

TIER 3A JCB ENGINE DATA AND PUMP PERFORMANCE TABLES							
JCB Engine	Caprari Pump	Engine RPM	Flow (m ³ /hr)	Pressure (bar)	Absor Power (kW)	Suction (mm)	Discharg (mm)
JCB444IPUT3A/TC-63 (63kW – 84hp)	MECMG 80/3H	1450	90 115	4.7 3.3	17 18.5	100	80
		1750	90 115	8 6.6	29 32		
		2000	90 115	11 10	39 44		
JCB444IPUT3A/TC-63 (63kW – 84hp)	MECMG 80-4/3A	1450	40 60	8.7 8.6	19 21	100	80
		1750	40 60	13 12.7	27 32		
		1900	40 60	15.5 15	34 40		
JCB444IPUT3A/TCA-74 (74kW – 100hp)	MEC MG 80-4/3A	1450	55 110	8.6 6.8	19 26	100	80
		1750	55 110	12.7 10.8	31 44		
		1900	55 110	16 13.5	44 60		
JCB444IPUT3A/TCA-85 (85kW – 114hp)	MEC MG 80-4/3A	1450	55 110	8.6 6.8	19 26	100	80
		1750	55 110	12.7 10.8	31 44		
		1900	55 110	16 13.5	44 60		
JCB444IPUT3A/TCA-85 (85kW – 114hp)	MEC-MG 100/2C	1450	100 150	8.3 7,5	35 44	125	100
		1750	100 150	12 11	56 67		
JCB444IPUT3A/TCAE-120 (120kW – 161hp)	MEC-MG 100/2A	1450	120 180	9.2 8	46 56	125	100
		1750	120 180	13.7 12.7	74 87		

Engine Characteristics				
JCB Engine	Type	Continuous Power Rating KW(Hp)/rpm	Displacement (L)	Specific Fuel consumption (g/kWh)
JCB444IPUT3A/TC-63	4 cylinder turbo - mechanical fuel injection	48(64)/1450	4.4	229
		54(72)/1750		238
		55(74)/1900		245
JCB444IPUT3A/TCA-74	4 cylinder turbo intercooled - mechanical fuel injection	59(79)/1450	4.4	212
		65(87)/1750		220
		65(87)/1900		225
JCB444IPUT3A/TCA-85	4 cylinder turbo intercooled - mechanical fuel injection	60(81)/1450	4.4	212
		69(93)/1750		225
		72(97)/1900		230
JCB444IPUT3A/TCAE-120	4 cylinder turbo intercooled - Electronic fuel injection	87(118)/1450	4.4	205
		98(132)/1750		210
		103(138)/2000		218