

 **OIL PULSE TOOL**
Industrial



SUMAKE Company Profile

SUMAKE is a manufacturer and exporter specializing in professional high quality pneumatic tools, compressors and accessories suited to a wide range of applications including industrial and automotive.

We are an innovative company.

As a result of constant research and investment we keep at the forefront of current technology and design, thus providing energy efficient, durable and reliable products to industrial markets around the world.

We offer a wide and comprehensive range of CE certified tools and accessories including: Impact Wrenches, Ratchet Wrenches, Sanders, Screwdrivers, Spray Guns, Riveters, Nail Guns and Bradders, just to name a few.

Our compressor facility located near Shanghai(China) is a joint venture with Lacme (France) exporting the highest quality cast iron pumps & Belt Compressors globally.

Certified to ISO 9001 we run efficient well organized computerised Q.C.systems that ensure we meet quality, packaging and delivery benchmarks.

We guarantee our customers complete spare parts back up for everything we provide.

Superior service to our customers is not a goal, it's a reality.

SUMAKE, partners in business.



SUMAKE attended many international exhibitions and has been known for a variety of high-end innovations with vivid posters. Our spotlighted showcase not only catches your eye but provides hands-on experiences in person.



Our experienced R&D team provides advanced know-how, improved techniques and innovation design.



Factory equipped with complete machines and equipments ensures top quality.

Index

Industrial Oil Pulse Tools **Technology**



P1

Pistol Type **Auto Shut-off** Air Oil Pulse Wrench /
Screwdriver (High Pressure Tool)



P3

Pistol Type **Auto Shut-off** Air Oil Pulse Wrench /
Screwdriver (Low Pressure Tool)



P4

Straight Type **Auto Shut-off** Air Oil Pulse Wrench /
Screwdriver (High Pressure & Low Pressure Tool)



P5

Angle Type **Auto Shut-Off & Non Shut-Off**
Air Oil Pulse Wrench / Screwdriver



P6

Pistol Type **Non Shut-off** Air Oil Pulse Wrench /Screwdriver



P7

Straight Type **Non Shut-off** Air Oil Pulse Wrench /
Screwdriver



P8

Industrial Oil Pulse Tools - Auto Shut-off

Features:

- 1 Technology: oil pulse special machanical structure and patent offer low noise, low vibration and small reaction force.
- 2 Economic: wide-ranging torque with many patents and longer life cycle of motor.

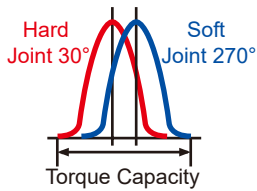
3 Point-Contact Type

(cylinder for use in a high-pressure tool)

The point-contact type blade generates accurate torque rapidly.



Blade of point-contact type



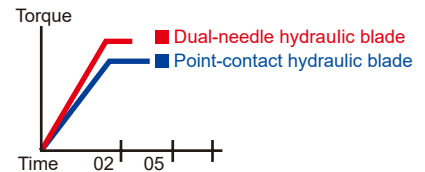
3 Dual-Needle Type

(cylinder for use in a low-pressure tool)

The dual-needle type blade can efficiently maintain accuracy at high-pressure or low-pressure condition.



Blade of dual-needle type



- 4 No special tool is required to repair or adjust inner parts. Commonly used wrench shall be used for disassembly.

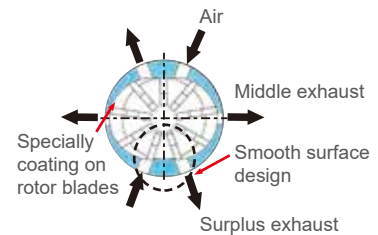


- 5 Featured one-hand operation design

- 6 360 swivel air exhaust

7 Dual-Cylinder Motors with High Efficiency

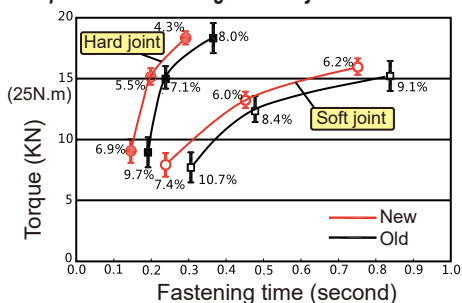
1. Eco-saving designed air motor
2. Coating treated rotor blades
3. Middle exhaust
4. Smooth surface design
5. Surplus exhaust



- 8 Groove of handle provides comfort user experience.

Improvement on working efficiency and duration

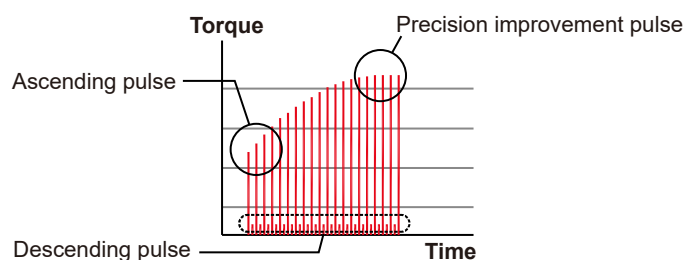
Comparison of fastening efficiency



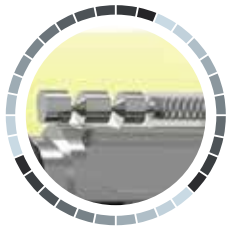
New products

Ascending speed (varied)

