



Air Regulator

(3 Different Speeds of Forward / Reverse)



Forward

Reverse



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Features:

- **Composite Motor Housing**
- **Twin Hammer Clutch Mechanism**
- Push Button One Hand Forward / Reverse
- Available Optional Exhaust Hose Assembly
- 360 Swivel Air Inlet
- Handle Exhaust
- **Lightweight**
- **Low Noise 83 dB(A)**

MATSM- 41 - 4031P

3/8" Impact Wrench



MATSM- 43 - 4032P

1/2" Impact Wrench



Air Regulator

(3 Different Speeds of Forward / Reverse)



One Hand - Forward / Reverse

MATSM- 43 - 4034P

1/2" Impact Wrench

- with 2" Ext.Anvil



Specifications:

Model No.	Free Speed (RPM)	Anvil Size Inch (mm)	Maximum Torque Ft-lbs (Nm) (Reverse)	Working Torque Range Ft-lbs (Nm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Average Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
MATSM-41-4031P	11,000	3/8 (10)	430 (583)	25~250 (34~338)	1/4"	3/8 (10)	4 (113)	6 (153)	2.6 (1.2)	83
MATSM-43-4032P	11,000	1/2 (13)	460 (624)	25~250 (34~338)	1/4"	3/8 (10)	4 (113)	6 (153)	2.6 (1.2)	83
MATSM-43-4034P	7,000	1/2 (13)	820 (1,112)	50~580 (68~786)	1/4"	3/8 (10)	4 (113)	9-1/4 (236)	4.4 (2.0)	83

* Recommended Air Pressure at 90 PSI (6.2 Bar)

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Features:

- **Composite Motor Housing**
- **Twin Hammer Clutch Mechanism**
- Push Button One Hand Forward / Reverse
- Available Optional Exhaust Hose Assembly
- 360 Swivel Air Inlet
- Handle Exhaust
- **Lightweight**
- **Low Noise 90 dB(A)**

MATSM- 45 - 4051P

3/4" Impact Wrench



MATSM- 47 - 4051P

1" Impact Wrench



Exhaust Hose Assembly EH-43-4033SUB

For 3/8" & 1/2" Impact Wrenches

EH-45-4051SUB

For 3/4" & 1" Impact Wrenches



MATSM- 45 - 4051PM

3/4" Impact Wrench

- with 6" Ext.Anvil

MATSM- 47 - 4051PM

1" Impact Wrench

- with 6" Ext.Anvil



Specifications:

Model No.	Free Speed (RPM)	Anvil Size Inch (mm)	Maximum Torque Ft-lbs (Nm)	Working Torque Range Ft-lbs (Nm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Average Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
MATSM-45-4051P	5,500	3/4 (19)	1,400 (1,898)	200~1,200 (271~1,627)	3/8"	1/2 (13)	7 (198)	8-1/2 (215)	7.5 (3.4)	90
MATSM-45-4051PM	5,500	3/4 (19)	1,400 (1,898)	200~1,200 (271~1,627)	3/8"	1/2 (13)	7 (198)	14-1/2 (368)	8.8 (4.0)	90
MATSM-47-4051P	5,500	1 (25.4)	1,400 (1,898)	200~1,200 (271~1,627)	3/8"	1/2 (13)	7 (198)	8-3/4 (223)	7.7 (3.5)	90
MATSM-47-4051PM	5,500	1 (25.4)	1,400 (1,898)	200~1,200 (271~1,627)	3/8"	1/2 (13)	7 (198)	14-1/2 (368)	9.7 (4.4)	90

* Recommended Air Pressure at 90 PSI (6.2 Bar)

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Features:

- **Composite Motor Housing**
- **Twin Hammer Clutch Mechanism**
- **Max.Torque : Tightening 90-130 Nm** (66-96 ft.lbs)
Reverse 407 Nm (300 ft.lbs) for SM-43-4012P
Reverse 813 Nm (600 ft.lbs) for SM-43-4033P
- Available Optional Exhaust Hose Assembly
- Handle Exhaust
- 360 Swivel Air Inlet
- Handle Exhaust
- **Lightweight 4 Lbs (1.9 Kg)**
- **Low Noise 84 dB(A)**



►Operation of 1/2" Impact Wrench with Torque Controlled

EH-43-4033SUB

Exhaust Hose Assembly (Optional)



MATSM- 43 - 4012P

1/2" Mini Impact Wrench



MATSM- 43 - 4033P

1/2" Impact Wrench



Specifications:

