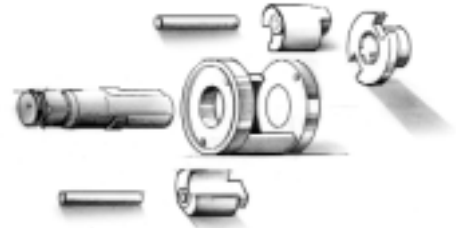


Impact wrenches

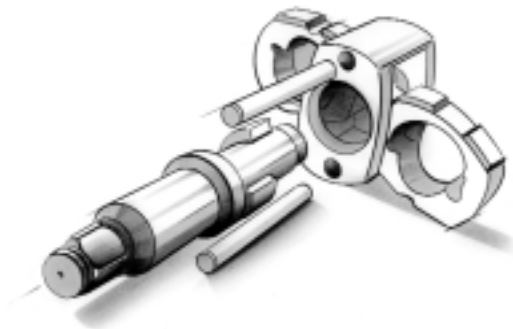
Mechanisms



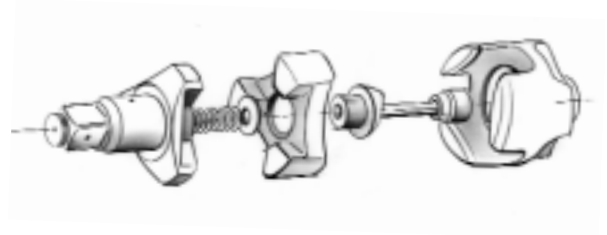
The 1-hammer system makes 1 impact per rotation at 1 side of the anvil. This causes a higher energy per blow. The impact wrenches with the 1-hammer system are especially suitable for disassembly jobs.



The 2-hammer system makes 2 impacts per rotation at both sides of the anvil.



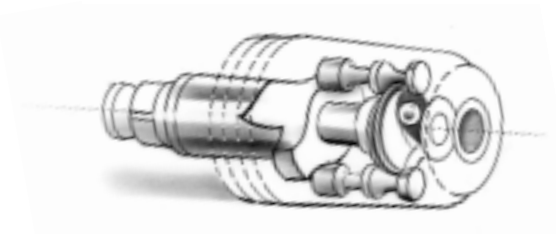
The twin-hammer system makes 2 impacts per rotation at both sides of the anvil. Same principal as the 2-hammer system, manufactured differently.



The 3-jaw system gives, per rotation, one impact on all 3 jaws of the anvil. This gives a high torque output. Impact wrenches with the 3-jaw system are only suitable for **hard joints**.



The closed hammer system: this construction, without loose hammerpin, will prevent breakage. The working principle is based on the 1-hammer system.



Dyna-Pact impact system has two pins hammering on the anvil, making 1 impact per rotation at both sides of the anvil at the same time. This system give high torque output and is well balanced.

Impact wrenches

Pistol models



MI-3800PR

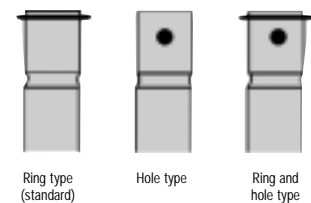
Type	Brand	Square drive	Bolt capacity mm	Impact mechanism	Rotations p/min	Torque Nm	Air consumption l/sec	Weight kg	Inlet thread	Hose diameter mm
MI-1300R	TOKU	3/8"	10	Closed hammer	9.500	120	5.3	1.6	PT 1/4"	10
MI-1300	TOKU	3/8"	10	Closed hammer	9.500	120	5.3	1.6	PT 1/4"	10
RR-15P	RRA	1/2"	14	1-Hammer	6.900	330	6.6	2.4	PT 1/4"	10
V-160P	YOKOTA	1/2"	16	1-Hammer	6.500	460	7.5	2.8	PT 1/4"	10
MI-1600R	TOKU	1/2"	16	Closed hammer	7.000	420	8.3	2.6	PT 1/4"	10
MI-1600	TOKU	1/2"	16	Closed hammer	7.000	420	8.3	2.6	PT 1/4"	10
MI-1600LR	TOKU	1/2"	16	Closed hammer	7.000	400	8.3	2.7	PT 1/4"	10
MI-1600L	TOKU	1/2"	16	Closed hammer	7.000	400	8.3	2.7	PT 1/4"	10
MI-160H	TOKU	1/2"	16	Dynapact	7.000	580	8.3	2.3	PT 1/4"	10
MI-2000PR	TOKU	3/4"	20	Closed hammer	5.000	775	9.6	4.5	PT 3/8"	10
MI-2000PLR	TOKU	3/4"	20	Closed hammer	5.000	725	9.6	4.9	PT 3/8"	10
RRI-1045*	RRI	3/4"	20	Twin-hamer	5.000	1.495	20.0	5.4	PT 3/8"	13
RR-20PN	RRA	3/4"	20	1-Hammer	4.800	720	9.2	4.6	PT 1/4"	10
MI-2500PR**	TOKU	1"	24	Closed hammer	5.500	1.150	11.7	8.3	PT 3/8"	10
MI-2500PLR**	TOKU	1"	24	Closed hammer	5.500	1.100	11.7	9.1	PT 3/8"	10
MI-3800PR	TOKU	1"	36	Closed hammer	4.500	2.100	15.0	9.3	PT 1/2"	13
MI-3800PLR	TOKU	1"	36	Closed hammer	4.500	2.000	15.0	9.9	PT 1/2"	13

