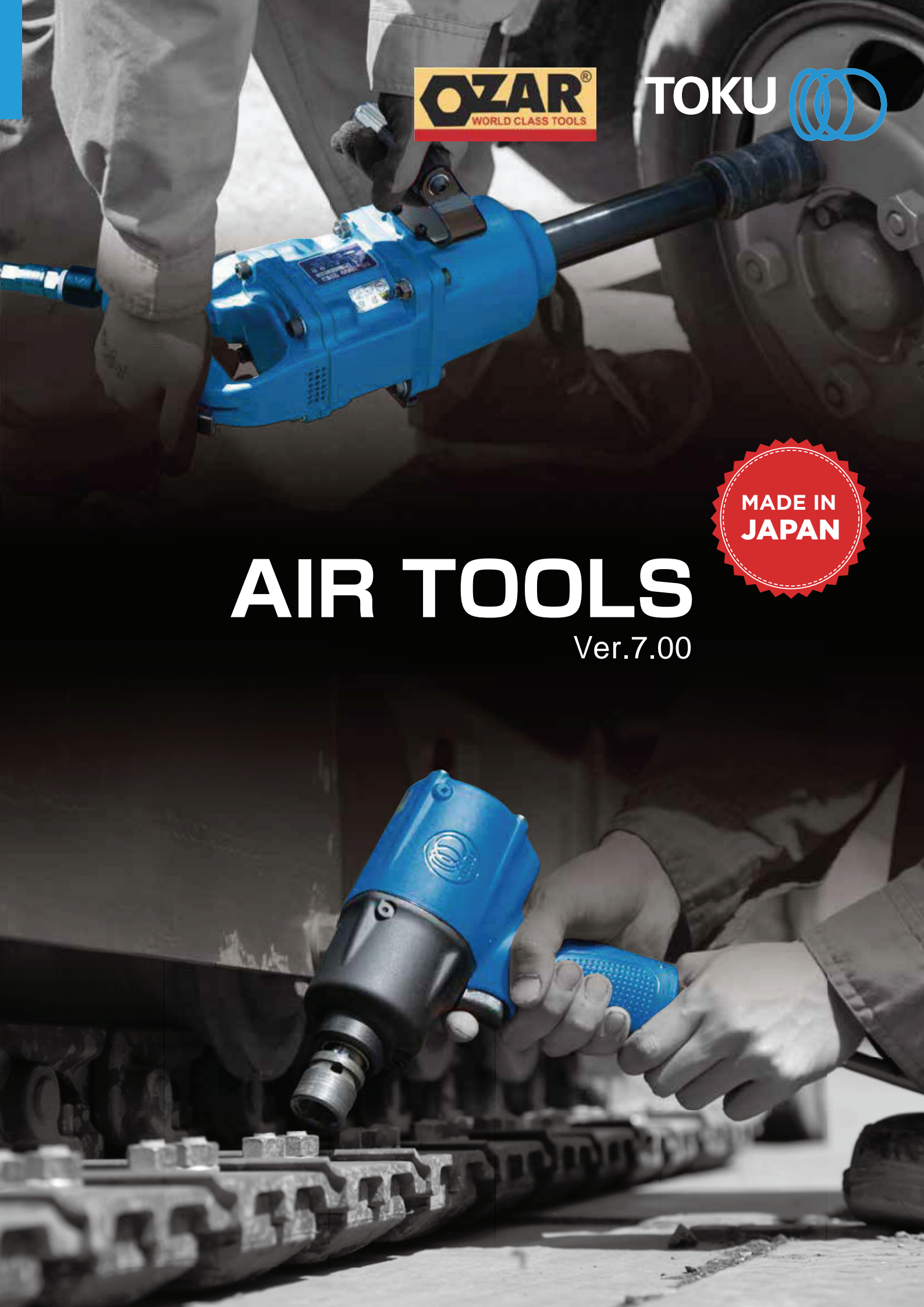




AIR TOOLS

Ver.7.00



AIR TOOLS

AUTOMOTIVE & GENERAL INDUSTRY

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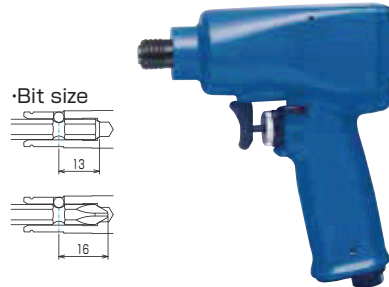
Air Tools

Impact Drivers / Drivers Ratchet Wrenches



- 2 hammer (Pin-less) clutch
- 2 steps throttle for precise control
- 360 free rotating handle exhaust
- Well balanced Ergonomic design
- One handed easy reverse switch
- Ideal for wood work and assembly work
- 3/8 SQ. drive model available (MID-8P(R) 3/8SQ)

MID-8P 1/4"Hex



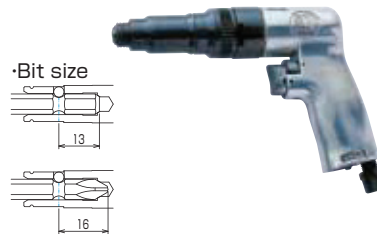
- Twin hammer clutch
- Tease throttle for precise control
- Handle Exhaust directs air away from an operator
- Well balanced Ergonomic design
- 4 Positions regulator
- Elastomer handle grip
- 3/8 SQ. drive model available (MI-12P 3/8SQ)
- Ideal for wood work and assembly work

MI-12D 1/4"Hex



- Ideal for appliance, electronics and other light assembly industries

MV-6216 1/4"Hex



- Ideal for furniture, wood working, motor vehicle and other assembly operations

MV-6226 1/4"Hex



- Easy grip handle Quick run down capacity
- Ideal for usage on pumps, radiators, small engines exhaust systems etc.