Model No.	Free Speed (F/R) (RPM)	Anvil Size Inch (mm)	Tightening Torque Ft-lbs (Nm)	Maximum Torque Ft-lbs (Nm) (Reverse)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Average Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
MATSM-43-4012P	7,500 / 12,000	1/2 (13)	66~96 (90~130)	300 (407)	1/4"	3/8 (10)	4 (113)	6 (153)	2.6 (1.2)	83
MATSM-43-4033P	3,500 / 8,000	1/2 (13)	66~96 (90~130)	600 (813)	1/4"	3/8 (10)	4 (113)	7-3/16 (183)	4 (1.9)	83

* Recommended Air Pressure at 90 PSI (6.2 Bar)

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Features:

- **Composite Motor Housing**
- **Twin Hammer Clutch Mechanism**
- Dial Style Forward / Reverse with 3 Speeds in Forward
- and Full Power Reverse
- Handle Exhaust
- 360° Swivel Air Inlet

MATSM- 43 - 4031P1

1/2" Impact Wrench



► 3 Different Speeds of Forward & Full Power of Reverse

MATSM- 43 - 4031P3

1/2" Impact Wrench



► 3 Different Speeds of Forward & Full Power of Reverse

Features:

- **Composite Motor Housing**
- **Pin Clutch Mechanism**
- Push Button One Hand Forward / Reverse
- Working Torque : Range 50-650 ft.lbs (68-882 Nm)
- Max.Torque : Reverse 1,000 ft.lbs (1,375 Nm)
- 360° Swivel Air Inlet
- **LightWeight 4 Lbs (1.9 Kg)**
- **Low Noise 83 dB(A)**

MATSM- 43 - 4033P2

1/2" Impact Wrench
- Pin Clutch Mechanism



► Pin Clutch Mechanism

Specifications:

Model No.	Free Speed (RPM)	Anvil Size Inch (mm)	Maximum Torque Ft-lbs (Nm)	Working Torque Range Ft-lbs (Nm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Average Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
MATSM-43-4033P2	7,000	1/2 (13)	1,000 (1,375)	50~650 (68~882)	1/4"	3/8 (10)	4 (113)	7-3/16 (183)	4 (1.9)	83
MATSM-43-4031P1	7,000	1/2 (13)	600 (813)	50~460 (68~624)	1/4"	1/2 (13)	4.4 (125)	8 (204)	4.8 (2.2)	88
MATSM-43-4031P3	7,000	1/2 (13)	600 (813)	50~460 (68~624)	1/4"	1/2 (13)	4.4 (125)	8 (204)	4.8 (2.2)	88

* Recommended Air Pressure at 90 PSI (6.2 Bar)

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Features:

- Composite Motor Housing Double Injection
- Lightweight 1.9 Kg (4 Lbs)
- Handle Exhaust
- Low Noise 83 dB(A)
- **Twin Hammer Clutch Mechanism**
- Dial Style Forward / Reverse with 3 Speeds in Forward and Full Power Reverse
- Available Optional Exhaust Hose Assembly



MATSM-43-4036P

1/2" Mini Impact Wrench



► EH-43-4033SUB (Option)



► Connectable with Hose (Option)

Specifications:

Model No.	Free Speed (RPM)	Anvil Size Inch (mm)	Maximum Torque Ft-lbs (Nm)	Working Torque Range Ft-lbs (Nm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Average Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
MATSM-43-4036P	7,000	1/2 (13)	600 (813)	50~400 (68~542)	1/4"	3/8 (10)	4 (113)	7-1/4 (183)	4 (1.9)	83

* Recommended Air Pressure at 90 PSI (6.2 Bar)

Buy Online: www.matshoppy.com

1/2" Impact Wrenches

MAT

MARVEL ABRASIVE TOOLS

Features:

- **Composite Motor Housing**
- **Twin Hammer Clutch Mechanism**
- **Lightweight**
- 360° Swivel Air Inlet
- **Low Noise 83 dB(A)**

Kit Includes :

- > 1 pc SM-43-4033P 1/2" Impact Wrench - Twin Hammer
- > 1 pc RFG2254 1/2" Reversible Ratchet
- > 3 pc 6 Point 1/2" Deep (Long) Socket set :
17, 19 & 21 mm (Chrome plated+Black)
- 16 pcs 6 Point 1/2" Sockets set : (CR-MO)
(Chrome plated+Black)
incl : 10,11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22,
24, 27, 30, 32mm
- > 1 pc Nipple
- > 1 pc Blow Molded Case

MATSM-43-4033PK2

1/2" Mini Impact Wrench Kit



► Sockets set for SM-43-4033PK2

Kit Includes :

- > 1 pc SM-43-4033P 1/2" Impact Wrench
- > 3 pcs Standard Sockets set :
17, 19 & 21mm
- > 3 pcs Deep (Long) Sockets set
with sleeve : 17,19 & 21mm
- > 1 pc Blow Molded Case

MATSM-43-4033PK

1/2" Mini Impact Wrench Kit



► For 1/2" Impact Wrench Series.



