

HCR 910DS SURFACE DRILLS

TECHNICAL SPECIFICATION



Option	HCR900-ES II	HCR910-DS	HCR1000-EDS II	HCR1200-DS III	HCR1200-ED II	HCR1500-ED II	DCR20	PCR200	PCR DTH
Central lubrication	O	O	O	O	O	O	O	O	O
Detergent system	O	O	O	O	O	O	O	O	O
Fuel pump	O	O	O	O	O	O	O	-	-
Fire prevention system	O	O	O	O	O	O	O	-	-
Rear jack	-	-	-	-	-	-	O	-	-
Low horizontal option	-	-	-	-	O	O	-	-	-
Rod magazin 8+1	-	-	-	-	O	O	-	-	-
Working lights 2 x 70W	O	O	O	O	O	O	O	-	-
Winter package	O	O	O	O	O	O	O	-	-
Rear camera	-	O	O	O	O	O	O	-	-
2D angle indicator	O	O	O	O	O	O	O	-	-
3D angle indicator	O	O	O	O	O	O	O	-	-
Engine and drill data transfer (Flash stick)	O	O	O	O	O	O	O	-	-
Engine and drill data transfer (GMS)	O	O	O	O	O	O	O	-	-
Global position tracking (GPS)	O	O	O	O	O	O	O	-	-
Engine remote shut down (GMS)	O	O	O	O	O	O	O	-	-

O = option, - = not available



Model		HCR900-ES II / HCR900-ES II (20)	HCR910-DS	HCR1000-EDS II	HCR1200-DS III	HCR1200-ED II	HCR1500-ED II
Weight & dimensions							
Operating weight with ROPS/FOPS cab	kg	10270 / 10930	10450	12000	11940	14000	17820
A Overall length	mm	9750 / 10150	8635	9215	9210	9755	10010
B Ground contact length	mm	2425	2425	2425	2395	2780	2780
C Overall width with pre-cleaner	mm	3220	2865	2400	3355	3125	3720
D Width over tracks	mm	2570	2400	2390	2400	2400	2400
E Width of shoe	mm	300		300	330	330	330
F Overall height (traveling)	mm	2730	2830	2950	2860	3605 (2975)	3325
Drifter							
Model		HD709	HD709	HD709	HD712	HD712	HD715 II
Weight	kg	185	185	185	220	220	302 (with RP)
Impact rate	min ⁻¹	2250 - 2500	2250 - 2500	2250 - 2500	2300	2300	2150
Number of rotations	min ⁻¹	0 - 250	0 - 250	0 - 250	0 - 190	0 - 190	0 - 150
Undercarriage							
Ground clearance	mm	550	550	550	585	460	515
Oscillating angle	deg	±10°	±10°	±10°	±7.5°	±7.5°	±7.5°
Travel speed	km/h	0 - 3.5	0 - 3.8	0 - 3.8	0 - 3.2	0 - 3.1	0 - 4.2
Grade ability	%	57.7 (30°)	57.7 (30°)	57.7 (30°)	57.7 (30°)	57.7 (30°)	57.7 (30°)
Engine							
Make/model		CATERPILLAR / C7	CATERPILLAR / C7	CATERPILLAR / C7	CATERPILLAR / C7	CUMMINS / QSB 6.7	CATERPILLAR / C9
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	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	168 / 2200	179 / 2500	261 / 2200
		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.	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	7.2	6.7	8.8
Fuel tank capacity	Liter	330	320	320	330	420	660
Hydraulic pump							
Type		2-variable displacement piston pumps supply pressure oil for both travel and drilling. 3-gear pumps for cooling, boom and dust collector.	2-variable displacement piston pumps supply pressure oil for both travel and drilling. 3-gear pumps for cooling, boom and dust collector.	2-variable displacement piston pumps supply pressure oil for both travel and drilling. 3-gear pumps for cooling, boom and dust collector.	2-variable displacement piston pumps supply pressure oil for both travel and drilling. 3-gear pumps for cooling, boom 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. 3-gear pumps for cooling and dust collector.
Hydraulic oil tank capacity	Liter	170	170	170	170	215	240

Model		HCR900-EDS II / HCR900-ES II (20)	HCR910-DS	HCR1000-EDS II	HCR1200-DS III	HCR1200-ED II	HCR1500-ED II
Compressor		AIRMAN	AIRMAN	AIRMAN	AIRMAN	AIRMAN	AIRMAN
Model		PDS265-S35B	PDS265-S35B	PDS265-S35B	PDS265-S35C	PDS265-S32A	PDS290-S15B
Free air delivery	m³/ min	6.1	5,4	6.1	7.1	7.8	13.5
Working air pressure	MPa	1.03	1.03	1.03	1.03	1.03	1.03
Boom							
Model		JE326	JF200	JE326	JF325	JE326-132	JE326-241
Lift angle (up-down)	deg	45° - 15°	43° - 30°	45° - 15°	54° - 20°	45° - 20°	45° - 20°
Swing angle (right-left)	deg	37° - 43°	45° - 10°	30° - 10°	45° - 10°	35° - 5°	38° - 7°
Extension length	mm	1500	Fixed boom	1200	Fixed boom	1200	900
Guide shell							
Model		GH831	GH831	GH831	GH831	GH832-30	GH885-41
Length	mm	7534 / 8944	7015	7675	7825	7800	8000
Feed length / with reverse percussion	mm	4480 / 4305 / (5786 / 5611)	4089 / 3904	4704 / 4529	4736 / 4561	4620 / 4440	4700 / 4520
Guide slide length	mm	1200	1200	1500	1500	1200	1500
Swing angle (right-left)	deg	40° - 40°	50° - 50°	30° - 90°	30° - 90°	30° - 90°	38° - 90°
Tilt angle	deg	180°	180°	180°	180°	170°	170°
Rod pull	kN	28.5	24.5	24.5	31.4	29.5	31
Dust collector							
Suction capacity	m³/ min	20	20	20	26	30	40
Number of filter	pcs	4	4	5	5	5	6
Rod arrangement							
Type		Rack	Rod changer	Rod changer	Rod changer	Rod changer	Rod changer
Number of rods	pcs	4	4 + 1 (starter rod)	5 + 1 (starter rod)	4 + 1 (starter rod)	6 + 1 (starter rod)	6 + 1 / 8 + 1 (starter rod)
Bit and rod							
Bit diameter	mm	65 - 89	65 - 89	65 - 89	76 - 102	76 - 102	89 - 127
Type of bit		Cross, Button, Ballistic, Conical	Cross, Button, Ballistic, Conical	Cross, Button, Ballistic, Conical	Cross, Button, Ballistic, Conical	Cross, Button, Ballistic, Conical	Cross, Button, Ballistic, Conical
Rod size		R32, R38, T38, T45	R32, R38, T38, T45	R32, R38, T38, T45	R32, R38, T38, T45	R38, T38, T45, T51	T51
Rod length	mm	3050 / 3660 / 6100	3050	3050 / 3660	3660	3660	3660
Starter rod length	mm	4270 / 6100	3660 / 4270	3660 / 4270	3660 / 4000	3660 / 4270	4270 / 5000

The contents of these specifications are subject to change without notice.