* also available with 1" square drive / ** also available with 3/4" square drive

Ring type
Hole type
Ring and hole type

MI-1300R/MI-1600R/MI-1600LR
MI-1300/MI-1600/MI-1600L
all other **Toku** models

L = long anvil



Impact wrenches

Straight models



Type	Brand	Square drive	Bolt capacity mm	Impact mechanism	Rotations p/min	Torque Nm	Air consumption l/sec	Weight kg	Inlet thread	Hose diameter mm
MI-2000ESR	TOKU	3/4"	20	Closed hammer	5.000	775	9.6	5.4	PT 3/8"	10
MI-2000ELR	TOKU	3/4"	20	Closed hammer	5.000	725	9.6	5.8	PT 3/8"	10
MI-2500ESR**	TOKU	1"	24	Closed hammer	5.500	1.150	11.7	8.3	PT 3/8"	10
MI-2500ELR**	TOKU	1"	24	Closed hammer	5.500	1.100	11.7	9.1	PT 3/8"	10
RRI-1051	RRI	1"	36	3-Jaw	4.500	3.300	24.0	9.6	PT 1/2"	19
RRI-1055	RRI	1"	36	Twin-hammer	5.000	2.700	25.0	10.0	PT 1/2"	19
MI-3800ESR	TOKU	1"	36	Closed hammer	4.500	2.100	15.0	9.3	PT 1/2"	13
MI-3800ELR	TOKU	1"	36	Closed hammer	4.500	2.000	15.0	9.9	PT 1/2"	13
MI-4500ESR	TOKU	1"	45	Closed hammer	3.700	2.900	23.0	13.4	PT 1/2"	13
MI-4500ELR	TOKU	1"	45	Closed hammer	3.700	2.900	23.0	14.5	PT 1/2"	13
RRI-1065	RRI	1 1/2"	45	Twin-hammer	3.750	4.080	40.0	14.8	PT 1/2"	19
RRI-1060	RRI	1 1/2"	52	3-Jaw	3.000	4.500	27.0	16.0	PT 1/2"	19

** Also available with 3/4" square drive

Angle model

YW-6CL	YOKOTA	3/8"	6	1-Hammer	6.500	145	4.2	1.6	PT 1/4"	10
--------	--------	------	---	----------	-------	-----	-----	-----	---------	----

All impact wrenches have a 4-step button control, with exception of type RR-20PN (stepless) and YW-6CL (stepless on request).

The air consumption of the impact wrenches has been measured under working conditions.