SK-43-4031PM-17-2
Socket: 17 mm



SK-43-4031PM-19-2
Socket: 19 mm



SK-43-4031PM-21-2
Socket: 21 mm



SK-43-4031PM-17-1
Deep Socket: 17 mm



SK-43-4031PM-19-1
Deep Socket: 19 mm



SK-43-4031PM-21-1
Deep Socket: 21 mm

Specifications:

Model No.	Free Speed (RPM)	Anvil Size Inch (mm)	Maximum Torque Ft-lbs (Nm)	Working Torque Range Ft-lbs (Nm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Average Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
MATSM-43-4033P	7,000	1/2 (13)	600 (813)	50~400 (68~542)	1/4"	3/8 (10)	4 (113)	7-3/16 (183)	4 (1.9)	83

* Recommended Air Pressure at 90 PSI (6.2 Bar)

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Features:

- Composite Motor Housing
- **Twin Hammer Clutch Mechanism**
- Push Button One Hand Forward / Reverse
- Available Optional Exhaust Hose Assembly
- 360 Swivel Air Inlet
- **Lightweight**
- **Low Noise 83 dB(A)**

Air Regulator

(3 Different Speeds of Forward / Reverse)



► **EH-43-4033SUB** (Option)

MATSM- 41 - 4019P

3/8" Impact Wrench



MATSM- 43 - 4019P

1/2" Mini Impact Wrench



MATSM- 43 - 4039P

1/2" Impact Wrench



MATSM- 43 - 4039PL

1/2" Impact Wrench
- with 2" Ext. Anvil



Specifications:

Model No.	Free Speed (RPM)	Anvil Size Inch (mm)	Maximum Torque Ft-lbs (Nm)	Working Torque Range Ft-lbs (Nm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Average Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
MATSM-41-4019P	11,000	3/8 (10)	300 (407)	25~250 (34~338)	1/4"	3/8 (10)	4 (113)	6 (153)	2.6 (1.2)	83
MATSM-43-4019P	11,000	1/2 (13)	300 (407)	25~250 (34~338)	1/4"	3/8 (10)	4 (113)	6 (153)	2.6 (1.2)	83
MATSM-43-4039P	7,000	1/2 (13)	600 (813)	50~400 (68~542)	1/4"	3/8 (10)	4 (113)	7-3/16 (183)	4 (1.9)	83
MATSM-43-4039PL	7,000	1/2 (13)	600 (813)	50~400 (68~542)	1/4"	3/8 (10)	4 (113)	9-1/4 (236)	4.4 (2.0)	83

* Recommended Air Pressure at 90 PSI (6.2 Bar)

Buy Online: www.matshoppy.com

Features:

- **Composite Motor Housing**
(Double Injection only for SM-40- 7253P & SM-41-7253P)
- Reversing Bar on Both Sides
- **Two Speed Trigger**
(Slow Speed When Pulled Halfway)
- Handle Exhaust
- **Patented Silencer 83 dB(A)**
- **0.5 HP**



MATSM- 40- 7253P
1/4" Mini Impact Wrench

MATSM- 41- 7253P
3/8" Mini Impact Wrench



MATSM- 40 -7254P
1/4" Mini Impact Wrench



MATSM- 40- 7254P
3/8" Mini Impact Wrench

Specifications:

Model No.	Free Speed (RPM)	Anvil Size Inch (mm)	Maximum Torque Ft-lbs (Nm)	Working Torque Range Ft-lbs (Nm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Average Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
MSM-40-7253P	11,000	1/4 (6)	75 (102)	25~70 (34~95)	1/4"	3/8 (10)	4 (113)	6 (154)	2.2 (1.0)	83
MSM-40-7254P	11,000	1/4 (6)	75 (102)	25~70 (34~95)	1/4"	3/8 (10)	4 (113)	6 (154)	2.2 (1.0)	83
MSM-41-7253P	11,000	3/8 (10)	100 (136)	25~90 (34~122)	1/4"	3/8 (10)	4 (113)	6 (154)	2.2 (1.0)	83
MSM-41-7254P	11,000	3/8 (10)	100 (136)	25~90 (34~122)	1/4"	3/8 (10)	4 (113)	6 (154)	2.2 (1.0)	83

1/4" Hex Impact Drivers

Features:

- **Composite Motor Housing**
(Double Injection only for SM-40- 7253P & SM-48-7253P)
- Reversing Bar on Both Sides
- **Two Speed Trigger**
- Handle Exhaust
- **Patented Silencer 84 dB(A)**
- **0.5 HP**



MATSM- 48- 7253P
1/4" Hex Impact Driver



MATSM- 48- 7254P
1/4" Hex Impact Driver

Specifications:

Model No.	Free Speed (RPM)	Hex Drive Capacity (Inch)	Maximum Torque Ft-lbs (Nm)	Working Torque Range Ft-lbs (Nm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Average Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
MATSM-48-7253P	11,000	1/4	75 (102)	25~70 (34~95)	1/4"	3/8 (10)	4 (113)	6-1/8 (155)	2.2 (1.0)	84
MATSM-48-7254P	11,000	1/4	75 (102)	25~70 (34~95)	1/4"	3/8 (10)	4 (113)	6-1/8 (155)	2.2 (1.0)	84

* Recommended Air Pressure at 90 PSI (6.2 Bar)

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Features:

- Built-in Comfort Grip
- Handle Exhaust (Silencer)
- **Twin Hammer Clutch Mechanism**

MATSM- 45- 4057G

3/4" Impact Wrench



MATSM- 47 - 4057G

1" Impact Wrench



MATSM- 45 - 4057LG

3/4" Impact Wrench - with 6" Ext. Anvil

MATSM- 47 - 4057LG

1" Impact Wrench - with 6" Ext. Anvil



MATSM- 41 - 4017G

3/8" Impact Wrench



MATSM- 43 - 4017G

1/2" Mini Impact Wrench



MATSM- 43 - 4037G

1/2" Impact Wrench



Specifications:

Model No.	Free Speed (RPM)	Anvil Size Inch (mm)	Maximum Torque Ft-lbs (Nm) (Reverse)	Working Torque Range Ft-lbs (Nm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Average Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
MATSM-41-4017G	11,000	3/8 (10)	400 (542)	25-300 (34-407)	1/4"	3/8 (10)	5 (142)	6-1/4 (156)	3.5 (1.6)
MATSM-43-4017G	11,000	1/2 (13)	400 (542)	25-300 (34-407)	1/4"	3/8 (10)	5 (142)	6-1/4 (156)	3.5 (1.6)
MATSM-43-4037G	8,000	1/2 (13)	900 (1,220)	50-700 (68-949)	1/4"	3/8 (10)	6 (170)	7-3/8 (185)	6 (2.7)
MATSM-45-4057G	5,500	3/4 (19)	1,500 (2,034)	200-1,300 (271-1,763)	3/8"	1/2 (13)	9 (255)	8-3/4 (220)	10.1 (4.6)
MATSM-47-4057G	5,500	1 (25.4)	1,500 (2,034)	200-1,300 (271-1,763)	3/8"	1/2 (13)	7 (198)	8-7/8 (228)	11 (5)
MATSM-45-4057LG	5,500	3/4 (19)	1,500 (2,034)	200-1,300 (271-1,763)	3/8"	1/2 (13)	7 (198)	14-3/4 (373)	12.1 (5.5)
MATSM-47-4057LG	5,500	1 (25.4)	1,500 (2,034)	200-1,300 (271-1,763)	3/8"	1/2 (13)	7 (198)	15 (381)	13 (5.9)

* Recommended Air Pressure at 90 PSI (6.2 Bar)

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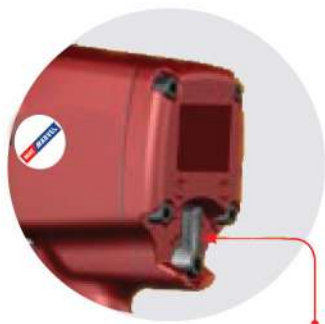
1" Heavy Duty Impact Wrenches

MAT

MARVEL ABRASIVE TOOLS

Features:

- 1" Heavy Duty Impact Wrench
- **Twin Hammer Clutch Mechanism**
- Adjustable Side Handle
- 3 Position Power Setting in Forward and Reverse
- Handle Exhaust



3 Position Power Setting
in Forward and Reverse

Accessories (Optional)

**Exhaust Hose Assembly
EH-47-407457-11SUB**
For SM-47-4075



MATSM-47-4075

1" Impact Wrench
Max. Torque : 2,644 Nm
Weight : 9.9 Kgs



MATSM-47-4075L6

1" Impact Wrench
- with 6" Ext. Anvil
- Max. Torque : 2,644 Nm
- weight : 10.7 Kgs



MATSM-47-4075L8

1" Impact Wrench
- with 8" Ext. Anvil
- Max. Torque : 2,644 Nm
- weight : 11.1 Kgs

