



HYTORC OF TEXAS
12420 Texaco Rd
Houston, TX
Phone: 713-453-6677

TOOL MODEL: J-GUN AIR .5 APACHE DUAL SPEED
SERIAL NO:
PRESSURE / TORQUE CONVERSION CHART
Standard Torque

PRESSURE		TORQUE		
psi	bar	ft-lbs	kgf-m	N-m
20	1.38	194	27	263
25	1.72	216	30	292
30	2.07	237	33	321
35	2.41	259	36	350
40	2.76	280	39	380
45	3.1	298	40	390
50	3.45	295	41	400
55	3.79	303	42	410
60	4.14	310	43	420
65	4.48	334	46	453
70	4.83	358	49	485
75	5.17	381	53	517
80	5.52	405	56	549
85	5.86	454	63	615
90	6.21	502	69	681

Torque values determined using 10 ft length hose

Type of Joint: Low torque-rate joint per ISO5393.

NOTE: 1) Minimum 30 CFM air required to use this pneumatic torque tool. 2) Use 1/2" or 3/4" diameter hose for optimal results; minimum diameter hose to be used is 1/2".



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TOOL MODEL: J-GUN AIR-1 APACHE DUAL SPEED

SERIAL NO:

PRESSURE / TORQUE CONVERSION CHART

Standard Torque using Silencer Kit

PRESSURE		TORQUE		
psi	bar	ft-lbs	kgf-m	N-m
20	1.38	320	44	434
25	1.72	398	55	539
30	2.07	475	66	644
35	2.41	553	76	749
40	2.76	630	87	854
45	3.1	714	99	968
50	3.45	798	110	1081
55	3.79	881	122	1195
60	4.14	965	133	1308
65	4.48	1031	143	1398
70	4.83	1098	152	1488
75	5.17	1164	161	1578
80	5.52	1230	170	1668
85	5.86	1325	183	1796
90	6.21	1420	196	1925

Torque values determined using 8 ft length hose

Type of Joint: Low torque-rate joint per ISO5383.

NOTE: 1) Minimum 30 CFM air required to use this pneumatic torque tool. 2) Use 1/2" or 3/4" diameter hose for optimal results; minimum diameter hose to be used is 1/2".



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TOOL MODEL: J-GUN AIR-2 APACHE DUAL SPEED

SERIAL NO:

PRESSURE / TORQUE CONVERSION CHART

Standard Torque

PRESSURE		TORQUE		
psi	bar	ft-lbs	kgf-m	N-m
20	1.38	542	75	735
25	1.72	691	95	936
30	2.07	839	116	1138
35	2.41	988	137	1339
40	2.76	1136	157	1540
45	3.1	1284	173	1699
50	3.45	1433	189	1857
55	3.79	1487	206	2016
60	4.14	1604	222	2175
65	4.48	1741	241	2360
70	4.83	1878	260	2546
75	5.17	2015	279	2732
80	5.52	2152	298	2918
85	5.86	2256	312	3059
90	6.21	2360	326	3200

Torque values determined using 10 ft length hose

Type of Joint: Low torque-rate joint per ISO5303.

NOTE: 1) Minimum 30 CFM air required to use this pneumatic torque tool. 2) Use 1/2" or 3/4" diameter hose for optimal results; minimum diameter hose to be used is 1/2".



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TOOL MODEL: J-GUN AIR-3 APACHE
SERIAL NO:
PRESSURE / TORQUE CONVERSION CHART
Standard Torque

PRESSURE		TORQUE		
psi	bar	ft-lbs	kgf-m	N-m
20	1.38	895	124	1213
25	1.72	1116	154	1513
30	2.07	1338	185	1813
35	2.41	1559	216	2113
40	2.76	1780	246	2413
45	3.1	2016	279	2734
50	3.45	2253	311	3054
55	3.79	2489	344	3374
60	4.14	2725	377	3695
65	4.48	2765	382	3749
70	4.83	2805	388	3803
75	5.17	2845	393	3857
80	5.52	2885	399	3912
85	5.86	3235	447	4386

Torque values determined using 10 ft length hose

Type of Joint: Low torque-rate joint per ISO5303.

NOTE: 1) Minimum 30 CFM air required to use this pneumatic torque tool. 2) Use 1/2" or 3/4" diameter hose for optimal results; minimum diameter hose to be used is 1/2".



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TOOL MODEL: J-GUN AIR-5 APACHE DUAL SPEED

SERIAL NO:

PRESSURE / TORQUE CONVERSION CHART

Standard Torque

PRESSURE		TORQUE		
psi	bar	ft-lbs	kgf-m	N-m
20	1.38	1265	175	1715
25	1.72	1580	218	2142
30	2.07	1895	262	2569
35	2.41	2210	306	2996
40	2.76	2525	349	3423
45	3.1	2841	393	3852
50	3.45	3158	437	4281
55	3.79	3474	480	4710
60	4.14	3790	524	5139
65	4.48	4043	559	5481
70	4.83	4295	594	5823
75	5.17	4548	629	6166
80	5.52	4800	664	6508
85	5.86	5025	695	6813
90	6.21	5250	726	7118

Torque values determined using 40 ft length hose

Type of Joint: High torque-rate joint per ISO5393.

NOTE: 1) Minimum 30 CFM air required to use this pneumatic torque tool. 2) Use 1/2" or 3/4" diameter hose for optimal results; minimum diameter hose to be used is 1/2".



TOOL MODEL: J-GUN AIR-8 APACHE DUAL SPEED

PRESSURE / TORQUE CONVERSION CHART

PRESSURE		Standard Torque		
psi	bar	ft-lbs	kgf-m	N-m
20	1.38	2119	293	2874
25	1.72	2670	369	3620
30	2.07	3221	445	4367
35	2.41	3771	521	5113
40	2.76	4321	596	5848
45	3.1	4773	660	6471
50	3.45	5233	723	7095
55	3.79	5692	787	7718
60	4.14	6152	851	8341
65	4.48	6598	912	8946
70	4.83	7044	974	9550
75	5.17	7490	1035	10155
80	5.52	7926	1096	10747
85	5.86	8223	1137	11149

Torque values determined using 10 ft length hose

Calibrations are per ISO5393 Soft Joint Standard.

NOTE: 1) Minimum 30 CFM air required to use this pneumatic torque tool. 2) Use 1/2" or 3/4" diameter hose for optimal results; minimum diameter hose to be used is 1/2".

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