MR-2310B 3/8"SQ

MR-2410B 1/2"SQ

Impact Drivers Specifications: Air pressure 6kg/cm²

MODEL	Drive (in)	Bolt Size (mm)	Net Weight (kg)	Overall Length (mm)	Center Height (mm)	Free Speed (rpm)	Air Cons		Air Inlet (PT)	Hose Size (in)
							Free (m ³ /min)	Load (m ³ /min)		
MID-8P	H 1/4	8	1.0	154	22.5	10500	0.55	0.4	1/4	1/4
MI-12D	H 1/4	12	1.2	154	25.3	9500	0.50	0.4	1/4	1/4

Drivers and Ratchet Wrenches Specifications: Air pressure 6kg/cm²

MODEL	Drive (in)	Bolt Size (mm)	Torque Range (kg·m)	Net Weight (kg)	Overall Length (mm)	Free Speed (rpm)	Air Cons (m ³ /min)	Air Inlet (PT)	Hose Size (in)
MV-6216	H1/4	6	0.4-0.9	1.2	250	1800	0.42	1/4	1/4
MV-6226	H1/4	6	0.5-1.2	1.3	205	1800	0.6	1/4	1/4
MR-2209C	3/8	8	0.6-2.8	0.53	165	250	0.35	1/4	1/4
MR-2310B	3/8	10	1.4-7.0	1.13	254	180	0.45	1/4	1/4
MR-2410B	1/2	10	1.4-7.0	1.13	254	180	0.45	1/4	1/4



Impact Wrenches

3/8"~3/4"



Twin Hammer

- Compact and light Weight
- One handed easy reverse switch 1/2"SQ.drive model available
- Ideal for general repair and assembly work in the 3/8" range
- Tease throttle for precise control
- Handle Exhaust directs air away from the operator
- Well balanced Ergonomic design
- 4 positions regulator

MI-12P 3/8"SQ 1/2"SQ also available

One Hammer

- Forward & reverse rotation is available with one hand
- Compact & light
- 360° air inlet swivel



MI-1310S 3/8"SQ

One Hammer

- Front Exhaust
- 4 Positions regulator
- Ideal for general repair in the 3/8" range



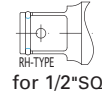
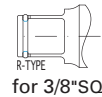
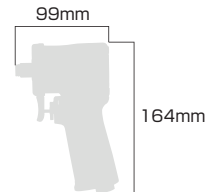
MI-1311B 3/8"SQ



MI-14S 3/8"SQ 1/2"SQ also available

Twin Hammer

- Extra compact body
- One handed smooth reverse control available
- Composite grip for easy handling
- Optimum for assembly and general repair work
- 1/2" SQ drive model available



MI-16M 3/8"SQ 1/2"SQ also available

Twin Hammer

- Elastomer handle grip
- Ideal for car repair and assembly work



Impact Wrench Specifications: Air pressure 6kg/cm²

MODEL	Drive (in)	Bolt Size (mm)	Torque Range (kg·m)	Max Torque (kg·m)	Net Weight (kg)	Overall Length (mm)	Center Height (mm)	Free Speed (rpm)	Air Cons		Air Inlet (PT)	Hose Size (in)
									Free (m ³ /min)	Load (m ³ /min)		
MI-1310S	3/8	10	1-9	12	0.91	177	30	12500	0.4	0.3	1/4	3/8
MI-1311B	3/8	10	3-7	10	1.3	150	24	7000	0.45	0.35	1/4	1/4
MI-12P	3/8	12	5-11	12	1.2	150	25.3	9500	0.5	0.4	1/4	3/8
MI-14S	3/8	16	15-31	R34 L39	1.15	99	28.8	11700	0.62	0.36	1/4	3/8
MI-16M	3/8	13	5-15	23	1.5	170	27.5	7200	0.62	0.4	1/4	3/8
MI-16M	1/2	16	15-25	33	1.5	170	27.5	7200	0.62	0.4	1/4	3/8

NEW

Composite Impact Wrench



Forward : 3 steps
Set1: Hand tight torque
Reverse : 2 steps
Different power settings



MI-17C 1/2"SQ

[Features]

- Twin Hammer
- Only 1.8 kgs
- Oil Bath
- Most powerful 1/2" Impact Wrench in TOKU
- Long Anvil (+50.8) available (MI-17CL)



Twin Hammer

- Ultimate power in reverse
- Ideal for car repair and tire shops
- Long Anvil (+50.8) available (MI-17M)
- Ergonomic handle
- Closed trigger
- Oil bath



MI-17M 1/2"SQ



Twin Hammer

- 360 free rotating exhaust
- One handed easy reverse switch
- Ideal for assembly and maintenance of trucks
- Anvil type: RH type available
- Long Anvil (+120) available (MI-20PL)



MI-20P 3/4"SQ



One Hammer

- Anvil type: RH type available
- 3/4"SQ,drive model available
- Ideal for assembly and maintenance of trucks
- Well balanced Ergonomic design
- 2 Steps throttle for precise control
- 4 positions regulator
- 360 free rotating exhaust
- Elastomer side handle grip