Specifications:

Model No.	Free Speed (RPM)	Anvil Size Inch (mm)	Maximum Torque Ft-lbs (Nm) (Reverse)	Working Torque Range Ft-lbs (Nm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Average Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
MATSM-47-4075	5,000	1 (25.4)	1,950 (2,644)	360~1,600 (488~2,169)	1/2"	1/2 (13)	10 (282)	11-7/16 (290)	21.8 (9.9)
MATSM-47-4075L6	5,000	1 (25.4)	1,950 (2,644)	360~1,600 (488~2,169)	1/2"	1/2 (13)	10 (282)	15-3/8 (391)	23.6 (10.7)
MATSM-47-4075L8	5,000	1 (25.4)	1,950 (2,644)	360~1,600 (488~2,169)	1/2"	1/2 (13)	10 (282)	17-3/8 (442)	24.5 (11.1)

* Recommended Air Pressure at 90 PSI (6.2 Bar)

Buy Online: www.matshoppy.com

MATSM-0775

3/8" Impact Wrench
- Single Hammer



MATSM-401

3/8" Butterfly Impact Wrench
- Single Hammer



MATSM-401A

3/8" Butterfly Impact Wrench

MATSM-4011A

1/2" Butterfly Impact Wrench



- ▶ With Grip
- ▶ Heavy - Duty
- ▶ Single Hammer

MATSM-401AK

3/8" Butterfly Impact Wrench
Kit



In Blow Molded Case Complete with:

- 1 pc MSM-401A 3/8" Butterfly Impact Wrench
- 7 pcs **Sockets : 8, 10, 11, 12, 13, 14, 17 & 19 mm**
- 1 pc 3" Extension Bar
- 1 pc Bit Holder
- 1 pc Blow Mold Case

Specifications:

Model No.	Free Speed (RPM)	Anvil Size Inch (mm)	Maximum Torque Ft-lbs (Nm)	Working Torque Range Ft-lbs (Nm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
MATSM-0775	10,000	3/8 (10)	75 (101)	5~50 (7~68)	1/4"	3/8 (10)	3 (85)	5 (125)	2 (0.9)
MATSM-401	10,000	3/8 (10)	75 (101)	5~50 (7~68)	1/4"	3/8 (10)	3 (85)	5-7/8 (150)	2 (0.9)
MATSM-401A	10,000	3/8 (10)	75 (101)	5~50 (7~68)	1/4"	3/8 (10)	3 (85)	5-7/8 (150)	2 (0.9)
MATSM-4011A	10,000	1/2 (13)	75 (101)	5~50 (7~68)	1/4"	3/8 (10)	3 (85)	5-7/8 (150)	2 (0.9)

* Recommended Air Pressure at 90 PSI (6.2 Bar)

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Air Wrench Two Hammer Type

MAT

MARVEL ABRASIVE TOOLS

MATOP - 301LB90

3/8" Rear exhaust



Include :

- High Attack Frequency.
- Low Counteraction.

MATOP - 311LH3

3/8" Rear exhaust



Application :

- Apply to release or fasten small bolts especially in heavy productive assembly lines such as motor, vehicles, bicycles, and motor.

MATOP - 310LH3

3/8" Side exhaust



MATOP - 100LH

1/2" Rear exhaust



MATOP - 130LH4

1/2" Side exhaust



Specifications:

Model No.	Bolt Size Capacity	Working Torque		MAX. Torque		Free Speed	Air Consumption		Overall Length		Air Inlet	Net Weight		Sound Level
	mm	Nm	ft-lb	Nm	ft-lb	rpm	l/min	cfm	mm	inch	P.T	Kg	lb	dB(A)
MATOP - 301LB90	M6	17	13	40	30	9000	141	5	240	9.45	1/4	1.22	2.69	83
MATOP - 311LH3	M10	50	37	90	66	8500	240	8.5	265	10.43	1/4	1.58	3.48	90
MATOP - 310LH3	M10	60	44	130	96	7000	198	7	240	9.45	1/4	1.62	3.57	92
MATOP - 100LH	M12	110	81	200	148	3000	240	8.5	300	11.81	1/4	2.63	5.79	87
MATOP - 130LH4	M14 ~ M16	220	162	270	200	4000	283	10	375	14.76	1/4	5	11.02	96

* Recommended Air Pressure at 90 PSI (6.2 Bar)