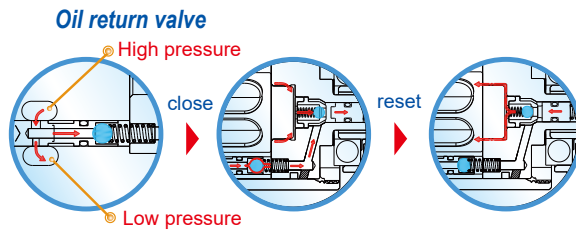
Big ■■■■■■■■■ Small



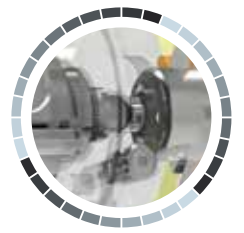
Industrial Oil Pulse Tools - Auto Shut-off



9 Automatic pressure release device with higher efficiency (Patent Pending)

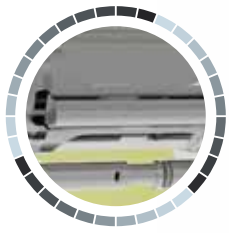
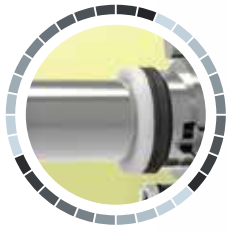


10 Oil return valve with more stable precision.



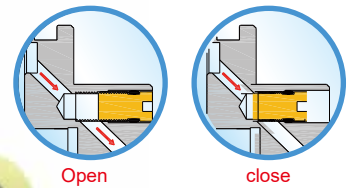
11 Multiple reset springs satisfy different air source environments

12 X-type gasket ring has better sealing performance (Patent Pending)



13 Reduced contact paddle with smaller friction and more stable pulse (Patent Pending)

Pulse adjustment device



14 Pulse adjustment device satisfies hard and soft connecting requirements (Patent Pending)

15 Stepless switch enables easier trigger pulling (Patent Pending)

16 Ergonomic handle design

17 Low noise drive(75dBA)



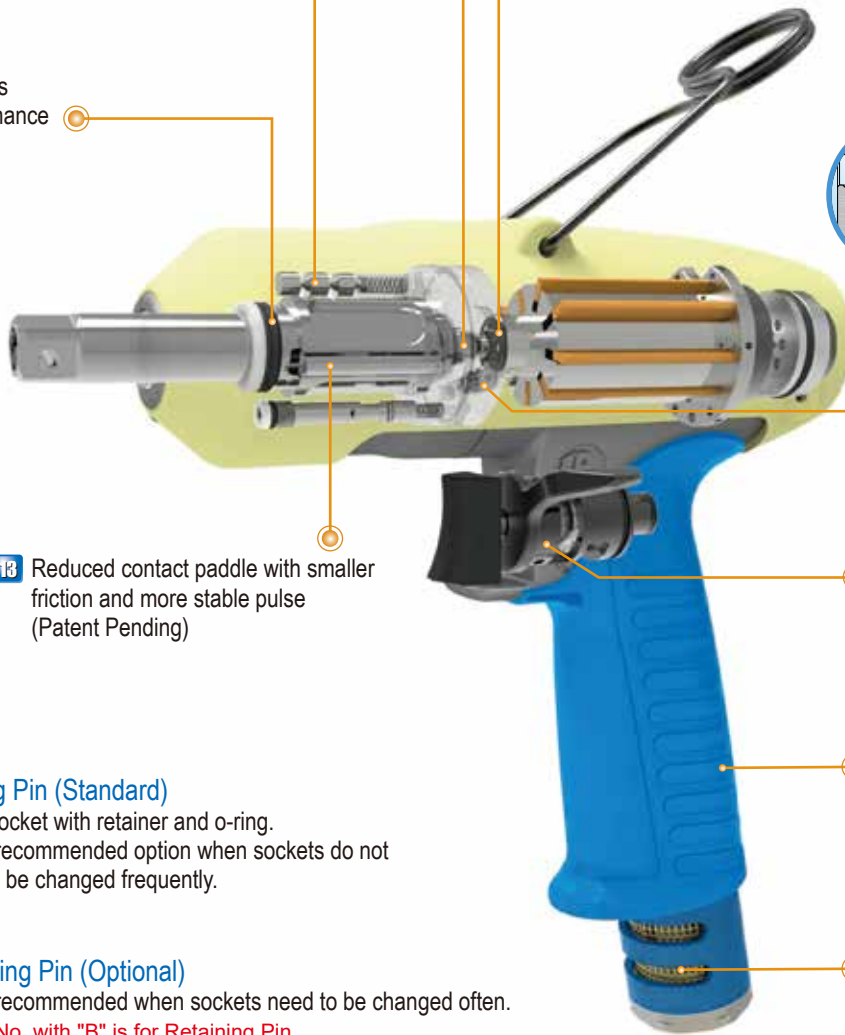
O-Ring Pin (Standard)

Fixed socket with retainer and o-ring. Highly recommended option when sockets do not need to be changed frequently.



Retaining Pin (Optional)

Highly recommended when sockets need to be changed often.
Model No. with "B" is for Retaining Pin



Improvements on working efficiency and duration

- **Improvement I:** tightening precision with 30% Applicable to various tightening operations.
- **Improvement II:** time for tightening with same target torques is reduced for 30% Improve efficiency.
- **Improvement III:** duration performance improved for 40% Reduce cost. (Comparison test in our factory)

Since when the automatic pressure release device is wide opened, the hydraulic oil rotation axle in the pulse unit would generate small fluidity resistance, therefore, pulse times acquired in a same time period would be longer, speed to reach stable torque range would be faster, and torque precision would be more stable as well.

Low oil mist

With self-lubricating blades and cylinder, it helps reducing the issue of lubricating oil and oil mist.

