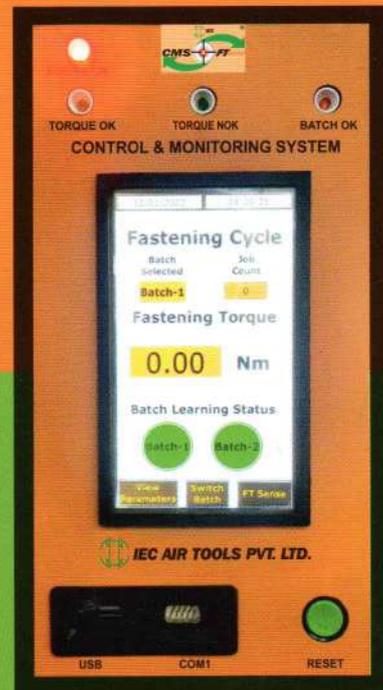




GETTING THINGS TOGETHER



SINCE 1972



Never before fastening quality!

Never before operator comfort!!

IEC the leaders in Air Tools, continues to be forerunner in regularly introducing latest technology & solutions. The solutions and models are accepted in the market for their quality and competitiveness. IEC tools offer rewarding TCO and a win-win solution to it's customers.

Ideal fastening tool for modern assembly line. IEC introduces latest generation of Accura Oil Pulse Shut Off Wrenches (ST) offering three key features: ■ **High Accuracy** ■ **High Power to Weight Ratio** ■ **Enhanced Ergonomics**

Salient Features: ■ Powerful Double Chamber Air Motor ■ Fast and Accurate tightening ■ Oil Pressure sensing Shut Off Mechanism ■ Ease of torque Adjustment ■ Double Blade Pulsing Mechanism ■ Durable Performance ■ Low Noise and Lesser Vibrations ■ Ease of Operation ■ Rubber Grip



Accura Oil Pulse Shut-off Wrenches '+ Series

MODEL	CAPACITY BOLT SIZE	FREE SPEED RPM	TORQUE RANGE (N-m)		SQUARE DRIVE SHANK MM	WEIGHT Kg.	OVERALL LENGTH MM	AIR INLET THREAD BSP	AIR HOSE SIZE MM	AIR PRESSURE Kg./Cm ²
			Min.	Max.						
IAP-4ST+	M5	7500	09	15	9.50	0.90	171.0	1/4"	9.5	6.0
IAP-4STD**	M5	7500	08	13	6.35	0.91	179.5	1/4"	9.5	6.0
IAP-6ST+	M8	7000	20	35	9.50	1.25	184.0	1/4"	9.5	6.0
IAP-6STD**	M8	7000	18	32	6.35	1.25	189.0	1/4"	9.5	6.0
IAP-6SST+	M8	6500	20	35	9.50	1.20	232.0	1/4"	9.5	6.0
IAP-6SSTD**	M8	6500	18	32	6.35	1.20	237.0	1/4"	9.5	6.0
IAP-8ST+	M8-M10	6000	40	60	9.50	1.40	206.5	1/4"	9.5	6.0
IAP-8STD**	M8-M10	6000	40	57	6.35	1.40	209.0	1/4"	9.5	6.0
IAP-8SST+	M8-M10	6000	40	60	9.50	1.40	257.0	1/4"	9.5	6.0
IAP-8SSTD**	M8-M10	6000	40	57	6.35	1.40	259.5	1/4"	9.5	6.0
IAP-10ST+	M10-M12	5300	85	110	12.70	1.95	208.0	1/4"	9.5	6.0

** Suffix the above tools with 'D' for Driver Type Anvil. Example: IAP-6STD+



IEC AIR TOOLS PVT. LTD. introduces : CMS - CYCLE MONITORING SYSTEM - The effective Poka-Yoke solution for modern assembly lines.

Cycle Monitoring System - CMS & CMS (NS)

■ **CMS: CMS - CYCLE MONITORING SYSTEM** which can be interfaced with any of the IEC Accura Pulse Shut Off tools and the tool will have to be ordered separately mentioning suffix 'P' for example IAP-6ST+ P.