Buy Online: www.matshoppy.com

Air Wrench Two Hammer Type

MAT

MARVEL ABRASIVE TOOLS

MATOP - 301B2 , 301B3

1/4" & 3/8" Side exhaust



MATOP - 306B

3/8" Rear exhaust



MATOP - 809B1

3/8" Rear exhaust with muffler



MATOP - 309B

3/8" Side exhaust



MATOP - 310B3

3/8" Side exhaust



MATOP - 100B

1/2" Rear exhaust



MATOP - 130B

1/2" Side exhaust



Specifications:

Model No.	Bolt Size Capacity		Working Torque		MAX. Torque		Free Speed		Air Consumption		Overall Length		Air Inlet	Net Weight		Sound Level
	mm		Nm	ft-lb	Nm	ft-lb	rpm		l/min	cfm	mm	inch	P.T	Kg	lb	dB(A)
MATOP - 301B2	M8		27	20	35	26	11000		127	4.5	178	7.01	1/4	0.68	1.5	89
MATOP - 306B	M10		80	59	200	148	8000		212	7.5	225	8.86	1/4	1.07	2.36	90
MATOP - 809B1	M10		80	59	130	96	8000		184	6.5	230	9.06	1/4	1.2	2.65	80
MATOP - 309B	M10		80	59	200	148	8300		212	7.5	190	7.48	1/4	0.98	2.16	94
MATOP - 310B3	M10 ~ M12		90	66	240	177	8000		283	10	190	7.48	1/4	1.06	2.34	97
MATOP - 100B	M12 ~ M14		160	118	280	207	5500		240	8.5	260	10.24	1/4	1.7	3.75	85
MATOP - 130B	M16 ~ M18		320	236	500	369	4400		283	10	330	13	1/4	3.4	7.5	95

* Recommended Air Pressure at 90 PSI (6.2 Bar)

Buy Online: www.matshoppy.com

Air Wrench Two Hammer Type

MAT

MARVEL ABRASIVE TOOLS

MATOP - 301LB2

MATOP - 301LB3

1/4" & 3/8" Handle exhaust



MATOP - 403LB2

MATOP - 403LB3

1/4" & 3/8" Handle exhaust



MATOP - 306SL1

3/8" Side exhaust



MATOP - 309LB

3/8" Side exhaust



MATOP - 406LB

3/8" Handle exhaust



MATOP - 310LB3

3/8" Side exhaust



MATOP - 100LB

1/2" Side exhaust



MATOP - 131LB

1/2" Side exhaust



Specifications:

Model No.	Bolt Size Capacity	Working Torque		MAX. Torque		Free Speed	Air Consumption		Overall Length		Air Inlet	Net Weight		Sound Level
	mm	Nm	ft-lb	Nm	ft-lb	rpm	l/min	cfm	mm	inch	P.T	Kg	lb	dB(A)
MATOP - 301LB	M8	27	20	35	26	13000	198	7	145	5.71	1/4	0.9	1.98	88
MATOP - 403LB	M8	27	20	30	22	11500	170	6	155	6.1	1/4	0.9	1.98	87
MATOP - 306SL1	M10	80	59	200	148	8000	226	8	183	7.2	1/4	1.2	2.65	94
MATOP - 309LB	M10	80	59	200	148	7700	198	7	185	7.28	1/4	1.3	2.87	89
MATOP - 406LB	M12	100	74	190	140	8000	283	10	160	6.3	1/4	1.2	2.65	87
MATOP - 310LB3	M12	110	81	240	177	8000	283	10	185	7.28	1/4	1.34	2.89	93
MATOP - 100LB	M16	270	199	440	325	5000	240	8.5	180	7.09	1/4	2.3	5.07	92
MATOP - 131LB	M18	360	266	580	428	43000	283	10	210	8.27	1/4	3.1	6.83	96

* Recommended Air Pressure at 90 PSI (6.2 Bar)

Buy Online: www.matshoppy.com

Air Wrench Single Ring Type

MAT

MARVEL ABRASIVE TOOLS

MATOP - 308DW , 308D

1/2" & 3/8" Rear exhaust



MATOP - 310DB3 , 310DB4

3/8" & 1/2" Side exhaust



MATOP - 310LD3 , 310LD4

3/8" & 1/2" Side exhaust



MATOP - 409W , 409WHA

3/8" & 1/2" Handle exhaust



MATOP - 601DB , 601D

3/8" & 1/2" Side exhaust



MATOP - 605D4

1/2" Handle exhaust



Specifications:

