

HCR L90

HYDRAULIC CRAWLER DRILL

EU Stage V / EPA Tier 4 Final

To achieve more powerful and speedy drilling

Wide covering Extension boom

- ✓ High-power Drifter HD828S
 - Highly-efficient percussion system
 - Dual damper system
- ✓ Hole diameter 76 mm-127 mm
- ✓ Safety ROPS/FOPS cabin
- ✓ Advanced rod changer
- ✓ Powerful track



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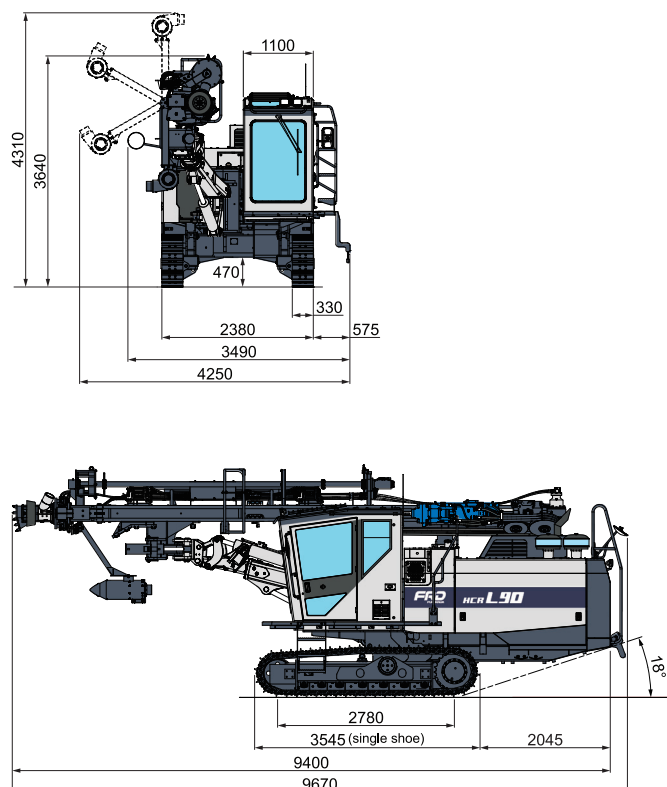


Specifications

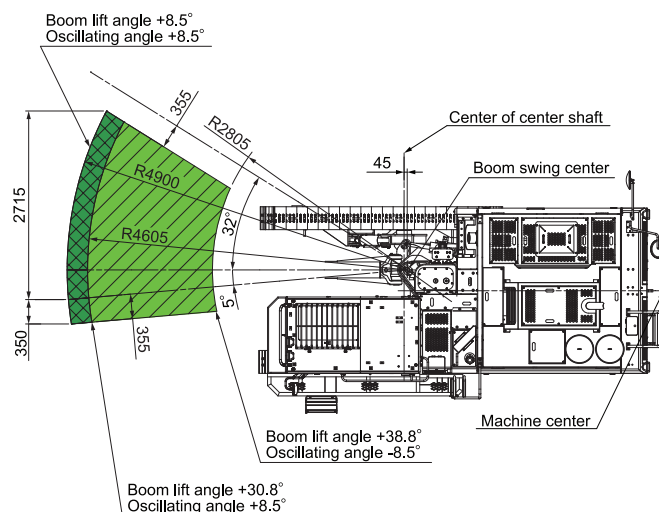
HCR L90		
Dimensions & Weight		
Operating Weight (A) * 1 ROPS/FOPS Cab		16,810 kg
Overall Length (Shipping)		9,670 mm (10,855 mm)
Overall Width (Shipping)		3,490 mm (2,445 mm)
Overall Height (Shipping)		4,310 mm (3,375 mm)
Drifter		
Model		HD828S
Weight (with Reverse Percussion)		271 kg (312 kg)
Impact rate		2,500 - 3,000 min ⁻¹
Rotating speed		0 ~ 190 min ⁻¹
Undercarriage		
Track Length		3,545 mm (Single Shoe) / 3,490 mm (Triple Shoe)
Track Length on ground		2,780 mm
Track Width		330 mm
Ground Pressure * 2		89.8 kPa
Ground Clearance		470 mm (Single Shoe) / 440 mm (Triple Shoe)
Frame Oscillation Angle		± 8.5°
Tramming Speed		0 ~ 3.7 km/h
Gradeability		57.7 % (30°)
Maximum Traction Force		98.5 kN
Engine		
Model		B6.7 (Stage V, Tier4 Final)
Type		Diesel, Water-cooled, 6cylinders
Make		Cummins
Power Output		194 kW / 2,500 min ⁻¹
Fuel Capacity		425 L
DEF Capacity		56.8 L
Hydraulic Equipment		
Variable Displacement PV Pump		PV Pump x 2
Fixed Displacement Pump		Gear Pump x 3
Hydraulic Oil reservoir Capacity		215 L
Boom		
Model		JE326
Type		Extension Boom
Boom Lift Angle		Up 41°, Down 20°
Boom Swing Angle		Right 32° , Left 5°
Boom Slide Length		900 mm
Guide Shell		
Model		GH832
Length		8,700 mm
For 12 feet		4,595 mm (4,420 mm)
Feed Length (with Reverse Percussion)		
For 14 feet		5,225 mm (5,050 mm)
Feed Length (with Reverse Percussion)		
Feed Type		Hydraulic motor driven chain
Guide Slide Length		1,500 mm
Guide Swing Angle		Right 25°, Left 90°
Guide Tilt Angle		170°
Maximum Rod Pull-Out Force		34 kN
Compressor		
Model		PDS265-S37F
Type		1 Stage screw compressor
Free Air Delivery		10 m³/min
Discharge Pressure		1.03 MPa
Dust Collector		
Model		A885
Suction Capacity		40 m³/min
Number of Filter Element		6
Type of Dust Ejection		Automatic air pulse jet
Rod Changer		
Model		GR803
Feet		12 7
Number of Rod Storage		14 6
Rod Length		3,660 mm 4,270 mm
Bit and Rod		
Bit Range		T45, T51 φ76 ~ φ127
Rod Diameter		45R, 51R
Rod Length		3,660 mm (12 feet)
Maximum Starter Rod Length		4,270 mm (14 feet)
Electrics		
Battery		12V; 108 Ah / 5 h
Light		24V; 70 W × 4
Voltage		DC 24 V
Operating Environment		
Ambient Temperature Range		-15 °C ~ +45 °C
Maximum Altitude		Max. 2,500 m

Note: *1 "Overall weight (A)" includes weight of fuel and oils (full)
 *2 "Ground Contact Pressure" is calculated on "Overall Weight (A)".

Dimensions (mm)



Drilling Coverage (mm)



The contents of this specifications are subject to change without notice in the future.