■ **CMS (NS) - IEC** innovates to enable Shut-off functionality for Non Shut-off Pulse Tools & Impact Wrenches. By integrating any IEC Non Shut-off Pulse Tool or Impact Wrench with our Controller Monitoring System CMS (NS) via a sensor hose, the tool transforms into a smart Shut-off solution. During start up the intuitive process guide on the controller allows operators to quickly follow the setup flow. Once connected the system monitors performance parameters and automatically controls Shut-off, delivering accuracy comparable to conventional Shut-off tools.

Key Benefits: ■ Convert standard Non Shut-off tools into intelligent Shut-off systems with process monitoring. ■ Easy and fast setup via the controller flow guide. ■ Enhanced precision and repeatability without changing your existing tool. ■ Ideal for both Pulse and Impact applications. ● **Optional and scalable solutions on the offering at extra cost:** QR Code/Barcode printer, QR Code/Barcode Scanner. Sequential Tightening with interlocks. Torque audit interlock with data traceability.

Salient Features: ■ Cycle and Batch count upto 99999 ■ Displays OK (Green Light) / NOK (Red Light) function ■ Displays the number of cycles completed ■ Easy Batch Selection ■ As process is monitored, Shut Off & Non Shut Off Pulse Tools operate with better accuracy ■ Free run NOK ■ Batch OK & Cycle NOK are sent to I/O connector for poka yoke ■ Easy Handling ■ Indigenously designed & manufactured in India.

Accura Pulse Wrenches

Accura Pulse Wrenches are the ideal fastening tools for modern assembly line. This combination tool of an air motor and unique hydraulic pulse unit offers distinct advantages over conventional Impact Wrenches and Nutrunners in terms of better quality of fastening, longer life and operator comfort. The torque of the tool can be easily varied within the range of the tool and remains practically constant.



Salient Features: ■ Powerful Double Chamber Air Motor ■ Fast and Accurate tightening ■ Ease of torque Adjustment ■ Double Blade Pulsing Mechanism ■ Durable Performance ■ Low Noise and Lesser Vibrations ■ Ease of Operation ■ Rubber Grip



MODEL	CAPACITY BOLT SIZE	FREE SPEED RPM	TORQUE RANGE (N-m)		SQUARE DRIVE SHANK MM	WEIGHT Kg.	OVERALL LENGTH MM	AIR INLET THREAD BSP	AIR HOSE SIZE MM	AIR PRESSURE Kg./Cm ²
			Min.	Max.						
IAP-3	M5	7500	9	~ 15	9.50	0.81	139.0	1/4"	9.5	6.0
IAP-3D**	M5	7500	8	~ 13	6.35*	0.82	147.5	1/4"	9.5	6.0
IAP-3S	M5	8000	9	~ 15	9.50	0.85	210.0	1/4"	9.5	6.0
IAP-3SD	M5	8000	8	~ 13	6.35*	0.86	215.0	1/4"	9.5	6.0
IAP-6	M6 - M8	6500	15	~ 35	9.50	0.95	155.0	1/4"	9.5	6.0
IAP-8M	M8	7000	15	~ 35	9.50	1.19	146.0	1/4"	9.5	6.0
IAP-8MD**	M8	7000	15	~ 30	6.35*	1.19	151.0	1/4"	9.5	6.0
IAP-8MS	M8	8200	15	~ 35	9.50	1.20	221.0	1/4"	9.5	6.0
IAP-8MSD**	M8	8200	15	~ 30	6.35*	1.20	226.0	1/4"	9.5	6.0
IAP-8MSA*	M8	7000	15	~ 35	9.50	1.64	256.0	1/4"	9.5	6.0
IAP-8	M8-M10	6000	35	~ 70	9.50	1.30	168.0	1/4"	9.5	6.0
IAP-8D**	M8-M10	6000	30	~ 60	6.35*	1.30	171.0	1/4"	9.5	6.0
IAP-8S	M8-M10	6500	35	~ 70	9.50	1.25	245.0	1/4"	9.5	6.0
IAP-8SD**	M8-M10	6500	30	~ 60	6.35*	1.25	250.0	1/4"	9.5	6.0
IAP-8SA*	M8-M10	5500	30	~ 60	9.50	1.80	292.0	1/4"	9.5	6.0
IAP-10	M10-M12	5300	70	~ 120	12.70	1.90	208.0	1/4"	9.5	6.0
IAP-16	M16	2800	120	~ 200	12.70	3.65	210.0	1/4"	9.5	6.0
IAP-18	M18	2400	200	~ 300	19.05	4.90	240.0	3/8"	12.7	6.0
IAP-20	M18-M20	4000	300	~ 400	19.05	6.50	270.0	3/8"	12.7	6.0
IAP-24	M24	3500	300	~ 550	25.40	12.50	443.0	3/4"	12.7	6.0