Model No.	Bolt Size Capacity	Working Torque		MAX. Torque		Free Speed	Air Consumption		Overall Length		Air Inlet	Net Weight		Sound Level
	mm	Nm	ft-lb	Nm	ft-lb	rpm	l/min	cfm	mm	inch	P.T	Kg	lb	dB(A)
MATOP - 308DW	M12	120	86	200	148	8100	240	8.5	220	8.66	1/4	1.32	2.91	85
MATOP - 308D	M12	120	86	200	148	8100	240	8.5	220	8.66	1/4	1.32	2.91	85
MATOP - 310DB3	M12	120	86	300	221	8000	198	7	200	7.87	1/4	1.18	2.6	96
MATOP - 310DB4	M12	120	86	300	221	8000	198	7	200	7.87	1/4	1.18	2.6	96
MATOP - 310LD3	M12	120	86	270	200	8000	198	7	185	7.28	1/4	1.5	3.3	96
MATOP - 310LD4	M12	120	86	270	200	8000	198	7	185	7.28	1/4	1.5	3.3	96
MATOP - 409W	M12	120	86	270	200	8500	254	9	155	6.1	1/4	1.32	2.91	88
MATOP - 409WHA	M12	120	86	270	200	8500	254	9	155	6.1	1/4	1.32	2.91	88
MATOP - 601DB	M12	120	86	270	200	8500	240	8.5	155	6.1	1/4	1.54	3.4	94
MATOP - 601D	M12	120	86	270	200	8500	240	8.5	155	6.1	1/4	1.54	3.4	94
MATOP - 605DA	M12	120	86	270	200	9500	240	8.5	155	6.1	1/4	1.42	3.13	82

* Recommended Air Pressure at 90 PSI (6.2 Bar)

Buy Online: www.matshoppy.com

Air Wrench Twin Ring Type

MAT

MARVEL ABRASIVE TOOLS

MATOP - 906D4

12" Handle exhaust



MATOP - 603D

Side exhaust



MATOP - 908D

1/2" Handle exhaust



MATOP - 909D

1/2" Handle exhaust



MATOP - 936D2

3/4" Handle exhaust



MATOP - 936D4

3/4" Handle exhaust



Include :

- Large torque
- Long lasting
- Less vibration than single ring type

Application :

- Especially in heavy productive industries rattan, motor.

Specifications:

Model No.	Bolt Size Capacity	Working Torque		MAX. Torque		Free Speed	Air Consumption		Overall Length		Air Inlet	Net Weight		Sound Level
	mm	Nm	ft-lb	Nm	ft-lb	rpm	l/min	cfm	mm	inch	P.T	Kg	lb	dB(A)
MATOP - 906D4	M16	270	200	450	332	10000	311	11	140	5.51	1/4	1.6	3.52	92
MATOP - 603D	M18 ~ M20	450	332	560	413	6000	325	11.5	180	7.09	1/4	2.57	5.67	95
MATOP - 908D	M18 ~ M20	450	332	600	443	6700	297	10.5	190	7.48	1/4	2.68	5.91	96
MATOP - 909D	M18 ~ M20	450	332	550	406	7300	311	11	210	8.27	1/4	2.15	4.74	90
MATOP - 936D2	M22	820	604	950	700	5400	424	15	223	8.78	1/4	4.1	9.04	93
MATOP - 936D4	M22	820	604	950	700	5400	424	15	268	10.55	1/4	4.25	9.37	93

* Recommended Air Pressure at 90 PSI (6.2 Bar)

Buy Online: www.matshoppy.com

Air Wrench Pin Clutch Type

MAT

MARVEL ABRASIVE TOOLS

MATOP - 308A , 308B

3/8" & 1/2" Rear exhaust



MATOP - 813 , 814

3/8" & 1/2" Rear exhaust with muffler



MATOP - 308LA , 308LB

3/8" & 1/2" Side exhaust



MATOP - 408LA , 408LB

3/8" & 1/2" Handle exhaust



MATOP - 909B

1/2" Handle exhaust



Include :

- Every motor revolution causes two hammer pin impacts at the same time to keep balance, lower vibration and larger output power.
- **Application :**
Apply to heavy productive assembly lines such as motor vehicles, bicycles, and motor.

