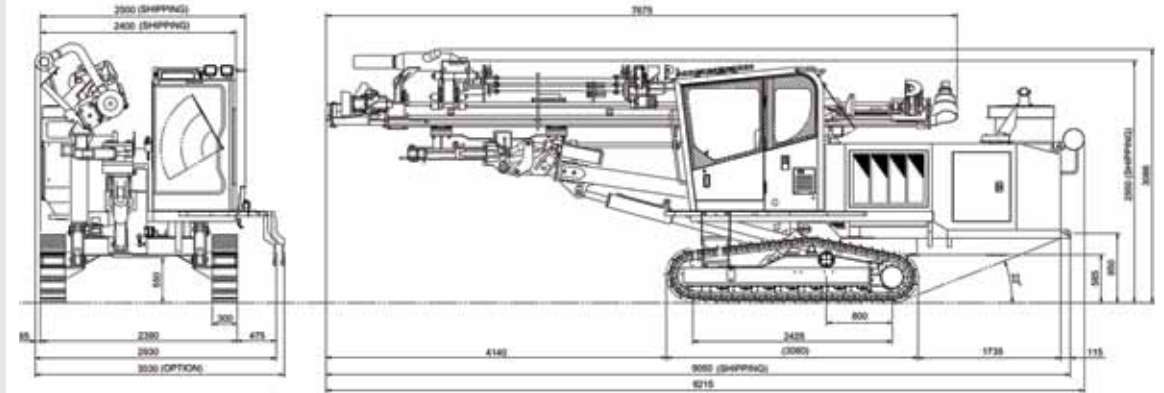


The HCR quarry-allrounder

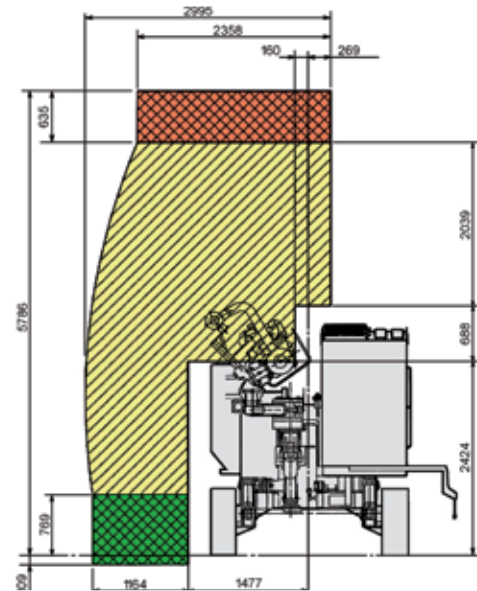


HCR 1000 EDSII

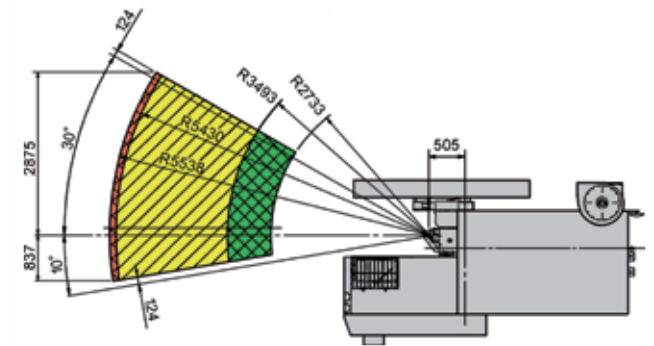


Dimensions (mm)

Horizontal drilling coverage



Vertical drilling coverage



HCR 1000 EDSII

Combining performance and economy

ROPS / FOPS Comfort cab

The standard FOPS/ ROPS cab provides large windows at the front and on the right side to maximize operator visibility. Cab is air conditioned and pressurized with filtered air to keep out dust.

IMS is always monitoring machine conditions and supports trouble shooting by the operator and mechanics. IMS helps to reduce daily maintenance time and down time.



Right side



Control panels



Control boxes



Air conditioned ventilation



Hydraulic lock lever



Control panel

Tilt type control panel, operator friendly design.

Advanced hydraulic & pneumatic systems

Thanks to advanced hydraulic and pneumatic technology, output energy can be transferred to each component with minimum power loss. These systems support high productivity.



Easy handling rod changer

The all hydro-mechanical In-Line design is field proven. Rod change speed is improved over previous designs. Joystick operated rod changer assures fast rod changing.

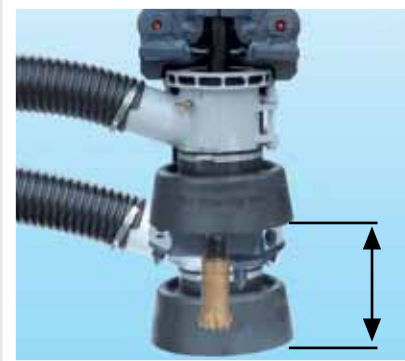
Extension boom

Extension boom increases drilling pattern flexibility.



