

### Series YLT

**Torque Range 4.5 - 210 Nm**



The lightweight Yokota YLT series impulse wrenches with double chamber air motor achieve the required torque very quickly. The tools have a high number of impulses per second, and therefore very accurate torques can be realised, resulting in increased production speed. Design innovation and the application of new materials significantly reduce the weight and increase the service intervals.

Yokota impulse wrenches are widely used for tightening jobs in the assembly industry, where accurate torque tolerances are necessary. Impulse tools are light, powerful, small and very importantly, have no kick-back. Evaluation of tightening processes in car assembly shows that tightening joints uses 10% of the total assembly time. Working with faster tools therefore can speed up assembly lines substantially.

#### Features:

- No lube air motor to protect the environment.
- Extended oil-change intervals
- Lightweight
- Low air consumption, high efficiency air motor
- High durability, due to improved air motor design features, with special patented air motor vanes.
- Improved ergonomic design
- Low noise and vibration levels.
- Low trigger force
- The 3/8" and 1/2" square drive models feature a locking pin enabling fast change of sockets. Models with "A" featuring 1/4" hexagon quick change coupling.
- Applying **reaction-free** Yokota impulse wrenches at the assembly line reduces the **RSI risk** significantly.

#### Specifications:

Model	Bolt Capacity mm	Free speed (RPM)	Adjustable torque range		Weight kg	Overall Length mm	Square Drive mm	Noise Level dB(A)	Trial axial resultant value (m/s <sup>2</sup> )
			Standard type 0.5~0.6MPa	Low pressure type 0.4~0.5MPa					
			N·m	N·m					
YLT50	M5	4300	4.5-13	4.5-13	0.95	164	9.5	70	Below 2.5
YLT60	M6	4500	7-15.5	6-13.5	0.95	164	9.5	70	Below 2.5
YLT70	M6-M8	6300	15-32	13-28	1.01	177	9.5	73	Below 2.5
YLT80	M8-M10	6600	30-55	25-48	1.12	187	9.5	76	Below 2.5
YLT110	M10-M12	5800	50-85	45-75	1.51	194	12.7	80	Below 2.5
YLT120	M12	5100	70-115	60-100	1.79	201	12.7	82	Below 2.5
YLT140	M14	4900	110-150	80-125	2.08	214	12.7	84	5.3
YLT150	M16	4400	140-210	110-170	2.90	237	19	86	6.3
YLT50A	M5	4300	4.5-13	4.5-13	0.95	164	6.35 (Hex.)	70	Below 2.5
YLT60A	M6	4500	6-13	5-11.5	0.95	164	6.35 (Hex.)	70	Below 2.5
YLT70A	M6-M8	5800	13-28	11-25	1.01	177	6.35 (Hex.)	73	Below 2.5