

DATA SHEET

HMF 2820K-RCS

POWER TO LIFT

TECHNICAL DATA	2820K2-RCS	2820K3-RCS	2820K4-RCS	2820K5-RCS	2820K6-RCS	2820K7-RCS	2820K8-RCS
LOAD MOMENT (TM)	25.8	25.2	24.7	24.3	23.8	23.5	23.0
HYDRAULIC REACH (M)	8.3	10.3	12.5	14.8	17.1	19.3	21.6
SLEWING TORQUE (KGM)	2763	2763	2763	2763	2763	2763	2763
SLEWING ANGLE (°)	400	400	400	400	400	400	400
WORKING PRESSURE (BAR)	365	365	365	365	365	365	365
WEIGHT EXCL. STABILIZERS (KG)	1895	2065	2265	2415	2555	2660	2745
WEIGHT OF STABILIZERS, STANDARD (KG)	290-365	290-365	290-365	290-365	290-365	290-365	290-365
PUMP PERFORMANCE (L/MIN)	70-120	70-120	70-120	70-120	70-120	70-120	70-120
POWER CONSUMPTION (KW)	43-73	43-73	43-73	43-73	43-73	43-73	43-73
GEOMETRY							
HEIGHT ABOVE MOUNTING SURFACE (MM)	2295	2295	2295	2295	2295	2295	2335
WIDTH, FOLDED (MM)	2500	2500	2500	2500	2500	2500	2500
LENGTH OF CRANE, NO EXTRA VALVES (MM)	885	885	885	885	885	995	995
LENGTH WITH 2 EXTRA VALVES IN INTERNAL HOSE REEL (MM)	885	885	885	885	885	995	995
OVER-BENDING ON CRANE (°)	15	15	15	15	15	15	15
OVER-BENDING ON FLY-JIB (°)		20	20	20			

BASIC FEATURES		OPTIONS	
REMOTE CONTROL OF CRANE	✓	REMOTE CONTROL OF STABILIZER BEAMS	✓
MANUAL OPERATION OF STABILIZER FUNCTIONS	✓	STAND-UP CONTROLS WITH BRACKET FOR REMOTE CONTROL BOX	✓
REMOTE CONTROL BOX, LINEAR CONTROL LEVERS (L) OR JOYSTICK (J)	L/J	TOP SEAT ON COLUMN WITH BRACKET FOR REMOTE CONTROL BOX	✓
PROPORTIONAL CONTROL VALVE TYPE (-D) FOR REMOTE CONTROL	✓	EVS STABILITY SAFETY SYSTEM	✓
LEVERS ON CONTROL VALVE FOR EMERGENCY OPERATION	✓	CYL MONITORING OF STABILIZER LEG	✓
DUAL CONTROL OF STABILIZER FUNCTIONS (CRANE)	✓	STF WARNINGLIGHT ON STABILIZER LEG	✓
ELECTRONIC SPEED ADAPTATION SYSTEM, HDL-D/HDS	✓	OIL COOLER WITH TEMPERATURE MONITORING	✓
RCL - 5300 SAFETY SYSTEM	✓	HYDRAULIC HOIST 1500 KG OR 2500 KG	✓
SBC - SLEW BRAKING CONTROL	✓	REMOTE CONTROLLED STABILIZER FUNCTIONS	✓
PCC - PROGRESSIVE CRANE CONTROL	✓	FLY-JIB 700	✓
PFC - PRIORITY FLOW CONTROL	✓	MANUAL EXTENSION, FLY-JIB	✓
PVG 32 CONTROL VALVE	✓	EXTRA VALVES IN HOSE GUIDES	✓
ELECTRIC VOLTAGE	✓	EXTRA VALVES IN HOSE REELS INTERNALLY IN THE JIB EXTENSIONS	✓
HYDRAULIC SYSTEM - CIRCUIT	1	EXTRA VALVE WITH ELECTRIC REVERSER	✓
FIXED PUMP PERFORMANCE	✓	90 L OIL TANK MOUTED ON THE CRANE	✓
POWER PLUS LINK ARM SYSTEM	✓	2 AVAILABLE FUNCTIONS (MANUAL STABILIZER BEAM)	✓
HIGH-PRESSURE FILTER	✓	4 AVAILABLE FUNCTIONS (HYDRAULIC STABILIZER BEAM)	✓
INTERNAL HOSE ROUTING	✓	MULTI-COUPLING, 2 EXTRA VALVES, HOSE GUIDES	✓
		NUMBER OF MANUAL EXTENSIONS	1*
		OIL TANK 150 L	✓
		HYDRAULICK SWING-UP STABILIZER LEGS	✓
		PERSONNEL BASKET	✓

*BisK6

**K2-K6

2820K2-RCS

	kg	5950	4120	3130
	m	4,3	6,2	8,2

2820K3-RCS

	kg	5730	3940	2960	2370
	m	4,4	6,3	8,2	10,2

2820K4-RCS

	kg	5520	3760	2800	2210	1820	1480
	m	4,5	6,4	8,3	10,3	12,4	14,7

FJ-700

	kg	2280	1295	865	640	505	350
	(80°) m	4,9	6,6	8,5	10,3	12,2	14,2

FJ-700

	kg	980	855	745	550	440	350
	(0°) m	15,6	17,3	19,2	21,1	23,0	25,0

2820K5-RCS

	kg	5330	3600	2650	2070	1680	1410	1170
	m	4,6	6,4	8,4	10,4	12,5	14,7	17,1

FJ-700

	kg	1890	1055	695	510	400	320
	(80°) m	5,2	7,0	8,9	10,8	12,7	14,7

FJ-700

	kg	690	605	540	490	345	275
	(0°) m	17,8	19,5	21,4	23,3	25,2	27,2

2820K6-RCS

	kg	5140	3440	2500	1920	1540	1280	1100	920
	m	4,6	6,5	8,5	10,5	12,6	14,8	17,0	19,4

2820K7-RCS

	kg	4990	3330	2400	1830	1440	1180	1000	880	620
	m	4,7	6,6	8,5	10,5	12,6	14,8	17,1	19,2	21,6

2820K8-RCS

	kg	4820	3190	2270	1710	1330	1070	900	780	690	320
	m	4,8	6,7	8,6	10,6	12,7	14,9	17,2	19,3	21,5	23,9

▼ Lifting capacity, no manual extensions
 ▽ Lifting capacity with manual extensions

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