Industrial Impulse Wrench – YX series

Img.: YX-280 SE

Img.: YX-500 C

Img.: YX-4500

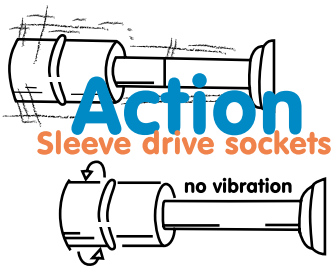
Yokota impulse wrenches are widely used for tightening jobs in the assembly industry, where accurate torque tolerances are necessary. Impulse tools are light, powerful, small and very importantly, have no kick-back, in common with a high repeatability as well as low noise and vibration level. Evaluation 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.

The 3/8 and 1/2 inch output square edge are equipped with a spring pin. This allows sockets to be changed in no time at all.

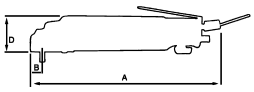
An air maintenance unit should be installed upstream to keep wear and maintenance requirements low.

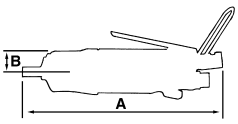
The use of reaction torque-free Yokota impulse wrenches on the assembly line significantly reduces the risk of illnesses such as RSI. As a result, sick leave due to musculoskeletal complaints decreases noticeably and operator acceptance increases significantly.

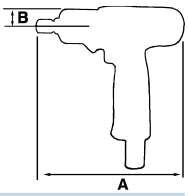
- Reliable double blade impulse mechanism (Yokota Twin-Blade).
- Free of reaction momentum.
- Efficient bolt tightening due to 2-step starter/trigger.



For impulse wrenches we recommend power sockets and extensions with sleeve drive – less tolerance, less wear for a permanently constant power output. In order to achieve maximum productivity, accuracy and durability, it has proven itself to use impulse wrenches up to approx. 80% of their capacity.







Series YX

Type			Model	Item No.	Bolt Capacity	RPM	Torque Range*	Air Cons.	Dimensions A	B	Weight	Pipe Thread	Hose ID	Vibration	Noise Level
	SqD	Hex			Ø	min^{-1}	N·m	l/s	mm		kg	Zoll	mm	m/s^2	dB(A)
Straight	–	1/4	YX-180 SA	410180	M4-M6	11000	20 - 24	4.2	220	23	1.00	1/4	9.5	<2.5	83
	–	1/4	YX-280 SA	410001	M6-M8	10500	23 - 29	5.0	232	23	1.06	1/4	9.5	<2.5	83
	–	1/4	YX-380 SA	410191	M8	9000	29 - 34	5.0	232	25.5	1.25	1/4	9.5	<2.5	81
	–	1/4	YX-500 SA	410104	M8-M10	7500	31 - 40	5.0	241	25.5	1.35	1/4	9.5	2.9	81
	3/8	–	YX-180 SE	410181	M4-M6	11000	24 - 28	4.2	220	23	1.00	1/4	9.5	3.0	83
	3/8	–	YX-280 SE	410003	M6-M8	10500	24 - 33	5.0	232	23	1.07	1/4	9.5	4.1	83
	3/8	–	YX-380 SE	410192	M8	9000	32 - 38	5.0	232	25.5	1.25	1/4	9.5	2.9	81
	3/8	–	YX-500 SE	410101	M8-M10	7500	38 - 46	5.0	241	25.5	1.35	1/4	9.5	3.0	81
	3/8	–	YX-700 SE	410111	M8-M10	5000	39 - 58	5.8	262	26.5	1.75	1/4	9.5	3.9	82
Angled	3/8	–	YX-280 C	410006	M4-M6	10000	20 - 24	5.0	257	16	1.33	1/4	6.5	n.a.	86
	3/8	–	YX-500 C	410105	M6-M8	7500	30 - 36	5.0	266	18	1.66	1/4	9.5	n.a.	80
	3/8	–	YX-700 C	410115	M8-M10	5000	30 - 40	5.8	289	18	2.03	1/4	9.5	n.a.	82
Pistol	3/8	–	YX-180 E	410183	M4-M6	10500	19 - 31	4.2	169	23	1.00	1/4	6.5	3.0	72
	3/4	–	YX-3000	410150	M16-M18	4700	200 - 304	10.0	246	40	5.28	1/4	12.7	3.9	80
	3/4	–	YX-4500	410160	M18-M20	3400	392 - 490	11.6	300	65	10.4	3/8	12.7	3.9	87

** Torque specification is for guidance only, based on manufacturer's tightening tests at 0.6 MPa. Due to different influencing factors, practical values may deviate.*

Further information available 24 / 7 on our website.