Impact wrenches

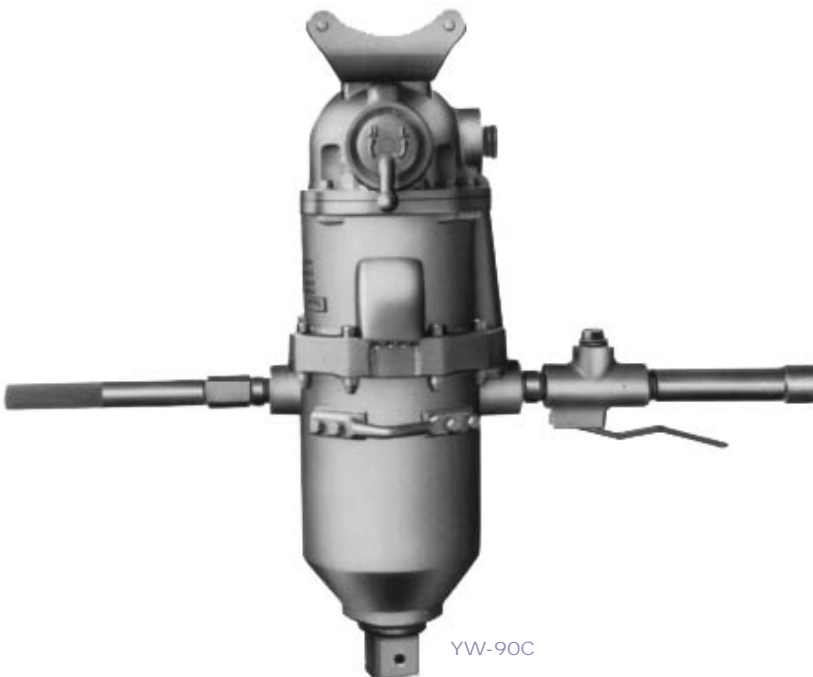
“Heavy Duty” models



YW-50C

Type	Brand	Square drive	Bolt capacity mm	Impact mechanism	Rotations p/min	Torque Nm	Air consumption l/sec	Weight kg	Inlet thread	Hose diameter mm
YW-50C	YOKOTA	1 1/2"	52	2-Hammer	3.000	4.500	30.0	27.0	PT 1"	19
YW-65C	YOKOTA	1 1/2"	64	2-Hammer	2.100	6.600	30.0	45.0	PT 1"	19
YW-90C*	YOKOTA	1 3/4"	90	2-Hammer	1.700	16.500	41.0	62.0	PT 1"	19
YW-120C	YOKOTA	2 1/2"	130	2-Hammer	1.800	33.000	68.0	115.0	PT 1"	19

* = 1 1/2" square drive on request / The air consumption of the impact wrenches has been measured under working conditions.

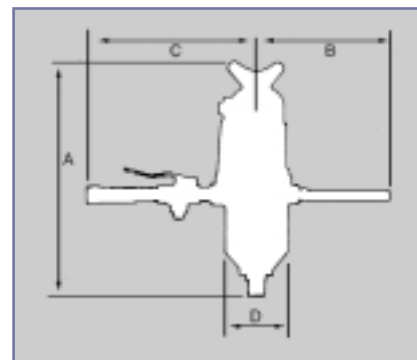
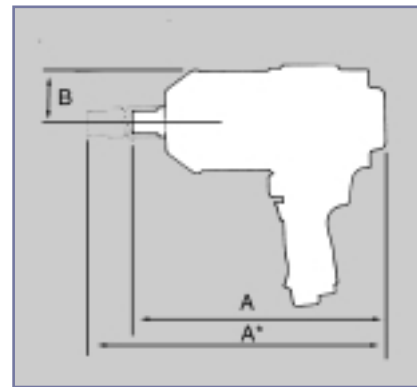
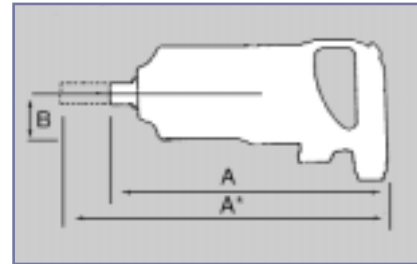
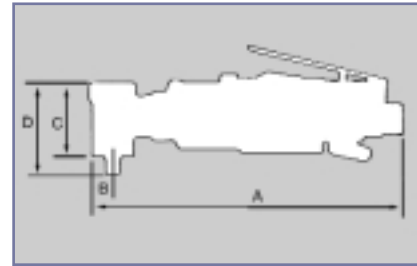


YW-90C

Impact wrenches

Dimensions

Type	A	A*	B	C	D
MI-1300(R)	157	-	27	-	-
MI-1600 (R)	180	-	33	-	-
MI-1600 L(R)	-	224	33	-	-
MI-2000 PR	225	-	42	-	-
MI-2000 PLR	-	345	42	-	-
MI-2000 ESR	309	-	42	-	-
MI-2000 ELR	-	429	42	-	-
MI-2500 PR	265	-	50	-	-
MI-2500 PLR	-	383,5	50	-	-
MI-2500 ESR	341	-	50	-	-
MI-2500 ELR	-	459,5	50	-	-
MI-3800 PR	281	-	55	-	-
MI-3800 PLR	-	430	55	-	-
MI-3800 ESR	355	-	55	-	-
MI-3800 ELR	-	504	55	-	-
MI-4500 ESR	460	-	60	-	-
MI-4500 ELR	-	584	60	-	-
MI-160H	180	-	25	-	-
RR-15P	180	-	30	-	-
RR-20PN	239	-	38	-	-
RRI-1045	215	-	45	-	-
RRI-1051	320	-	55	-	-
RRI-1055	365	-	65	-	-
RRI-1060	400	-	78	-	-
RRI-1065	420	-	65	-	-
V-160P	182	-	34	-	-
YW-6CL	215	-	14	50	63
YW-50C	535	-	355	448	160
YW-65C	606	-	344	434	162
YW-90C	674	-	358	448	186
YW-120C	827	-	527	461	226



Impact sockets

Choose the right size impact socket for your impact wrench. If the sockets do not fit exactly this may cause a loss of power and wear of the anvil. For detailed information about the impact sockets we refer to the special chapter Action impact sockets. Extension bars, universal joints and adaptors are also available.