MI-2500P 3/4"SQ GS,GL type also available

Impact Wrench Specifications: Air pressure 6kg/cm²

MODEL	Drive (in)	Bolt Size (mm)	Torque Range (kg·m)	Max Torque (kg·m)	Net Weight (kg)	Overall Length (mm)	Center Height (mm)	Free Speed (rpm)	Air Cons		Air Inlet (PT)	Hose Size (in)
									Free (m ³ /min)	Load (m ³ /min)		
MI-17M	1/2	16	25-45	R55 L60	2.5	179	33	5500	0.6	0.5	1/4	3/8
MI-17C	1/2	16	26-56	R65 L70	1.8	181	34.5	R8500 L8800	0.99	0.99	1/4	3/8
MI-20P	3/4	20	40-80	100	3.9	309	42	5500	1.1	0.7	3/8	3/8
MI-20PL	3/4	20	390-780	980	3.9	220	41.7	5000	1.1	0.7	3/8	3/8
MI-20S	3/4	20	360-720	900	3.3	164	40.7	4500	0.91	-	3/8	3/8
MI-2500P	3/4	25	50-110	130	8.2	265	50	5300	1.2	0.7	3/8	1/2



Impact Wrenches

1"~1-1/2"



One Hammer

- Anvil type: RH type available
- Ideal for maintenance of trucks and construction equipments
- Well balanced Ergonomic design
- 2 Steps throttle for precise control
- 4 positions regulator
- 360 free rotating exhaust
- Elastomer side handle grip

MI-3800P 1"SQ



Inside trigger



One Hammer

- Short anvil shank type MI3800GS available
- Ideal for maintenance of trucks and truck tires
- 2 Steps throttle for precise control
- Elastomer side handle grip
- 4 Positions regulator

MI-3800GL 1"SQ

Impact Wrench Specifications: Air pressure 6kg/cm²

MODEL	Drive (in)	Bolt Size (mm)	Torque Range (kg·m)	Max Torque (kg·m)	Net Weight (kg)	Overall Length (mm)	Center Height (mm)	Free Speed (rpm)	Air Cons		Air Inlet (PT)	Hose Size (in)
									Free (m ³ /min)	Load (m ³ /min)		
MI-3800P	1	38	50-150	200	9.5	276	55	4700	1.6	1.0	1/2	1/2
MI-3800GL(EL)	1	38	50-150	200	10.2	504	55	4700	1.6	1.0	1/2	1/2



MI-5000GL 1"SQ



Inside trigger

One Hammer

- Short anvil shank type MI-5000GS available
- Ideal for truck tires and heavy equipments

One Hammer

- Anvil type: RH type available
- Ideal for maintenance of trucks and construction equipments

Pin Hammer

- Pin clutch mechanism
- Powerful for extra heavy duty work



MI-5000P 1"SQ



MI-5500 1-1/2"SQ



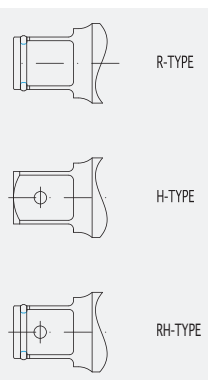
Inside trigger

Impact Wrench Specifications: Air pressure 6kg/cm²

MODEL	Drive (in)	Bolt Size (mm)	Torque Range (kg·m)	Max Torque (kg·m)	Net Weight (kg)	Overall Length (mm)	Center Height (mm)	Free Speed (rpm)	Air Cons		Air Inlet (PT)	Hose Size (in)
									Free (m ³ /min)	Load (m ³ /min)		
MI-5000P	1	50	50-220	270	13.9	310	60	3700	1.9	1.0	1/2	1/2
MI-5000GL(EL)	1	50	50-220	270	16.0	594	60	3700	1.9	1.0	1/2	1/2
MI-5500	1-1/2	55	150-428	560	18.1	520	60	2800	1.25	0.9	1/2	1/2

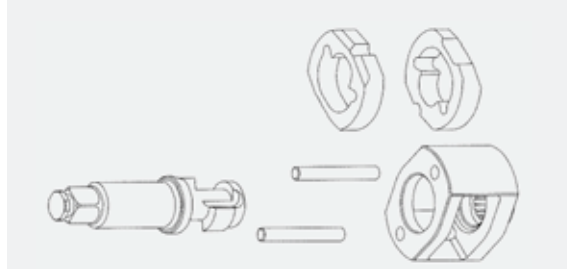
Toku One hammer clutch Features

Simplified structure for high durability and easy maintenance
 Precised machined clutch provides excellent performance and less vibration.