Auto Shut-off Air Oil Pulse Wrench / Screwdriver (High Pressure)



IPW-2308P
4~12Nm; 4,000rpm

IPW-2316P
7~16Nm; 4,500rpm



IPW-2332P
20~34Nm; 6,300rpm

IPW-2350P
30~48Nm; 6,300rpm



IPW-2360P
40~60Nm; 6,000rpm

IPW-2465P
45~65Nm; 6,000rpm



IPW-2485P
50~80Nm; 5,800rpm

IPW-24115P
65~115Nm; 4,500rpm



IPW-24145P
110~150Nm; 4,500rpm



IPW-26200P
130~210Nm; 3,900rpm



IPW-26240P
165~260Nm; 3,400rpm



NEW
IPW-26450P
225~450Nm; 3,300rpm



IPS-2209P
4~12Nm; 4,000rpm

IPS-2216P
7~16Nm; 4,500rpm



IPS-2230P
16~32Nm; 6,300rpm

IPS-2232P
22~35Nm; 6,300rpm

NEW **IPS-2242P**
30~42Nm; 6,800rpm

Specification:

★ Recommend Air Pressure 5~6bar (72.5~87psi)

Model No.	Square (inch)	Capacity Bolt Size (mm)	Torque Range (5~6bar)		Free Speed (6bar) (rpm)	Air Inlet (PT)	Rec. Hose Size (mm)	Sound Pressure (dB(A))	Air Consumption		Overall Length		Net Weight	
			Nm	ft-lbs					l/min	cfm	mm	inch	kgs	lbs
IPW-2308P	3/8	5	4~12	3~8.9	4,000	1/4"	6.5	75	200	7	162	6.38	0.92	2.03
IPW-2316P	3/8	5~6	7~16	5.2~11.8	4,500	1/4"	6.5	78	250	8.8	162	6.38	0.92	2.03
IPW-2332P	3/8	8	20~34	14.3~25.2	6,300	1/4"	8.0	80	300	10.6	174	6.85	0.95	2.09
IPW-2350P	3/8	8~10	30~48	22.2~35.5	6,300	1/4"	8.0	80	400	14.1	180	7.09	1.05	2.31
IPW-2360P	3/8	8~10	40~60	29.5~44.4	6,000	1/4"	8.0	80	480	17	187	7.33	1.25	2.76
IPW-2465P	1/2	10	45~65	33.3~48.1	6,000	1/4"	8.0	80	480	17	186	7.32	1.25	2.76
IPW-2485P	1/2	10~12	50~80	37~59.2	5,800	1/4"	8.0	82	530	18.7	192	7.56	1.45	3.20
IPW-24115P	1/2	12	65~115	48.1~85.1	4,500	1/4"	8.0	82	550	19.4	198	7.8	1.7	3.75
IPW-24145P	1/2	12~14	110~150	81.4~111	4,500	1/4"	12.7	82	700	24.7	215	8.5	2.3	5.07
IPW-26200P	3/4	14~16	130~210	96.2~155.4	3,900	1/4"	12.7	82	700	24.7	240	9.45	2.9	6.39
IPW-26240P	3/4	16~18	165~260	122.1~192.4	3,400	3/8"	12.7	82	700	24.7	262	10.33	3.7	8.16
IPW-26450P	3/4	16~20	225~450	166.5~333	3,300	3/8"	13	85	700	24.7	221	8.71	4.2	9.26
IPS-2209P	1/4Hex	5	4~12	3~8.9	4,000	1/4"	6.5	75	200	7	161	6.38	0.92	2.03
IPS-2216P	1/4Hex	5~6	7~16	5.2~11.8	4,500	1/4"	6.5	78	250	8.8	161	6.38	0.92	2.03
IPS-2230P	1/4Hex	6~8	16~32	11.8~23.7	6,300	1/4"	6.5	80	350	12.4	171	6.85	0.95	2.09
IPS-2232P	1/4Hex	8	22~35	16.2~25.8	6,300	1/4"	8.0	80	400	14.1	183	7.09	1.05	2.31
IPS-2242P	1/4Hex	8~10	30~42	22.2~31.1	6,800	1/4"	8.0	80	480	16.9	191	7.5	1.26	2.78

Auto Shut-off Air Oil Pulse Wrench / Screwdriver (Low Pressure)



IPW-2316PL
8~18Nm; 4,800rpm



IPW-2328PL
21~35Nm; 6,000rpm
IPW-2345PL
30~48Nm; 5,800rpm



IPW-2355PL
40~58Nm; 5,400rpm
IPW-2460PL
43~63Nm; 5,400rpm



IPW-2475PL
45~80Nm; 4,900rpm
IPW-2495PL
55~100Nm; 4,500rpm



IPW-24125PL
85~145Nm; 5,300rpm



IPW-26170PL
125~185Nm; 3,600rpm



IPW-26200PL
125~265Nm; 2,800rpm



IPS-2216PL
8~17Nm; 4,800rpm



IPS-2226PL
19~30Nm; 6,000rpm
IPS-2230PL
25~36Nm; 5,900rpm

NEW **IPS-2238PL**
35~44Nm; 5,600rpm

Specification:

★ Recommend Air Pressure 4~5bar (58~72.5psi)

