

HANFA Full Hydraulic Core Drilling Rig **HFDX+ Series**



HANFA GROUP

E-mail: info@hanfagroup.com

Phone: 0086-371-55019187 0086-371-55019184 0086 17739786040

Address: Room 602, Building 7, E-commerce Industrial Park,
Dongqing Street, High-tech Zone, Zhengzhou, Henan, China.

Web: WWW.HANFAGROUP.COM WWW.HANFAMACHINE.COM



涵发集团
HANFA GROUP

HANFA HFDX Series

Full Hydraulic Core Drilling Rig



Project		HFDX-4+	HFDX-5+	HFDX-6+	
Drilling depth	BQ Drill pipe Φ55.6mm		1000m	1500m	2000m
	NQ Drill pipe Φ69.9mm		700m	1300m	1600m
	HQ Drill pipe Φ88.9mm		500m	1000m	1300m
	PQ Drill pipe Φ114.3mm		/	680m	1000m
Power head capacity		Rotating speed	0-1100r/min	0-140-370r/min	0-134-360r/min
				0-450-1145r/min	0-430-1100r/min
		Maximum torque	4200N.m	4650N.m	6400N.m
		Vertical shaft through hole diameter	98mm	121mm	121mm
		Maximum pulling force	150kN	150kN	220kN
		Maximum feed force	60kN	75kN	110kN
Diesel engine 6CTA8.3-C240		Rated power	132kW	145kW	179kW
		Rated speed	2200r/min	1900r/min	2200r/min
Hydraulic pump	Big pump 90 series 75/90 series 100	Set pressure	30MPa	31.5MPa	32MPa
		Maximum flow	140L/min	150L/min	200L/min
	Middle pump 45 series 60	Set pressure	25MPa	28MPa	28MPa
		Maximum flow	120L/min	120L/min	120L/min
	Small pump 45 series 60	Set pressure	20MPa	28MPa	28MPa
		Maximum flow	50L/min	120L/min	120L/min
	Side front pump 12.5/CBK1006F	Set pressure	16MPa	20MPa	20MPa
		Maximum flow	12L/min	25L/min	25L/min
		Side rear pump 04/1004F	Set pressure	5MPa	5MPa
Maximum flow		8L/min	8L/min	8L/min	
Mast		Total height	9m	11.2m	9m
		Adjust the angle	0-90°	0-90°	0-90°
		Drilling angle	45-90°	45-90°	45-90°
		Give progress	3500mm	3800mm	3500mm
		Mast slip stroke	1100mm	1100mm	1100mm
Lower gripper		Clamping range	55.5-117.5mm	55.5-117.5mm	55.5-117.5mm
		Through hole diameter	154mm	154mm	154mm
Main hoist		Single rope lifting force Level 1	57kN	77kN	57kN
		Boost speed	38-40m/min	44m/min	38-40m/min
		Wire rope diameter	16mm	18mm	16mm
		Wire rope length	50m	60m	50m
Vice winch		Single rope lifting force Level 1	12kN	12kN	12kN
		Boost speed	130-400m/min	100m/min	130-400m/min
		Wire rope diameter	6mm	6mm	6mm
		Wire rope length	1000m	1500m	1000m
Mud pump		Maximum displacement At 2.5MPa	160L/min	250L/min	160L/min
		Greatest pressure At 52L/min	10MPa	6MPa	10MPa
Walking speed		2.5km/h	2km/h	2.5km/h	
Gradeability		30°	30°	30°	
Ground pressure		0.14MPa	0.14MPa	0.14MPa	
Host weight		9.3t	13t	9.3t	
Dimensions (L*W*H)		Working size	4600×2200×9000mm	4800×2240×11200mm	4600×2200×9000mm
		Transport size	5100×2200×2450mm	6250×2240×2750mm	5100×2200×2450mm