Toku Twin hammer clutch Features

Toku twin hammer provides maximum performance, balanced impacts and power output
 Less wasted energy and simplified maintenance
 Cold forged hammer for high durability





Grinders

Angle Grinders with governor control

• Ideal for removing burs on the material and smoothing welds



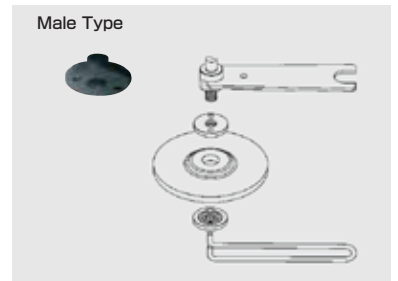
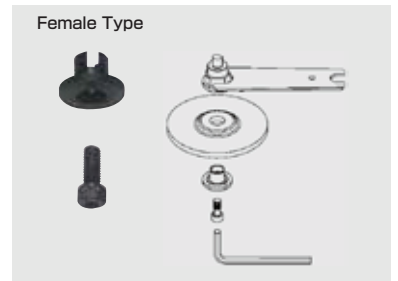
TAG-40FLH



TAG-40FRH



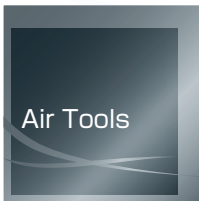
2 Spindle Types Available



TAG-40/50MR

Angle Grinders Specifications: Air pressure 6kg/cm²

MODEL	Wheel Size (mm)	Wheel Max Speed (m/min)	Free Speed (rpm)	Net Weight (kg)	Overall Length (mm)	Maximum Air Cons (m ³ /min)	Air Inlet (PT)	Hose Size (in)	Horse Power
TAG-40MR	100×6×16	4300	13000	1.4	195	1.00	1/4	3/8	0.9
TAG-40FRH	100×6×16	4300	13000	1.8	217.5	1.00	1/4	3/8	0.9
TAG-40FLH	100×6×16	4300	13000	1.6	213.5	1.00	1/4	3/8	0.9
TAG-50MR	125×6×22	4300	10300	1.4	195	1.00	1/4	3/8	0.9
TAG-50MLH	125×6×22	4300	10300	1.4	195	1.00	1/4	3/8	0.9



Grinders

Angle Grinders/Straight Grinders with governor control

- Turn throttle type : 2"/4"/5"/7" model available
- Lever throttle type : 2"/4"/7"/9" model available
- Safety lock off throttle • 360 free rotating exhaust for 7"&9"

• Ideal for heavy duty work such as smoothing welds and cutting material



TAG-700 Turn throttle type

TAG-700QJL/900QJL Lever throttle type

• Ideal for various types of finishing tasks



TSG-6L Lever throttle type Safety Lock-off throttle

TSG-3F/5S/6S Turn throttle type

Angle Grinders / Straight Grinders Specifications: Air pressure 6kg/cm²

MODEL	Wheel Size (mm)	Wheel Max Speed (m/min)	Free Speed (rpm)	Net Weight (kg)	Overall Length (mm)	Air Cons (m ³ /min)	Air Inlet (PT)	Hose Size (in)	Horse Power
TAG-700	180x8x22	4300	7500	3.1	274	0.8-1.0	3/8	1/2	1.3
TAG-700QJL	180x8x22	4800	8400	3.1	304	1.0-1.3	3/8	1/2	1.3
TAG-900QJL	230x8x22	4800	6500	3.4	304	0.7-1.0	3/8	1/2	1.3
TSG-3F	75x13x9.5	3000	12700	1.6	305	0.8	1/4	3/8	0.7
TSG-5S	125x19x12.7	3000	7600	3	400	1.1	3/8	1/2	1.4
TSG-6S	150x25x15.9	3000	6300	4.2	430	1.2	3/8	1/2	2.1
TSG-6L	150x25x15.9	3000	6000	4.2	430	1.2	3/8	1/2	2.1



Grinders

6mm Grinders

TG-38Z



- Turn throttle
- Front exhaust
- 1/4" Collet chuck (Option)

TSG-3C 6mm Straight Grinders



- Compatible with 3" grindstone type using optional parts (refer to TSG-3F)

MG-7206B



- Rear exhaust
- 1/4" Collet chuck (Option)

MG-20



- Front exhaust
- 1/4" Collet chuck (Option)

MG-7236B 6mm Angle



- Compact, light and handy
- 90° angle head allows flexibility in tight spots
- 1/4" Collet chuck (Option)

MG-7204B 6mm Mini



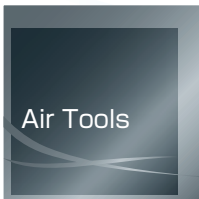
- Compact, light and handy
- Front exhaust
- 1/4" Collet chuck (Option)

6mm Grinders Specifications: Air pressure 6kg/cm²

MODEL	Collet Size (mm)	Net Weight (kg)	Overall Length (mm)	Free Speed (rpm)	Air Cons. Free (m ³ /min)	Air Inlet (PT)	Hose Size (in)
TG-38Z	6	0.7	178	23,000	0.45	1/4	3/8
MG-7206B	6	0.6	146	22,000	0.5	1/4	3/8
MG-20	6	0.6	139	22,000	0.6	1/4	3/8
MG-7236B	6	0.4	123	18,000	0.38	1/4	3/8
MG-7204B	6	0.4	120	25,000	0.38	1/4	3/8

6mm Straight Grinders Specifications: Air pressure 6kg/cm²

MODEL	Collet Size (mm)	Net Weight (kg)	Overall Length (mm)	Free Speed (rpm)	Air Cons. Free (m ³ /min)	Air Inlet (PT)	Hose Size (in)	Horse Power
TSG-3C	6	1.6	340	12700	0.8	1/4	3/8	0.7



Drills

- Reliable general purpose drill
- Handle exhaust



MD-3310B 3/8"



MD-3311B 3/8"
Reversible

- Triple planetary gear system provides smooth operation
- Grip reverse valve enables one handed directional changes
- 1/2 HP air motor provides max power
- Handle exhaust



