

JCB STAGE 5 ENGINE DATA AND PUMP PERFORMANCE TABLES

JCB Engine	Caprari Pump	Engine RPM	Flow (m ³ /hr)	Pressure (bar)	Absorb Power (kW)	Suction (mm)	Discharge (mm)
JCB 430 TCAE 55Kw (55kW – 74hp)	MECMG 80/3C other impellers available	1450	54 72	7.3 6.8	16 19	100	80
		1750	54 72	10.9 10.5	28 31		
		2000	54 72	14.7 14.3	38 44		
JCB 448 TCAE 81Kw (81kW – 108hp)	MECMG 80-4/3A other impellers available	1450	50 100	8.6 7.2	19 25	100	80
		1750	50 100	12.8 11.4	29 42		
		1900	50 100	15 14.7	39 55		
JCB 448 TCAE 97Kw (97kW – 130hp)	MEC MG 100HT-1/2C other impellers available	1450	100 150	8.2 7,5	35 44	125	100
		1750	100 150	12 11	56 69		
JCB 448 TCAE 129Kw (129kW – 173hp)	MEC-MG 125HT/2C	1450	120 210	8.7 8	49 62	150	125
		1750	120 210	12.9 12.3	78 95		

ENGINE CHARACTERISTICS

JCB ENGINE TYPE	Type	Continuous Power Rating KW(Hp)/rpm	Displacement (L)	Specific Fuel consumption (g/kWh)
JCB 430 TCAE 55Kw	4 cylinder turbo intercooled common rail IPU	49(66)/1450	3	210
		48(64)/1750		212
		48(64)/1900		217
JCB 448 TCAE 81Kw	4 cylinder turbo intercooled common rail IPU	75(100)/1450	4.8	215
		80(107)/1750		215
		80(107)/1900		221
JCB 448 TCAE 97Kw	4 cylinder turbo intercooled common rail IPU	85(114)/1450	4.8	214
		95(127)/1750		212
		95(127)/1900		214
JCB 448 TCAE 129Kw	4 cylinder turbo intercooled common rail IPU	105(150)/1450	4.8	199
		125(168)/1750		200
		125(168)/2000		203