Model No.	Square (inch)	Capacity Bolt Size (mm)	Torque Range (4~5 bar)		Free Speed (5bar) (rpm)	Air Inlet (PT)	Rec. Hose Size (mm)	Sound Pressure (dB(A))	Air Consumption		Overall Length		Net Weight	
			Nm	ft-lbs					l/min	cfm	mm	inch	kgs	lbs
IPW-2316PL	3/8	5~6	8~18	5.9~13.3	4,800	1/4"	6.5	75	200	7	160.5	6.32	0.92	2.03
IPW-2328PL	3/8	8	21~35	15.5~25.9	6,000	1/4"	8.0	77	250	8.8	170	6.7	0.95	2.09
IPW-2345PL	3/8	8~10	30~48	22.2~35.5	5,800	1/4"	8.0	78	300	10.6	183	7.2	1.05	2.31
IPW-2355PL	3/8	8~10	40~58	29.6~42.9	5,400	1/4"	8.0	78	400	14.1	187	7.36	1.25	2.76
IPW-2460PL	1/2	10	43~63	31.8~46.6	5,400	1/4"	8.0	78	400	14.1	192	7.56	1.25	2.76
IPW-2475PL	1/2	10	45~80	33.3~59.2	4,900	1/4"	8.0	79	450	15.9	192	7.56	1.45	3.20
IPW-2495PL	1/2	10~12	55~100	40.7~74.0	4,500	1/4"	8.0	79	480	17	199	7.83	1.7	3.75
IPW-24125PL	1/2	12	85~145	62.9~107.3	4,200	1/4"	12.7	79	500	17.7	215	8.46	2.3	5.07
IPW-26170PL	3/4	12~14	125~185	92.5~136.9	3,600	1/4"	12.7	79	500	17.7	243.5	9.59	2.9	6.39
IPW-26200PL	3/4	14~16	125~265	122.1~196.1	2,800	3/8"	12.7	80	500	17.7	262	10.31	3.7	8.16
IPS-2216PL	1/4Hex	5~6	8~17	5.9~12.6	4,800	1/4"	6.5	75	200	7	161	6.34	0.92	2.03
IPS-2226PL	1/4Hex	6~8	19~30	14.1~22.2	6,000	1/4"	6.5	77	250	8.8	171	6.73	0.95	2.09
IPS-2230PL	1/4Hex	8	25~36	18.5~26.6	5,900	1/4"	8.0	77	400	14.1	183	7.2	1.05	2.31
IPS-2238PL	1/4Hex	8~10	35~44	25.9~32.6	5,600	1/4"	8.0	80	480	16.9	191	7.5	1.26	2.78

Auto Shut-off Air Oil Pulse Wrench/ Screwdriver (High Pressure & Low Pressure)



High Pressure
IPW-2309
4~12Nm; 5,500rpm

IPW-2316
9~19Nm; 6,400rpm



Low Pressure
IPW-2316L
8~18Nm; 6,200rpm



High Pressure
IPW-2332
4~38Nm; 6,200rpm

IPW-2350
35~50Nm; 5,800rpm



Low Pressure
IPW-2328L
21~34Nm; 5,900rpm

IPW-2345L
32~47Nm; 5,500rpm



High Pressure
IPW-2360
41~61Nm; 5,900rpm

IPW-2465
40~65Nm; 5,900rpm



Low Pressure
IPW-2355L
35~55Nm; 6,200rpm

IPW-2460L
40~60Nm; 6,200rpm



Low Pressure
IPS-2206L
5~8Nm; 6,500rpm



High Pressure
IPS-2209
4~12Nm; 5,400rpm

IPS-2216
8~18Nm; 6,400rpm



Low Pressure
IPS-2216L
8~18Nm; 6,200rpm



High Pressure
IPS-2228
21~34Nm; 6,200rpm

IPS-2232
28~39Nm; 5,800rpm

NEW

IPS-2242
35~45Nm; 5,900rpm



Low Pressure
IPS-2226L
20~32Nm; 5,900rpm

IPS-2230L
20~35Nm; 5,300rpm

NEW

IPS-2238L
28~38Nm; 5,600rpm

Specification:

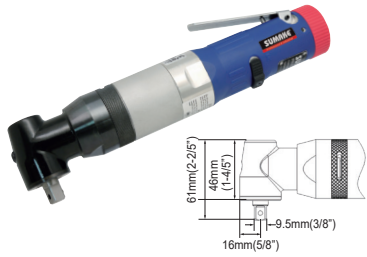
★ Recommend Air Pressure 5~6bar (72.5~87psi)

Model No.	Square (inch)	Capacity Bolt Size (mm)	Torque Range (5~6bar)		Free Speed (6bar) (rpm)	Air Inlet (PT)	Rec. Hose Size (mm)	Sound Pressure (dB(A))	Air Consumption		Overall Length		Net Weight	
			Nm	ft-lbs					l/min	cfm	mm	inch	kgs	lbs
IPW-2309	3/8	5	4~12	3.0~8.9	5,500	1/4"	6.5	70	200	7	218	8.58	0.83	1.83
IPW-2316	3/8	5~6	9~19	6.8~14.3	6,400	1/4"	6.5	78	250	8.8	218	8.58	0.83	1.83
IPW-2332	3/8	8	24~38	18~28.5	6,200	1/4"	8.0	80	300	10.6	228	9.02	0.87	1.92
IPW-2350	3/8	8~10	35~50	26.3~37.0	5,800	1/4"	8.0	80	350	12.4	240.5	9.41	0.95	2.09
IPW-2360	3/8	8~10	41~61	30.8~45.8	5,900	1/4"	8.0	80	480	17	246.5	9.72	1.2	2.65
IPW-2465	1/2	10	45~65	33.8~48.1	5,900	1/4"	8.0	80	480	17	251.5	9.72	1.25	2.76
IPS-2209	1/4Hex	5	4~12	3~8.9	5,400	1/4"	6.5	70	200	7	220.5	8.70	0.83	1.83
IPS-2216	1/4Hex	5~6	8~18	6~13.5	6,400	1/4"	6.5	78	250	8.8	220.5	8.70	0.83	1.83
IPS-2228	1/4Hex	6~8	21~34	15.8~25.2	6,200	1/4"	8.0	80	300	10.6	230.5	9.07	0.87	1.92
IPS-2232	1/4Hex	8	28~39	21~29.3	5,800	1/4"	8.0	80	400	14.1	240.5	9.41	0.95	2.09
IPS-2242	1/4Hex	8-10	35~45	26.3~33.3	5,900	1/4"	8.0	80	480	16.9	250	9.83	1.25	2.76