MD-3413B 1/2"
Reversible

- Side support handle for good control
- Grip reverse valve enables one handed directional changes
- 1/2 HP air motor with a double reduction gear system produces reliable power
- Ideal for drilling, screw driving, reaming, cylinder honing

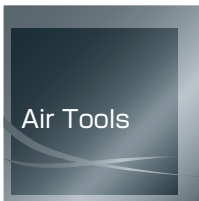


MD-3312B 3/8"
Angle Reversible

- Compact and light design
- Tease throttle for precise control
- Ideal for tapping work
- Rear exhaust

Drills Specifications: Air pressure 6kg/cm²

MODEL	Chuck Size (in)	Spindle Size (in)	Net Weight (kg)	Overall Length (mm)	Free Speed (rpm)	Air Cons. Free (m ³ /min)	Air Inlet (PT)	Hose Size (in)
MD-3310B	3/8	3/8x24UNF	1.0	165	2400	0.47	1/4	1/4
MD-3311B	3/8	3/8x24UNF	1.1	200	2000	0.58	1/4	1/4
MD-3312B	3/8	3/8x24UNF	1.2	208	1200	0.36	1/4	1/4
MD-3413B	1/2	3/8x24UNF	1.6	220	500	0.47	1/4	1/4



Scaling Hammers/ Needle Scalers

- Hardened pistons and cylinders for longer life
- Simple structure for easy maintenance



TS-2

- Compact and handy needle scalers
- Precision heat-treated needles for maximum performance



N-200

Scaling Hammers Specifications: Air pressure 6kg/cm²

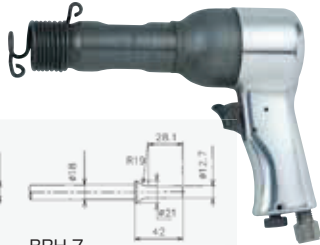
MODEL	Piston Dia (mm)	Piston Stroke (mm)	Net Weight (kg)	Blow per Min (bpm)	Overall Length (mm)	Air Cons. Free (m ³ /min)	Air Inlet (PT)	Hose Size (in)
TS-2	30	30	2.2	8000	500	0.3	3/8	1/2

Needle Scalers Specifications: Air pressure 6kg/cm²

MODEL	Piston Dia (mm)	Blow per Min (bpm)	Needle Dia Length, Number (mm)×(mm)×Piece	Piston Stroke (mm)	Net Weight (kg)	Overall Length (mm)	Air Cons. Free (m ³ /min)	Air Inlet (PT)	Hose Size (in)
N-200	20	12000	3×125×12	12	1.12	225	0.25	1/4	1/4

Air Tools

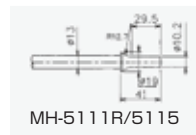
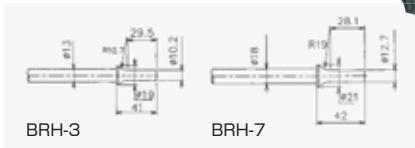
Hammers/ Flux Chippers



- Compact, light handy and durable
- Spool valve for precise speed control
- Built-in air regulator controls power output



- Heavy duty air hammer for general use
- Simple structure and durable
- Ideal for muffler and pipe removal, body shop work



BRH-3/7

MH-5111R



TFC-200



TFC-200F

- Compact and lightweight body contributes to easy handling of tools.
- Ideal for light duty chipping job and surface finish work in jobs like removing slag, burrs, rust, and old paint.

Hammers Specifications: Air pressure 6kg/cm²

MODEL	Piston Dia (mm)	Chisel Shank Bore Size (mm)	Blow per Min (bpm)	Piston Stroke (mm)	Net Weight (kg)	Overall Length (mm)	Air Cons. Free (m ³ /min)	Air Inlet (PT)	Hose Size (in)
BRH-3	14.3	10	1800	76	1.4	200	0.32	1/4	1/4
BRH-7	19	12	1500	90	2.1	220	0.35	1/4	1/4
MH-5111R	19	10	3500	66	1.6	200	0.2	1/4	1/4

Flux Chippers Specifications: Air pressure 6kg/cm²

MODEL	Piston Dia (mm)	Blow per Min (bpm)	Piston Stroke (mm)	Net Weight (kg)	Overall Length (mm)	Air Cons. Free (m ³ /min)	Air Inlet (PT)	Hose Size (in)
TFC-200	20	12000	12	0.89	182	0.25	1/4	1/4
TFC-200F	20	12000	12	1.06	187	0.25	1/4	1/4

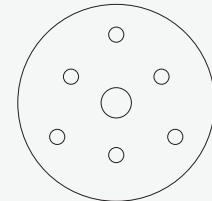


Sanders

- 5mm orbit for high quality finishing
- Compact and light weight providing best power to weight ratio in this class



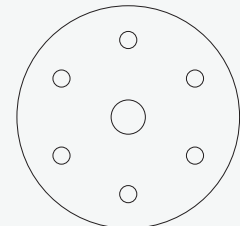
**MS-430
N-5/N-6**



5"pad type



MS-430 G-6

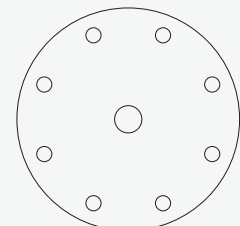


6"pad 6 holes type



- Easy handle, compact and lightweight
- Built-in power regulator
- Ideal for light sanding