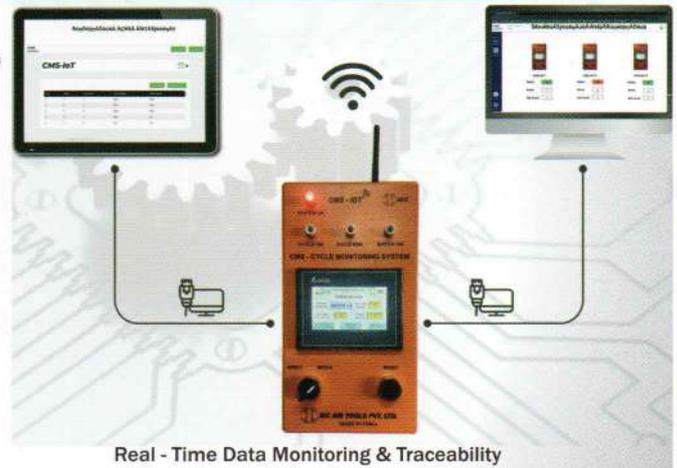
* Angular Tool ** Specifications to be read as Anvil Drive Hex. (Q.C.) # Torque and RPM ratings available @ 5 Kg/Cm² ■ Check joint conditions while selecting Pulse Tools. Rated working pressure will give optimum results. Select most suitable model. ■ Use correct size of Hoses and Couplers. Use Impact Sockets only. Clean Dry Air will further enhance the life of Pulse Tools.

Cycle Monitoring System IoT

Industrial IoT Poka-Yoke Solution: Revolutionizing Fastening Processes for Industry 4.0

The plug-and-play solution transforms conventional pneumatic fastening tools into IoT-enabled smart tools, ensuring error-free fastening operations and providing real-time insights to optimize production and enhance accuracy.

- Accurate and Precise Fastening**
- Comprehensive Data Traceability**
- Advanced Real-Time Monitoring**
- Enhanced Productivity & OEE**
- Customizable Cycle & Batch Count**
- Cycle & Batch Status Indicator**
- Easy Batch Switching**
- Effortless Data Collection**
- Real-Time Insights**
- Cloud Agnostics**



Real - Time Data Monitoring & Traceability



'+' Series Light Weight Impact Wrenches

MODEL	TYPE OF HANDLE	CAPACITY BOLT SIZE	FREE SPEED RPM 6Kg./Cm ²	SQUARE DRIVE SHANK MM	APROX. WEIGHT WITHOUT SOCKET Kg.	OVERALL LENGTH (APROX) MM	AIR INLET THREAD BSP	AIR HOSE SIZE MM
IW-13+	P	M12-M14	6000	12.70	02.60	200	1/4"	9.65
IW-220+	P	M20	4500	19.00	03.75	240	3/8"	12.7
IW-32+	G	M36	3500	25.40	11.00	440	1/2"	12.7
IW-32L+	G	M36	3500	25.40	13.50	545	1/2"	12.7

Salient Features: ■ Ideally suited for Heavy Duty Applications ■ Light Weight ■ Low Noise Level ■ Ergonomic Design ■ Increased Operator Comfort ■ Oil Bath Lubrication for Impacting Parts. **Optional Accessories:** ■ Extended Anvil ■ Air Regulator ■ Impact Socket

'N' Series Light Weight Impact Wrenches

MODEL	TYPE OF HANDLE	CAPACITY BOLT SIZE	FREE SPEED RPM 6Kg./Cm ²	SQUARE DRIVE SHANK MM	APROX. WEIGHT WITHOUT SOCKET Kg.	OVERALL LENGTH (APROX) MM	AIR INLET THREAD BSP	AIR HOSE SIZE MM
IW-6N	P	M8	6500	9.50	1.45	146	1/4"	9.5
IW-6ND**	P	M8	6500	HEX 6.35	1.45	146	1/4"	9.5
IW-8N	P	M8-M12	6500	12.70	1.50	150	1/4"	9.5
IW-10N	P	M12-M14	6000	12.70	2.28	176	1/4"	9.5
IW-13N	P	M12-M14	5700	12.70	2.65	190	1/4"	9.5



