

Yellow Jacket® Piston Vibrators Performance Data

Vibrator Model	Air Pressure									
	Start UP	40 psi (2.8 bar)			60 psi (4.1 bar)			80 psi (5.5 bar)		
		Speed	Flow	Force	Speed	Flow	Force	Speed	Flow	Force
	psi	cfm	lb	cpm	cfm	lb	cpm	cfm	lb	
	bar	Lpm	kN	Lpm	kN	Lpm	kN			
Impact										
YJ-1.00-IM	15-20	4,800	3.0	450	6,000	4.9	1000	7,400	5.5	1250
	1.03-1.38		85	2.0		139	4.4		156	5.6
YJ-1.25-IM	15-20	3,700	4.0	770	4,800	6.0	1620	6,000	10.5	2400
	1.03-1.38		113	3.4		170	7.2		297	10.7
YJ-1.50-IM	15-20	3,200	5.0	1300	4,100	9.0	2700	4,800	11.0	3600
	1.03-1.38		142	5.8		255	12.0		311	16.0
YJ-2.00-IM	15-20	2,400	6.5	3200	3,000	13.5	5200	3,500	19.0	7000
	1.03-1.38		184	14.2		382	23.1		538	31.1
Air-Cushioned										
YJ-1.00-AC	15-20	3,700	3.0	16	4,400	5.0	26	5,200	6.0	40
	1.03-1.38		85	0.1		142	0.1		170	0.2
YJ-1.25-AC	15-20	3,100	4.5	21	3,500	6.0	31	4,000	10.0	46
	1.03-1.38		127	0.1		170	0.1		283	0.2
YJ-1.50-AC	15-20	2,700	6.0	60	3,000	11.0	100	3,300	14.0	135
	1.03-1.38		170	0.3		311	0.4		396	0.6
YJ-2.00-AC	15-20	2,000	7.5	120	2,200	14.0	195	2,400	23.0	270
	1.03-1.38		212	0.5		396	0.9		651	1.2
Wear-Resistant										
YJW-2.00-IM	15-20	2,400	6.5	3200	3,000	13.5	5200	3,500	19.0	7000
	1.03-1.38		184	14.2		382	23.1		538	31.1
YJW-3.00-IM	15-20	1,600	12.5	6800	2,000	21.0	10000	2,200	29.0	13300
	1.03-1.38		354	30.2		595	44.5		821	59.2
YJW-2.00-AC	15-20	2,000	7.5	120	2,200	14.0	195	2,400	23.0	270
	1.03-1.38		212	0.5		396	0.9		651	1.2
YJW-3.00-AC	15-20	1,300	13.0	225	1,500	21.0	360	1,700	30.0	500
	1.03-1.38		368	1.0		595	1.6		850	2.2
Railcar										
YJR-2.00-IM	15-20	2,400	6.5	3200	3,000	13.5	5200	3,500	19.0	7000
	1.03-1.38		184	14.2		382	23.1		538	31.1
YJR-3.00-AC	15-20	1,300	13.0	225	1,500	21.0	360	1,700	30.0	500
	1.03-1.38		368	1.0		595	1.6		850	2.2

All Force data exceeding 4800 lbs is estimated.