MS-4125B



6"pad 8 holes type

Sanders Specifications: Air pressure 6kg/cm²

MODEL	Paper Size or Disk Size (mm)	Pad Type	Free Speed (rpm)	Orbit Size (mm)	Net Weight (kg)	Air Cons. Free (m ³ /min)	Air Inlet (PT)	Hose Size (in)
MS-430N-5	125	VELCRO	10000	5	0.9	0.38	1/4	3/8
MS-430N-6	150	VELCRO	10000	5	0.9	0.38	1/4	3/8
MS-430G-6	150	VELCRO	8500	5	0.93	0.38	1/4	3/8
MS-4125B	75·115	—	14000	—	1	0.38	1/4	3/8

About TOKU Hoists

Main features of TOKU pneumatic hoists

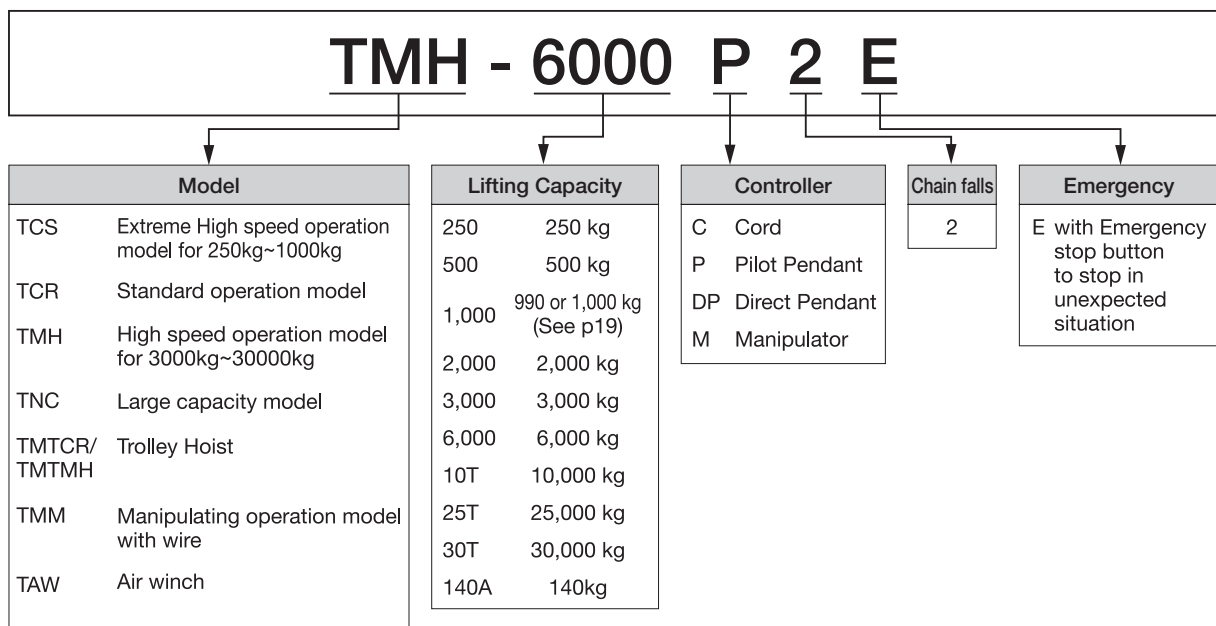
- High quality vane motor and planetary gear with long life grease
- Overload protection
- High strength cast steel housing for durability
- Failsafe automatic disc brake
- Emergency stop
- Mechanical end stop system
- Choice of cord or pendant control
- Various speed control
- Safe from hazard of electric explosion

Applications in various industries

- Offshore oil industry
- Assembly line
- Power plant
- Refinery
- Mechanical engineering
- Shipyard
- Foundry
- Mining
- Chemical industry
- Food industry



Model Classifying



TCS Series

250-990 kg Capacity

Extreme High Speed Hoist



TCS-500PE

Main Features

- Extreme high speed
- Classification(ISO): M4
- Precise variable speed control
- ATEX specification:
 - II3 GD IIA T4 (Standard)
 - II2 GD IIB T4 (Option)
- Lubrication free vane(Option)
- Compact design
- Light weight aluminium housing
- Failsafe automatic internal disc brake
- Overtraveling limiter
- Alloy safety swivel hooks with safety catch



Cord



Pendant with
Emergency Stop Button



Chain Basket

Specifications

Model	Lifting Capacity	No. of Chain Falls	Lifting		Lowering		Weight W/O Chain	Min Hook Distance	Chain Dimension	Hose Size
			Speed	Air Cons	Speed	Air Cons				
TCS-250C	250 kg	1	34.0 m/min	1.7 m ³ /min	63.0 m/min	2.0 m ³ /min	17 kg	414 mm	6.3 X 19 mm	12.7 mm
TCS-250PE	250 kg	1	34.0 m/min	1.7 m ³ /min	63.0 m/min	2.0 m ³ /min	18 kg	414 mm	6.3 X 19 mm	12.7 mm
TCS-500C	490 kg	1	17.0 m/min	1.7 m ³ /min	34.0 m/min	2.0 m ³ /min	17 kg	414 mm	6.3 X 19 mm	12.7 mm
TCS-500PE	490 kg	1	17.0 m/min	1.7 m ³ /min	34.0 m/min	2.0 m ³ /min	18 kg	414 mm	6.3 X 19 mm	12.7 mm
TCS-1000C2	990 kg	2	8.5 m/min	1.7 m ³ /min	17.0 m/min	2.0 m ³ /min	20 kg	456 mm	6.3 X 19 mm	12.7 mm
TCS-1000P2E	990 kg	2	8.5 m/min	1.7 m ³ /min	17.0 m/min	2.0 m ³ /min	21 kg	456 mm	6.3 X 19 mm	12.7 mm

Operating air pressure is 0.6 MPa.