★ Recommend Air Pressure 4~5bar (58~72.5psi)

Model No.	Square (inch)	Capacity Bolt Size (mm)	Torque Range (4~5bar)		Free Speed (5bar) (rpm)	Air Inlet (PT)	Rec. Hose Size (mm)	Sound Pressure (dB(A))	Air Consumption		Overall Length		Net Weight	
			Nm	ft-lbs					l/min	cfm	mm	inch	kgs	lbs
IPW-2316L	3/8	5~6	8~18	6~13.5	6,200	1/4"	6.5	75	200	7	218	8.58	0.83	1.83
IPW-2328L	3/8	8	21~34	15.8~25.2	5,900	1/4"	8.0	77	250	8.8	228	9.02	0.87	1.92
IPW-2345L	3/8	8~10	32~47	24~35.3	5,500	1/4"	8.0	78	270	9.5	240.5	9.5	0.95	2.09
IPW-2355L	3/8	8~10	35~55	25.9~40.7	6,200	1/4"	8.0	78	400	14.1	240.5	9.5	1.2	2.65
IPW-2460L	1/2	10	40~60	29.6~44.4	6,200	1/4"	8.0	78	400	14.1	251.5	10	1.25	2.76
IPS-2206L	1/4Hex	4~5	5~8	3.7~5.9	6,500	1/4"	5.0	65	200	7	219	8.62	0.72	1.59
IPS-2216L	1/4Hex	5~6	8~18	6~13.5	6,200	1/4"	6.5	70	200	7	221	8.70	0.83	1.83
IPS-2226L	1/4Hex	6~8	20~32	14.8~23.7	5,900	1/4"	6.5	75	200	7	230.5	9	0.83	1.83
IPS-2230L	1/4Hex	8	20~35	18.5~25.9	5,300	1/4"	8.0	77	250	8.8	240.5	9.5	0.87	1.92
IPS-2238L	1/4Hex	8-10	28~38	20.7~28.1	5,600	1/4"	8.0	78	400	14.1	250	9.83	1.25	2.76

Auto Shut-off & Non Shut-off Air Oil Pulse Angle Wrench/Screwdriver (High Pressure & Low Pressure)



IPW-2315A
7~15Nm; 6,000rpm

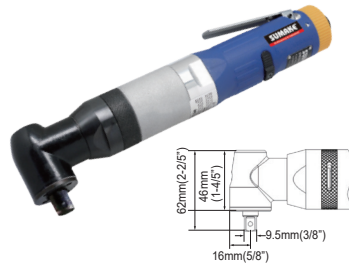
IPW-2320AN
18~25Nm; 5,200rpm

IPW-2314AL
7~14Nm; 4,500rpm

IPW-2328A
13~25Nm; 6,000rpm

IPW-2330AN
25~35Nm; 6,000rpm

IPW-2325AL
12~22Nm; 4,800rpm



IPS-2218A
7~15Nm; 6,000rpm

IPS-2225A
18~25Nm; 5,300rpm

IPS-2224AN
18~26Nm; 5,800rpm

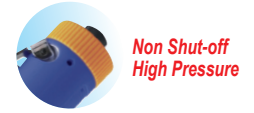
IPS-2229AN
22~30Nm; 5,200rpm

IPS-2212AL
6~12Nm; 5,500rpm

IPS-2223A
16~23Nm; 6,000rpm

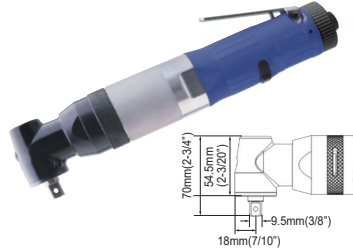
IPS-2218AN
14~20Nm; 4,200rpm

IPS-2222AL
14~22Nm; 4,800rpm



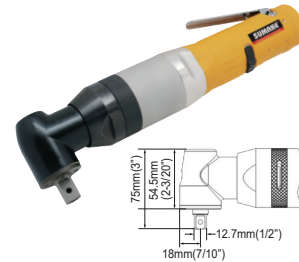
IPW-2450A
28~60Nm; 3,300rpm

IPW-2445AL
30~50Nm; 2,800rpm



IPW-2335A
27~45Nm; 3,800rpm

IPW-2330AL
20~35Nm; 4,000rpm



IPW-2440A
30~50Nm; 3,800rpm

IPW-2460A
35~62Nm; 4,400rpm

IPW-2462AN
45~62Nm; 4,000rpm

IPW-2480AN
45~80Nm; 5,000rpm

IPW-2440AL
28~45Nm; 4,000rpm

IPW-2485AN
60~90Nm; 3,500rpm

IPW-2345AN
40~55Nm; 4,000rpm

IPW-2445A
26~50Nm; 4,000rpm

IPW-2458AN
40~58Nm; 3,900rpm

IPW-2460AL
42~60Nm; 4,300rpm

Specification:

Model No.	Square (inch)	Capacity Bolt Size (mm)	Torque Range (5~6 bar)		Free Speed (rpm)		Air Inlet (PT)	Rec. Hose Size (mm)	Sound Pressure (dB(A))	Air Consumption		Overall Length		Net Weight			
			Nm	ft-lbs	5bar	6bar				l/min	cfm	mm	inch	kgs	lbs		
High Pressure gun 5~6bar (72.5~87psi)																	
Auto Shut-off	1/4Hex	5-6	13-18	9.6~13.3	4,500	4,700	1/4"	8.0	75	250	8.8	259	10.2	1.28	2.82		
			16-23	11.8~17	5,600	6,000	1/4"	8.0	75	300	10.6	270	10.62	1.32	2.91		
			8	18-25	13.3~18.5	5,000	5,300	1/4"	8.0	75	350	12.4	281	11	1.42	3.13	
	3/8	5-6	7-15	5.2~11.1	5,600	6,000	1/4"	6.5	75	252	8.8	258	10.12	1.35	2.98		
			6-8	13-25	9.6~18.5	5,600	6,000	1/4"	8.0	75	302	10.6	270	10.63	1.35	2.98	
			8-10	27-45	19.9~33.3	3,500	3,800	1/4"	8.0	78	350	12.4	289	11.37	1.63	3.59	
	1/2	10	28-60	20.7~44.4	3,100	3,300	1/4"	8.0	80	350	12.4	275	10.83	2	4.41		
			8	30-50	22.2~37	2,500	3,800	1/4"	8.0	78	350	12.4	289	11.37	1.64	3.62	
			10	26-50	19.2~37	3,800	4,000	1/4"	8.0	78	350	12.4	290	11.43	1.83	4.03	
1/2	10	35-62	25.9~45.9	4,200	4,400	1/4"	8.0	80	350	12.4	295	11.6	2	4.41			
		Non Shut-off	1/4Hex	8	14-20	10.4~14.8	4,000	4,200	1/4"	8.0	75	400	14	256	10	1.22	2.69
					6-8	18-26	13.3~19.2	5,400	5,800	1/4"	8.0	75	430	15	264	10.4	1.26
8	22-30				16.3~22.2	4,800	5,200	1/4"	8.0	75	450	16	277	10.62	1.40	3.09	
3/8	6-8		18-25	13.3~18.5	-	4,800	1/4"	6.5	75	403	14.1	250	9.84	1.35	2.98		
			8	25-35	18.5~25.9	-	5,700	1/4"	8.0	75	433	15.2	261	10.28	1.45	3.20	
			8-10	40-55	29.6~40.7	-	3,600	1/4"	8.0	78	453	15.9	275	10.83	1.65	3.64	
1/2	10		60-90	44.4~66.6	3,200	3,500	1/4"	8.0	78	450	16	305	11.22	1.62	3.57		
			10	50-70	37~51.8	3,400	3,800	1/4"	8.0	78	450	16	290	11.43	1.85	4	
		10	55-80	40.7~59.2	4,700	5,000	1/4"	8.0	78	500	17.5	294	11.57	1.97	4.34		
1/2	10-12	60-90	44.3~62.7	3,200	3,500	1/4"	8.0	80	504	17.7	290	11.42	1.85	4.08			
		Low Pressure gun 4~5bar (58~72.5psi)															
Auto Shut-off	1/4Hex	5-6	6-12	4.4~8.9	5,100	5,500	1/4"	8.0	75	200	7	259	10.2	1.27	2.80		
			6	11-16	8.1~11.8	4,800	5,200	1/4"	8.0	75	250	8.8	270	10.62	1.32	2.91	
			8	14-22	10.4~16.3	4,400	4,800	1/4"	8.0	75	270	9.5	281	11	1.42	3.13	
	3/8	6-8	7-14	5.2~10.4	4,100	4,500	1/4"	6.5	75	201	7.1	258	10.16	1.35	2.98		
			8	12-22	8.9~16.3	4,400	4,800	1/4"	8.0	75	252	8.8	270	10.63	1.45	3.20	
			8	20-35	14.8~25.9	3,600	4,000	1/4"	8.0	78	272	9.5	289	11.38	1.64	3.61	
	1/2	8	28-45	20.7~33.3	3,600	4,000	1/4"	8.0	75	272	9.5	289	11.38	1.64	3.61		
			8-10	30-50	22.1~37	2,400	2,800	1/4"	8.0	80	272	9.5	290	11.42	1.85	4.08	
			8-10	40-50	29.6~37	3,600	4,000	1/4"	8.0	75	272	9.5	290	11.43	1.83	4.03	
			8-10	42-60	31.1~44.4	3,900	4,300	1/4"	8.0	75	272	9.5	290	11.43	1.83	4.03	