Salient Features: ■ Ideally suited for Heavy Duty Applications ■ Light Weight ■ Low Noise Level ■ Ergonomic Design ■ Increased Operator Comfort ■ Oil Bath Lubrication for Impacting Parts ■ Duel Hammer Mechanism for well balanced fast run down. **Optional Accessories:** ■ Extended Anvil ■ Air Regulator ■ Impact Socket ■ **Driver Anvil

IEC offers a very wide range of Impact Wrenches upto Bolt Size M38. They are ideally suited for tightening and loosening of Nuts and Bolts in Mass Production Assembly Lines and other Assembly Operations to enhance productivity. They offer Powerful, Speedy and Durable Performance. The tough industrial jobs are made easy with minimal fatigue and lesser torque reaction to the operator.

Impact Wrenches



MODEL	TYPE OF HANDLE	CAPACITY BOLT SIZE MM	FREE SPEED RPM	SQUARE DRIVE SHANK MM	APROX. WEIGHT WITHOUT SOCKET Kg.	OVERALL LENGTH (APROX) MM	AIR INLET THREAD BSP	AIR HOSE SIZE MM
IW-4	P	M6	7300	9.50	1.30	170	1/4"	9.5
IW-4H	P	M6	7300	9.50	1.30	170	1/4"	9.5
IW-4S**	S	M6	7300	9.50	1.00	190	1/4"	9.5
IW-4HS	S	M6	7300	9.50	1.00	207	1/4"	9.5
IW-6SHA	S	M8	7000	9.50	2.00	240	1/4"	9.5
IW-6SSH**	S	M8	6800	9.50	1.40	200	1/4"	9.5
IW-8S**	S	M8	6800	12.70	1.40	209	1/4"	9.5

- P=Pistol Grip (Offset Type) ■ S=Straight ■ A=Angular
- G=Grip Handle ■ L=Extended Anvil

Salient Feature: ■ Multi Vane Air Motor for smooth and powerful performance. ■ Dual Hammer Mechanism for well balanced fast run down. ■ Three section construction for convenience in repairs ■ Compact, Light Weight and Reversible. ■ Adjustable Torque with Air Regulator. ■ ** Adaptable for Screw Driving application with change of Anvil.

Note: ■ Operating Air Pressure for above models of Impact Wrenches including 'N' series is 6Kg./Cm²

■ ** **Optional Accessories:** 1. Drive Anvil 2. Extended Anvil 3. Air Regulator 4. Impact Sockets ■ **Optional Accessories:** 1. Extended Anvil 2. Impact Sockets

Note: Suitable Anvils/Adaptors are available for Screw Driving applications.

Torque Controlled Shut Off Screw Drivers

MODEL	CAPACITY SCREW SIZE MM	FREE SPEED RPM	TORQUE RANGE Nm	WEIGHT Kg.	AIR INLET THREAD BSP	AIR HOSE SIZE MM	AIR PRESSURE Kg./Cm ²
IS-4TC/P	M5	950	1.5 - 2.8	0.7	1/4"	9.50	6.0
IS-5TC/P	M6	850	2.5 - 5.2	1.1	1/4"	9.50	6.0

Salient Features: ■ External Torque adjustment : for quick and easy torque setting ■ Auto start by axial push. No need to press the lever ■ Auto Shut Off : Positive and Automatic torque control by air shut off ■ Available in Straight and Pistol type grip.



■ Specifications are subject to change without prior notice.

Slip Clutch Screw Drivers

MODEL	TYPE OF HANDLE	CAPACITY SCREW SIZE MM	FREE SPEED RPM	WEIGHT WITHOUT BIT Kg.	OVERALL LENGTH MM	AIR INLET THREAD BSP	AIR HOSE SIZE MM	AIR PRESSURE Kg./Cm ²
IS-4N	S	M4	2000	0.60	215	1/4"	6.40	4.0
IS-4P	P	M4	2000	0.85	200	1/4"	6.40	4.0
IS-5	S	M5	1400	1.00	270	1/4"	6.40	4.0
IS-5P	P	M5	1400	1.30	245	1/4"	6.40	4.0
IS-5A	A	M4	1400	1.10	235	1/4"	6.40	4.0



Salient Features: ■ Screw Bit rotates only when Axial pressure is applied to engage the clutch (except Angular Type) ■ Adjustment springs of three different tensions are available for wider torque adjustments ■ Can be used for tightening various types of fasteners with suitable accessories ■ Light & Compact ■ Reversible ■ Exhaust Deflector/Silencer provided.