Manipulator Series

140kg and 250kg Capacity

Flexible Material Handling



TMM-140AE



TCR-250ME

Main Features

TMM-140AE / TCR-250ME

- Handle mounted pendant for one handed operation
- Precise variable speed control
- Left-handed operation by changing handle direction
- Failsafe automatic internal disc brake
- Durable cast iron housing (TMM-140AE) / Light weight aluminium housing (TCR-250ME)
- Alloy safety swivel hooks with safety catch

Specifications

Model	Lifting Capacity	No. of Chain Falls	Lifting		Lowering		Weight W/O Chain	Wire Diameter/ Chain Dimension	Hose Size
			Speed	Air Cons	Speed	Air Cons			
TMM-140ME	140 kg	1	11.0 m/min	0.63 m ³ /min	18.0 m/min	0.65 m ³ /min	10 kg	4 mm	9.5 mm
TCR-250ME	250 kg	1	8.0 m/min	0.7 m ³ /min	16.5 m/min	0.8 m ³ /min	10 kg	4 X 12 mm	9.5 mm

TMM-140ME is wire lifting machine. The number on specifications is wire diameter. Operating air pressure is from 0.4 to 0.6 MPa.



PICK HAMMER

- Light weight and easy to handle.
- Automatic push-start mechanism.
- Less components for easy maintenance.
- Forged body for long life.



TCB BREAKER

- Simple structure for less maintenance.
- Long stroke cylinder provides maximum impact energy.
- Replaceable round bushing.
- Reinforced cup retainer.



TCA-7



TCB-130B



TCB-200



TCB-300

MODEL NO.	PISTON DIAMETER mm	PISTON STROKE mm	BLOW PER MIN. b.p.m.	NET WEIGHT kg lb		OVERALL LENGTH mm	AIR CONSUMPTION m ³ /min c.f.m.		HOSE SIZE mm	SHANK SIZE ROUND OR HEX	AIR INLET SIZE PT
TCA-7	35	120	1,250	7.2	16	465	1	35.3	19	R26×80	3/4
TCB-130B	35	130	1,400	15	33	490	1.05	37.1	19	R26×80	1
TCB-200	40	166	1,050	20.9	46	556	1.5	53	19	R30×87	1
TCB-300	45	180	950	30	66	606	1.6	56.5	19	R35×87	1



AA CHIPPING HAMMER

- Precision valve allows excellent control during operation.
- Replaceable bushing
- 2 types of bushing ,round or hex, are available.
- Anti-vibration handle is available.



AA-0B



AA-1.3B



AA-3B



TYC-6B

MODEL NO.	PISTON DIAMETER mm	PISTON STROKE mm	BLOW PER MIN. b.p.m.	NET WEIGHT kg lb		OVERALL LENGTH mm	AIR CONSUMPTION m ³ /min c.f.m.		HOSE SIZE mm	SHANK SIZE ROUND OR HEX	AIR INLET SIZE PT
AA-0B	20	50	3,600	2	4.4	254	0.35	12.4	12.7	R15/12H×53	3/8
AA-1.3B	24	58	2,800	4.5	9.9	320	0.45	15.9	12.7	R18/15H×60	3/8
AA-3B	28	79	2,400	5.8	13.9	330	0.45	15.9	12.7	R18/15H×60	3/8
TYC-6B	28.54	75	1,800	6.7	14.8	430	0.8	28.2	12.7	R18/15H×60	3/8

OPERATING INSTRUCTIONS WHEN USING GENERAL AIR TOOLS

1. ALWAYS USE APPROVED EYE PROTECTION WHEN OPERATING TOOL.
2. NEVER WEAR LOOSE GLOVES OR CLOTHES WHEN OPERATING TOOL.
3. ALWAYS CHECK IF THE TOOL IS GOING TO BE USED WITH ACCESSORIES IN CORRECT SIZE AND IN GOOD CONDITION BEFORE ACTUAL OPERATION. (IMPACT SOCKETS, COUPLERS, DRILL BITS, BURS, CUTTER, DISCS, BRUSHES, NEEDLES, CHISELS, PISTONS AND OTHER ACCESSORIES FOR AIR TOOLS)
4. ALWAYS CHECK IF THE TOOL IS BEING LUBRICATED SUFFICIENTLY, BEFORE ACTUAL OPERATION. CHECK YOUR INSTRUCTION MANUAL ENCLOSED IN THE TOOL FOR CORRECT METHOD OF LUBRICATION. IN CASE IF THE OPERATION MANUAL WAS NOT ENCLOSED IN THE TOOL WHEN PURCHASED, STOP USING THE TOOL, CONTACT YOUR NEAREST DEALER AND ASK FOR THEIR INSTRUCTION.
5. ALWAYS USE THE CORRECT AIR PRESSURE AMOUNT INSTRUCTED IN THE OPERATION MANUAL ENCLOSED IN THE TOOL, IN CASE IF THE OPERATION MANUAL WAS NOT ENCLOSED IN THE TOOL WHEN PURCHASED, STOP USING THE TOOL, CONTACT YOUR NEAREST DEALER AND ASK FOR THEIR INSTRUCTION.
6. ALWAYS DIRECT EXHAUST AWAY FROM YOURSELF AND OTHERS IN THE AREA.
7. ALWAYS DISCONNECT THE TOOL WHEN NOT IN USE.
8. IN CASE IF YOU FIND ANY MALFUNCTION OF THE TOOL, STOP USING THE TOOL AND CONTACT YOUR NEAREST DEALER.