Non Shut-off Air Oil Pulse Wrench / Screwdriver

1 Automatic pressure release device with higher efficiency (Patent Pending)

2 Standard trigger that is applicable to new series of oil pulse tool.

3 R/L switcher

5 360° rotary exhaust

4 Groove of handle
Enables palm and fingers to fit better upon holding the tools.

IPW-2312PN

6~12Nm; 4,000rpm

IPW-2322PN

15~24Nm; 4,000rpm

IPW-2335PN

25~38Nm; 6,800rpm

IPW-2350PN

40~55Nm; 6,700rpm

IPW-2360PN

50~70Nm; 6,800rpm

IPW-2370PN

60~95Nm; 6,800rpm

IPW-2480PN

65~100Nm; 6,800rpm

IPW-2495PN

100~115Nm; 6,000rpm

IPW-24125PN

110~140Nm; 4,500rpm

IPW-24160PN

115~165Nm; 4,200rpm

IPW-26230PN

170~240Nm; 4,200rpm

IPW-26300PN

200~280Nm; 3,500rpm

IPS-2212PN

6~12Nm; 4,000rpm

IPS-2235PN

30~40Nm; 6,500rpm

IPS-2220PN

13~20Nm; 4,000rpm

IPS-2240PN

35~45Nm; 6,500rpm

IPS-2228PN

18~30Nm; 6,800rpm

IPS-2260PN **NEW**

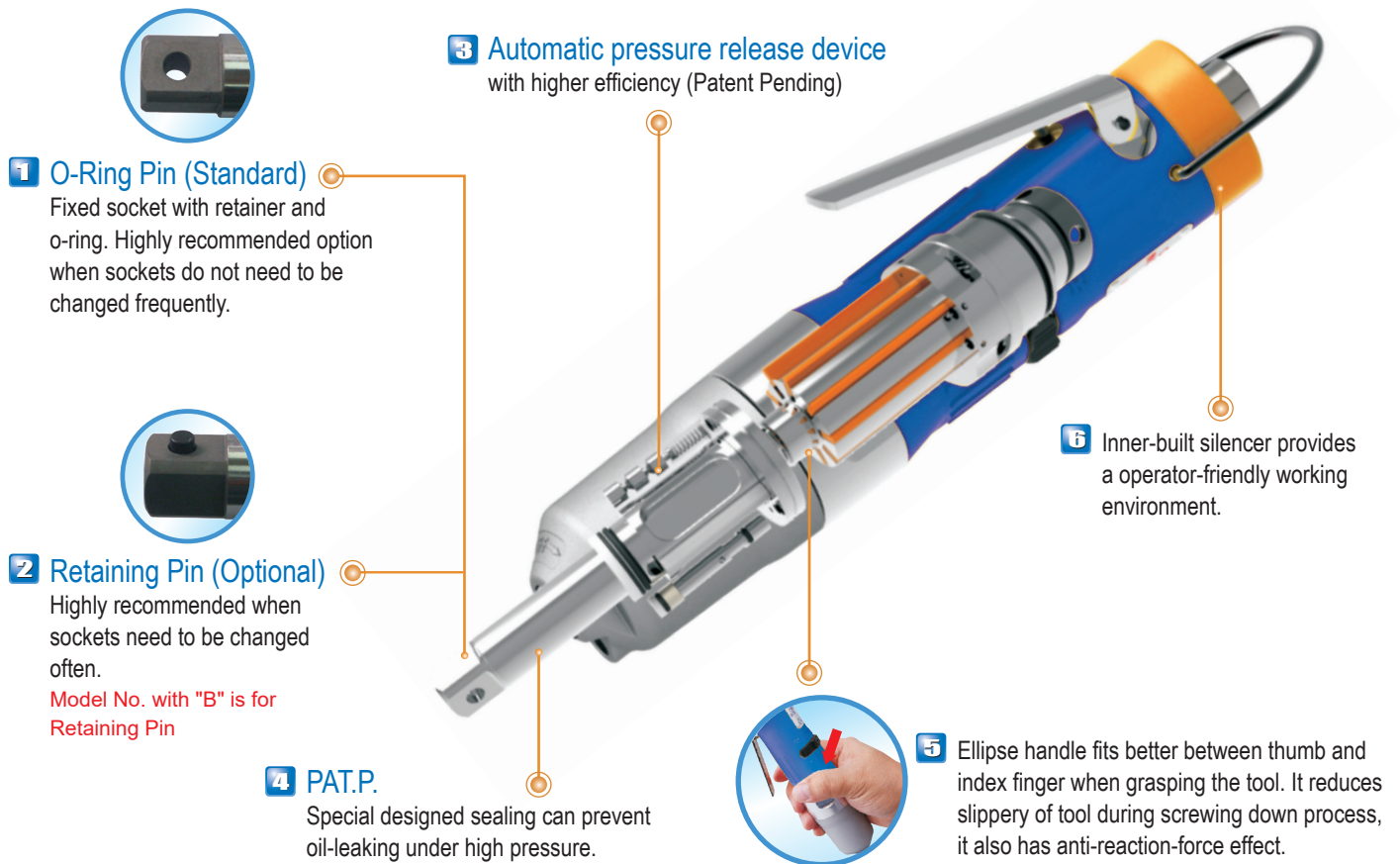
45~60Nm; 6,800rpm

Specification:

★ Recommend Air Pressure 5~6bar (72.5~87psi)