High output compressor & dust collector

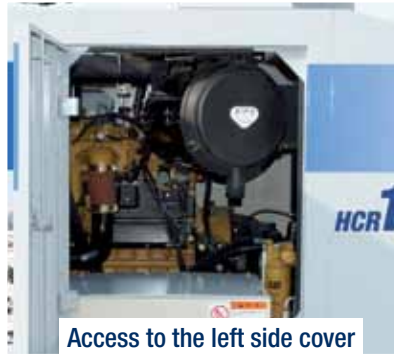
High output compressor increases flushing air, provides faster drilling and decreases bit wear. The upgraded dust collector has a suction capacity higher than previous models. The dust collector includes an effective pre-cleaner to reduce the escape of drilling dust. An optional dust suppression system is available for difficult drilling conditions.



WHERE **EXPERIENCE** COUNTS



Access to the right side cover



Access to the left side cover



Access to the rear cover



Access to the upper cover



Angle indicator



Fire extinguisher



Accessibility to the operator cab

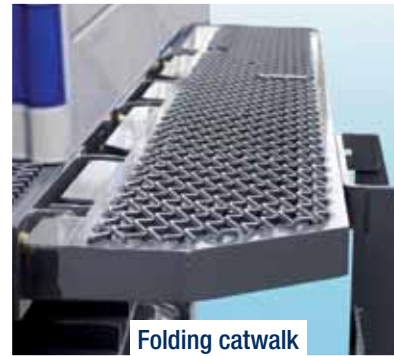
Convenient entrance into the cabin due to a ladder and folding catwalk.



Synthetic hose reels



Hose connections



Folding catwalk

WHERE **EXPERIENCE COUNTS**

FRD FURUKAWA ROCK DRILL

Model	HCR900-ES II / HCR900-ES II (20)		HCR910-DS	HCR1000-EDS II	HCR1200-EDS II
Weight & dimensions					
Operating weight with ROPS/FOPS cab	kg	10270 / 10930	10450	12000	14000
A Overall length	mm	9750 / 10150	8635	9215	9755
B Ground contact length	mm	2425	2425	2425	2780
C Overall width with pre-cleaner	mm	3220	2865	2400	3125
D Width over tracks	mm	2570	2400	2390	2400
E Width of shoe	mm	300		300	330
F Overall height (traveling)	mm	2730	2830	2950	3605 (2975)
Drifter					
Model		HD709	HD709	HD709	HD712
Weight	kg	185	185	185	220
Impact rate	min ⁻¹	2250 - 2500	2250 - 2500	2250 - 2500	2300
Number of rotations	min ⁻¹	0 - 250	0 - 250	0 - 250	0 - 190
Undercarriage					
Ground clearance	mm	550	550	550	460
Oscillating angle	deg	±10°	±10°	±10°	±7.5°
Travel speed	km/h	0 - 3.5	0 - 3.8	0 - 3.8	0 - 3.1
Grade ability	%	57.7 (30°)	57.7 (30°)	57.7 (30°)	57.7 (30°)
Engine					
Make/model		CATERPILLAR / C7	CATERPILLAR / C7	CATERPILLAR / C7	CUMMINS / QSB 6.7
Type		Turbocharged and air to air after cooled diesel, direct fuel injection, electronic governor	Turbocharged and air to air after cooled diesel, direct fuel injection, electronic governor	Turbocharged and air to air after cooled diesel, direct fuel injection, electronic governor	Turbocharged and air to air after cooled diesel, direct fuel injection, electronic governor
Output/speed (gross)	kW/min-1	168 / 2200	168 / 2200	168 / 2200	179 / 2500
		Meets Tier 3 and EU stage-3	Meets Tier 3 and EU stage-3	Net usable output available at flywheel of the installed engine with all the standard accessories. SAEJ1349, SAEJ1995 conditions.	Net usable output available at flywheel of the installed engine with all the standard accessories. SAEJ1349, SAEJ1995 conditions.
Piston displacement	Liter	7.2	7.2	7.2	6.7
Fuel tank capacity	Liter	330	320	320	420
Hydraulic pump					
Type		2-variable displacement piston pumps supply pressure oil for both travel and drilling. 3-gear pumps for cooling and dust collector.	2-variable displacement piston pumps supply pressure oil for both travel and drilling. 3-gear pumps for cooling and dust collector.	2-variable displacement piston pumps supply pressure oil for both travel and drilling. 2-gear pumps for cooling and dust collector.	2-variable displacement piston pumps supply pressure oil for both travel and drilling. 3-gear pumps for cooling and dust collector boom and rod changer.
Hydraulic oil tank capacity	Liter	170	170	170	215