Toku air tools torque calibration chart

MODEL	Torque	Working Torque Range	Max Torque	MODEL	Torque	Working Torque Range	Max Torque
MV-6216	(N·m)	3.9-8.8	—	MI-20P	(N·m)	392-784	980
	(kg·m)	0.4-0.9	—		(kg·m)	40-80	100
	(ft·lbs)	2.9-6.5	—		(ft·lbs)	289.3-578.6	723
MV-6226	(N·m)	4.9-11.7	—	MI-2500P	(N·m)	490-1078	1274
	(kg·m)	0.5-1.2	—		(kg·m)	50-110	130
	(ft·lbs)	3.6-8.7	—		(ft·lbs)	361.6-795.6	940
MR-2207C	(N·m)	5.8-27.4	—	MI-2500GS	(N·m)	490-1078	1274
	(kg·m)	0.6-2.8	—		(kg·m)	50-110	130
	(ft·lbs)	4.3-20.3	—		(ft·lbs)	361.6-795.6	940
MR-2209C	(N·m)	5.8-27.4	—	MI-2500GL	(N·m)	490-1078	1274
	(kg·m)	0.6-2.8	—		(kg·m)	50-110	130
	(ft·lbs)	4.3-20.3	—		(ft·lbs)	361.6-795.6	940
MR-2310B	(N·m)	13.7-68.6	—	MI-3800P	(N·m)	490-1470	1961
	(kg·m)	1.4-7.0	—		(kg·m)	50-150	200
	(ft·lbs)	10.1-50.6	—		(ft·lbs)	361.6-1084.9	1446
MR-2410B	(N·m)	13.7-68.6	—	MI-3800GS	(N·m)	490-1470	1961
	(kg·m)	1.4-7.0	—		(kg·m)	50-150	200
	(ft·lbs)	10.1-50.6	—		(ft·lbs)	361.6-1084.9	1446
MID-8P(R)	(N·m)	39-79	98	MI-3800GL	(N·m)	490-1470	1961
	(kg·m)	4-8	10		(kg·m)	50-150	200
	(ft·lbs)	29-58	72		(ft·lbs)	361.6-1084.9	1446
MI-12P	(N·m)	49-107	117	MI-38GS	(N·m)	490-1078	1765
	(kg·m)	5-11	12		(kg·m)	50-110	180
	(ft·lbs)	36.2-79.6	87		(ft·lbs)	361.6-795.6	1302
MI-16M(3/8)	(N·m)	49-147	225	MI-38GL	(N·m)	490-1078	1765
	(kg·m)	5-15	23		(kg·m)	50-110	180
	(ft·lbs)	36.2-108.5	166		(ft·lbs)	361.6-795.6	1302
MI-1311B	(N·m)	29-68	98	MI-42GS	(N·m)	490-1765	2549
	(kg·m)	3-7	10		(kg·m)	50-180	260
	(ft·lbs)	21.7-50.6	72		(ft·lbs)	361.6-1301.9	1880
MI-1310S	(N·m)	9-88	117	MI-5000P	(N·m)	490-2157	2647
	(kg·m)	1-9	12		(kg·m)	50-220	270
	(ft·lbs)	7.2-65.1	87		(ft·lbs)	361.6-1591.2	1953
MI-14S	(N·m)	150-300	R330 L380	MI-5000GS	(N·m)	490-2157	2647
	(kg·m)	15-31	R34 L39		(kg·m)	50-220	270
	(ft·lbs)	111-221	R243 L280		(ft·lbs)	361.6-1591.2	1953
MI-16M(1/2)	(N·m)	147-245	323	MI-5000GL	(N·m)	490-2157	2647
	(kg·m)	15-25	33		(kg·m)	50-220	270
	(ft·lbs)	108.5-180.8	239		(ft·lbs)	361.6-1591.2	1953
MI-17C	(N·m)	255-549	R637 L686	MI-5500	(N·m)	1470-4197	5491
	(kg·m)	26-56	R65 L70		(kg·m)	150-428	560
	(ft·lbs)	188.1-405.0	R470 L506		(ft·lbs)	1084.9-3095.7	4050
MI-17M	(N·m)	245-441	R539 L588				
	(kg·m)	25-45	R55 L60				
	(ft·lbs)	180.8-325.5	R398 L434				



Main Plant



Kamimine Plant



Kishima Plant



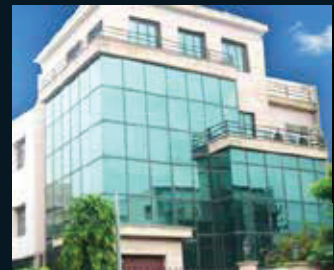
Hirokawa Plant



Kiyama Plant



Yamada Plant



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