Model No.	Square (inch)	Capacity Bolt Size (mm)	Torque Range (5~6bar)		Free Speed (6bar) (rpm)	Air Inlet (PT)	Rec. Hose Size (mm)	Sound Pressure (dB(A))	Air Consumption		Overall Length		Net Weight	
			Nm	ft-lbs					l/min	cfm	mm	inch	kgs	lbs
IPW-2312PN	3/8	5~6	6~12	4.4~8.9	4,000	1/4"	6.5	75	200	7	131	5.16	0.7	1.54
IPW-2322PN	3/8	6	15~24	11.1~17.8	4,000	1/4"	6.5	75	200	7	131	5.16	0.7	1.54
IPW-2335PN	3/8	6~8	25~38	18.5~28.0	6,800	1/4"	6.5	78	300	10.6	134	5.28	0.77	1.7
IPW-2350PN	3/8	8~10	40~55	29.6~40.7	6,700	1/4"	8.0	80	400	14.1	141	5.55	0.82	1.81
IPW-2360PN	3/8	10	50~70	37~51.8	6,800	1/4"	8.0	80	450	15.9	155	6.11	0.95	2.09
IPW-2370PN	3/8	10	60~95	44.4~70.3	6,800	1/4"	8.0	80	480	17	161.5	6.33	1.15	2.54
IPW-2480PN	1/2	10~12	65~100	48.1~74	6,800	1/4"	8.0	80	480	17	166.5	6.55	1.17	2.58
IPW-2495PN	1/2	12	100~115	74~77.5	6,000	1/4"	8.0	82	530	18.7	165	6.5	1.3	2.87
IPW-24125PN	1/2	12~14	110~140	81.1~103.3	4,500	1/4"	8.0	80	580	20.5	172	6.77	1.66	3.66
IPW-24160PN	1/2	14	115~165	85.1~121.7	4,200	1/4"	12.7	83	650	23	185	7.28	2.3	5.07
IPW-26230PN	3/4	14~16	170~240	125.8~177.2	4,200	1/4"	12.7	82	700	25	213.5	8.43	2.5	5.5
IPW-26300PN	3/4	16~18	200~280	147.5~206.6	3,500	3/8"	12.7	82	700	25	226.5	8.94	3	6.6
IPS-2212PN	1/4Hex	5~6	6~12	4.4~8.9	4,000	1/4"	6.5	75	200	7	131	5.16	0.7	1.54
IPS-2220PN	1/4Hex	6	13~20	9.6~14.8	4,000	1/4"	6.5	75	200	7	131	5.16	0.7	1.54
IPS-2228PN	1/4Hex	6~8	18~30	13.3~22.1	6,800	1/4"	6.5	78	300	10.6	134	5.28	0.77	1.7
IPS-2235PN	1/4Hex	8	30~40	18.4~25.8	6,500	1/4"	8.0	80	400	14.1	142	5.75	0.82	1.81
IPS-2240PN	1/4Hex	8~10	35~45	25.8~33.2	6,500	1/4"	8.0	80	450	15.9	155	6.11	0.95	2.09
IPS-2260PN	1/4Hex	8~10	45~60	33.2~44.4	6,800	1/4"	8.0	80	480	16.9	170	6.66	1.18	2.6

Non Shut-off Air Oil Pulse Wrench / Screwdriver



1 O-Ring Pin (Standard)
Fixed socket with retainer and o-ring. Highly recommended option when sockets do not need to be changed frequently.

2 Retaining Pin (Optional)
Highly recommended when sockets need to be changed often.
Model No. with "B" is for Retaining Pin

4 PAT.P.
Special designed sealing can prevent oil-leaking under high pressure.

3 Automatic pressure release device
with higher efficiency (Patent Pending)

5 Ellipse handle fits better between thumb and index finger when grasping the tool. It reduces slippery of tool during screwing down process, it also has anti-reaction-force effect.

6 Inner-built silencer provides a operator-friendly working environment.

IPW-2322N 22~40Nm; 5,400rpm
IPW-2335N 31~44Nm; 5,800rpm
IPW-2350N 42~57Nm; 5,900rpm
IPW-2360N 50~70Nm; 5,700rpm
IPW-2370N 60~90Nm; 5,900rpm

IPW-2480N 65~95Nm; 5,900rpm

IPS-2220N 15~23Nm; 5,400rpm
IPS-2228N 24~33Nm; 5,800rpm
IPS-2235N 35~42Nm; 5,900rpm
IPS-2240N 36~46Nm; 5,600rpm
NEW IPS-2260N 45~60Nm; 5,900rpm

IPS-2210N 8~12Nm; 6,900rpm

Specification:

★ Recommend Air Pressure 5~6bar (72.5~87psi)

Model No.	Square (inch)	Capacity Bolt Size (mm)	Torque Range (5~6bar)		Free Speed (6bar) (rpm)	Air Inlet (PT)	Rec. Hose Size (mm)	Sound Pressure (dB(A))	Air Consumption		Overall Length		Net Weight	
			Nm	ft-lbs					l/min	cfm	mm	inch	kgs	lbs
IPW-2322N	3/8	5~6	22~40	16.3~29.6	5,400	1/4"	6.5	75	230	8.1	218	8.57	0.62	1.37
IPW-2335N	3/8	6~8	31~44	22.9~32.6	5,800	1/4"	6.5	78	350	12.4	218	8.57	0.74	1.63
IPW-2350N	3/8	8~10	42~57	31.1~42.2	5,900	1/4"	8.0	80	450	15.9	228	9	0.77	1.7
IPW-2360N	3/8	10	50~70	29.5~44.3	5,700	1/4"	8.0	84	450	15.9	240.5	9.5	0.87	1.92
IPW-2370N	3/8	10	60~90	44.4~70.3	5,900	1/4"	8.0	80	480	17	247	9.72	1.20	2.65
IPW-2480N	1/2	10~12	65~95	48.1~70.3	5,900	1/4"	8.0	80	480	17	251.5	9.88	1.25	2.76
IPS-2220N	1/4Hex	5~6	15~23	11.1~17.0	5,400	1/4"	6.5	75	230	8.1	220.5	8.62	0.62	1.37
IPS-2228N	1/4Hex	6~8	24~33	17.8~24.4	5,800	1/4"	6.5	78	350	12.4	220.5	8.62	0.74	1.63
IPS-2235N	1/4Hex	8	35~42	25.9~31.1	5,900	1/4"	8.0	80	450	15.9	230.5	9	0.77	1.7
IPS-2240N	1/4Hex	8~10	36~46	26.6~34.0	5,600	1/4"	8.0	84	450	15.9	240.5	9.5	0.87	1.92
IPS-2260N	1/4Hex	8~10	45~60	33.3~44.3	5,900	1/4"	8.0	80	480	17	250	9.83	1.24	2.73
IPS-2210N	1/4Hex	5	8~12	5.9~8.9	6,900	1/4"	5.0	65	200	7	219	8.62	0.72	1.58



Electric Screwdrivers



Industrial Air Screwdriver



Automatic Screw Feeder



Oil Pulse Tools



Compressors & Air Pump



Air Nailer & Air Stapler



Impact Sockets



Industrial Air Sander



Torque Wrench



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