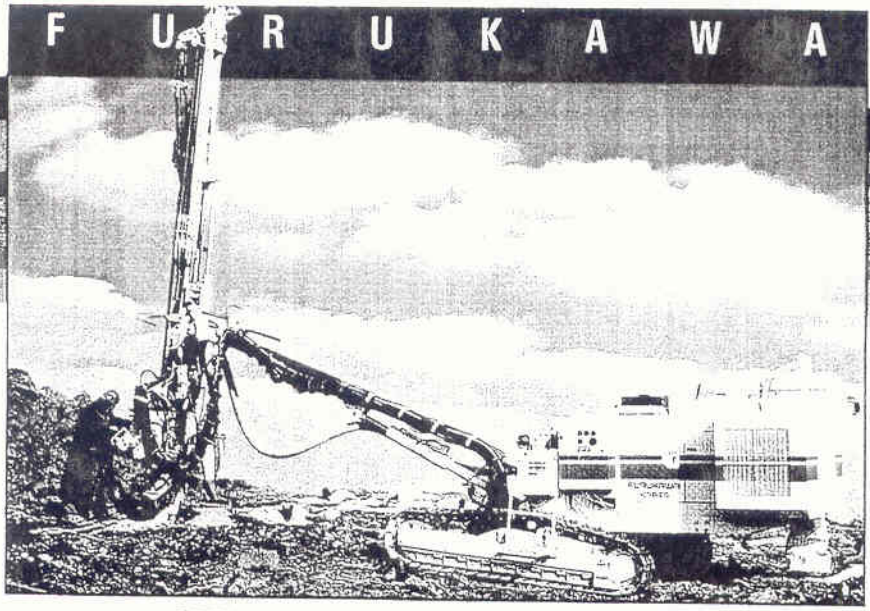
FURUKAWA

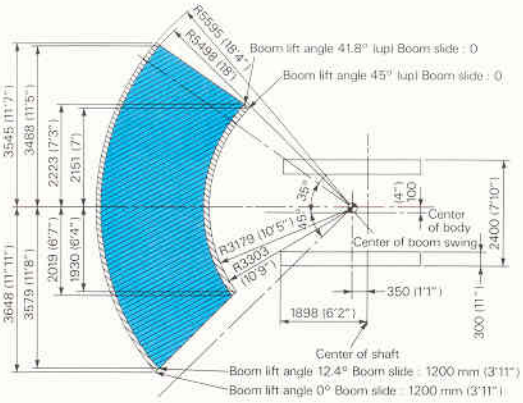


SPECIFICATIONS OF HCR 9 - ES SERIES

GENERAL SPECIFICATIONS		
	Weight	19,840 lbs (9,000 kg)
	Overall length	29'6" (9,000 mm)
	Overall width	7'10" (2,400 mm)
	Overall height	8'5" (2,555 mm)
DRIFTER		
	Model	HD609 II
	Weight	381 lbs (173 kg)
	Blow output	16 hp (12 kW)
	Number of blows	2,200 - 2,500 bpm
	Number of revolutions	0 - 250 rpm
TRAMMING		
	Length of ground contact	7'11" (2,425 mm)
	Oscillating angle	20 degree
	Tramming speed	0 - 2.1 mph (0 - 3.5 km/h)
	Gradeability	30 degree
DIESEL ENGINE		
	Model	ISUZU 6BD1PH-01, water cooled, in line 6 cylinder, direct injection
	Rated output	123 hp (92 kW)
	Allowable operating angle	30 degree
	Fuel tank capacity	53 gal (200 l)
	Fuel consumption	6 gal / h (22.7 l/h)
HYDRAULIC SYSTEM		
	Variable displacement pump	Axial piston pump
	Fixed displacement pump	Gear pump
	Oil tank capacity	45 gal (170 l)
BOOM		
	Model	JE326-22 extension boom
	Boom length	10'11" (3,330 mm)
	Boom extension length	5' (1,500 mm)
GUIDE SHELL		
	Model	GH180
	Overall length	24' (7,335 mm)
	Guide swing angle	Right 40 degree, Left 40 degree
	Feed length	14'10" (4,530 mm)
COMPRESSOR		
	Model	AIR MAN PDS175, screw type
	Free air delivery	175 cfm (5.0 m^3 / min.)
	Working pressure	150 psi (10.5 kg / cm^2)
DUST COLLECTOR		
	Model	A884-20
	Suction capacity	565 cfm (16.0 m^3 / min.)
	Number of filters	3
	Pre-cleaner	Standard
	Suction cap	Liftable type
ELECTRIC SYSTEM		
	Source voltage / Battery	DC24V / 12V, 100 AH / 20 H (2 Batteries)
	Lighting	24V, 70 W x 3 halogen lamps
DRILL RODS		
	Number of rods	4
	Rod length	10 ft (3,050 mm), 12 ft (3,660 mm)
	Thread type	T38 or T45
BIT SIZE		
	Bit diameter	2 1/2" - 3 1/2" (65 - 90 mm)

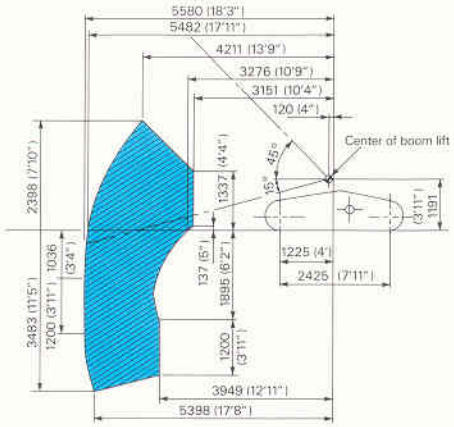
DRILLING COVERAGE

HCR9-E



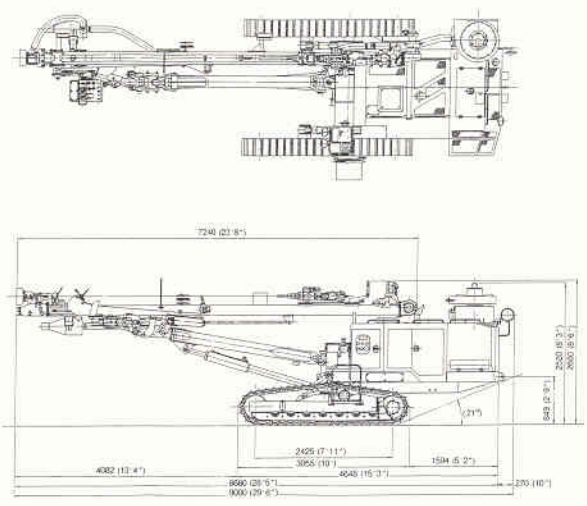
HORIZONTAL DRILLING COVERAGE

VERTICAL DRILLING COVERAGE



VERTICAL DRILLING COVERAGE (The Side)

DIMENSIONS



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