Impact Screw Drivers



MODEL	TYPE OF HANDLE	CAPACITY SCREW SIZE MM	FREE SPEED RPM	WEIGHT WITHOUT BIT Kg.	OVERALL LENGTH MM	AIR INLET THREAD BSP	AIR HOSE SIZE MM	AIR PRESSURE Kg./Cm ²
IS-6H	S	M5	9000	0.90	227	1/4"	9.50	6.0
IS-6HP	P	M5	9000	1.00	200	1/4"	9.50	6.0
IS-6HN	S	M5	9000	0.90	200	1/4"	9.50	6.0
IS-6HNP	P	M5	9000	1.00	165	1/4"	9.50	6.0
IW-61SD	P	M6	7300	1.20	159	1/4"	9.50	6.0
IW-4SD	P	M6	7300	1.30	186	1/4"	9.50	6.0
IW-4SSD	S	M6	7300	1.00	205	1/4"	9.50	6.0
IW-4HSD	S	M6	7300	1.00	217	1/4"	9.50	6.0
IW-6ND	P	M8	8500	1.45	146	1/4"	9.50	6.0
IW-6SSHD	S	M8	6800	1.40	212	1/4"	9.50	6.0

Salient Features: ■ Higher Torque and better speed for heavy duty fastening job. e.g. Self Tapping Screws ■ Can be used for tightening various types of fasteners with suitable accessories ■ Light & Compact ■ Reversible ■ Exhaust Deflector/ Silencer provided.



Salient Features: ■ The High Speed drill ID-6N at 6000 RPM is most suitable for application demanding high cutting speed with steady power and enhanced ergonomics. **Applications:** ■ Coach Building Factories ■ Bus Body Building ■ Control Panel Manufacturing ■ Aerospace

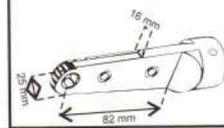
MODEL	DRILLING CAPACITY MM	FREE SPEED RPM	WEIGHT WITH CHUCK Kg.	OVERALL LENGTH MM	AIR INLET THREAD BSP	AIR HOSE SIZE MM	AIR PRESSURE Kg./Cm ²
ID-6N	6	6000	1.15	190	1/4"	9.50	7.00
	10	6000	1.45	200	1/4"	9.50	7.00

Pneumatic High Speed Drill

Ratchet Wrench

MODEL	TYPE OF HANDLE	CAPACITY BOLT SIZE MM	FREE SPEED RPM	WEIGHT WITHOUT SOCKET Kg.	OVERALL LENGTH MM	AIR INLET THREAD BSP	AIR HOSE SIZE MM
IRW-10	S	M10	180	2.40	390	1/4"	9.50

Head dimension IRW-10



Salient Features: ■ Ideally suited for accessing hard to reach locations and where there is a restriction of usage of conventional Impact Wrench ■ Tool is Compact and various Socket sizes are provided to adapt to specific applications.

Note: Sockets available in the range of 8mm Hex, 14mm Hex, 17mm Hex & 19mm Hex. **Standard Supply:** 13mm Hex, (17mm Hex & 19mm Hex. are available optionally)



Air Tapper

MODEL	TAPPING CAPACITY MM	FREE SPEED RPM	WEIGHT WITHOUT CHUCK Kg.	OVERALL LENGTH W/O CHUCK MM	AIR INLET THREAD BSP	AIR HOSE SIZE MM
IT-8	M8	1500	1.35	165	1/4"	9.50
IT-8S	M8	1050	1.25	250	1/4"	9.50
IT-8N	M8	1600	1.50	160	1/4"	9.50

Salient Features: ■ Compact, Light and Handy ■ Double Trigger conveniently located for change in rotation ■ Convenient Pistol Grip ■ Powerful Air Motor
Note: ■ Operating Air Pressure for above models is 6Kg./Cm² ■ IT-8N tool is provided with Drill Chuck and can be used as a Reversible Drill or for Re-Tapping application.

Authorised Dealer

■ Specifications are subject to change without prior notice.



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