Specifications:

Model No.	Bolt Size Capacity	Working Torque		MAX. Torque		Free Speed	Air Consumption		Overall Length		Air Inlet	Net Weight		Sound Level
	mm	Nm	ft-lb	Nm	ft-lb	rpm	l/min	cfm	mm	inch	P.T	Kg	lb	dB(A)
MATOP - 308A	M14	140	103	290	214	7500	240	8.5	230	9.06	1/4	1.3	2.87	90
MATOP - 308B	M14	160	118	290	214	7500	240	8.5	230	9.06	1/4	1.3	2.87	90
MATOP - 813	M14	140	103	210	155	7300	184	6.5	230	9.06	1/4	1.4	3.09	80
MATOP - 814	M14	160	118	210	155	7300	184	6.5	230	9.06	1/4	1.4	3.09	80
MATOP - 308LA	M14	140	103	290	214	7000	226	8	190	7.48	1/4	1.4	3.09	94
MATOP - 308LB	M14	160	118	290	214	7000	226	8	190	7.48	1/4	1.4	3.09	94
MATOP - 408LA	M14	140	103	300	221	8000	226	8	165	6.5	1/4	1.4	3.09	85
MATOP - 408LB	M14	160	118	300	221	8000	226	8	165	6.5	1/4	1.4	3.09	85
MATOP - 909B	M20	480	354	500	369	6500	339	12	210	8.27	1/4	2.2	4.85	90

* Recommended Air Pressure at 90 PSI (6.2 Bar)

Buy Online: www.matshoppy.com

MATOP - 808LH3

3/8" Rear exhaust with muffler



MATOP - 602B

3/8" Side exhaust Low Rotational Speed



MATOP - 407LB

3/8" Handle exhaust



MATOP - 601B

3/8" Handle exhaust Low Rotational Speed



Include :

- High Speed
- Low Vibration

Application :

- Especially in heavy - Productive
- Industries (Rattan, motor).

Specifications:

Model No.	Bolt Size Capacity		Working Torque		MAX. Torque		Free Speed		Air Consumption		Overall Length		Air Inlet		Net Weight		Sound Level
	mm		Nm	ft-lb	Nm	ft-lb	rpm		l/min	cfm	mm	inch	P.T		Kg	lb	dB(A)
MATOP - 808LH3	M6		10	7	25	18.5	2200		127	4.5	560	22	1/4		2.37	5.23	73
MATOP - 602B	M10		45	33	50	37	2500		141	5	220	8.66	1/4		0.99	2.18	89
MATOP - 407LB	M10		45	33	50	37	2400		212	7.5	185	7.28	1/4		1.17	2.58	88
MATOP - 601B	M10		45	33	50	37	2700		170	6	185	7.28	1/4		1.13	2.49	82

* Recommended Air Pressure at 90 PSI (6.2 Bar)

Buy Online: www.matshoppy.com

MATOP - 914DZ2 - #5, MATOP - 914DZ6 - #5

Side exhaust, Inside trigger



- Inside trigger :

MOP - 914DZ2 - #5 with driver anvil length 1/2"

MOP - 914DZ6 with driver anvil length 6"

MATOP - 915D , 915DA

3/4" & 1" Handle exhaust



MATOP - W17 - D1A , W17 - D1B

1/2" & 3/8" Rear exhaust



MATOP - W19 - D1A , W19 - D1B

3/8" & 1/2" Handle exhaust



Specifications:

Model No.	Bolt Size Capacity	Working Torque		MAX. Torque		Free Speed	Air Consumption		Overall Length		Air Inlet	Net Weight		Sound Level
	mm	Nm	ft-lb	Nm	ft-lb	rpm	l/min	cfm	mm	inch	P.T	Kg	lb	dB(A)
MATOP - 914DZ2- #5	M30	2000	1475	2500 ~ 2900	1840 ~ 2130	2800	452	16	393	15.47	3/8	11.54	25.44	100
MATOP - 914DZ6- #5	M30	2000	1475	2500 ~ 2800	1840 ~ 2060	2800	452	16	543	21.38	3/8	12.74	28.08	100
MATOP - 915D	M24 ~ M27	1300	958	2000	1475	3800	410	14.5	260	10.24	3/8	6.08	13.4	85
MATOP - 915DA	M24 ~ M27	1300	958	2000	1475	3800	410	14.5	270	10.63	3/8	6.2	13.67	85
MATOP - W17 - D1A	M12	120	86	200	148	8100	226	8	220	8.66	1/4	1.32	2.91	85
MATOP - W17 - D1B	M12	120	86	200	148	8100	226	8	220	8.66	1/4	1.32	2.91	85
MATOP - W19 - D1A	M12	120	86	270	200	8500	254	9	155	6.1	1/4	1.32	2.91	88
MATOP - W19 - D1B	M12	120	86	270	200	8500	254	9	155	6.1	1/4	1.32	2.91	88

* Recommended Air Pressure at 90 PSI (6.2 Bar)

Buy Online: www.matshoppy.com

MATOP - 912D2

3/4" Side exhaust

Outside trigger



Inside trigger



• Outside trigger :

MATOP - 914D2 with driver anvil length 1/2"
MATOP - 914D6 with driver anvil length 6-1/2"
MATOP - 914D8 with driver anvil length 8-1/2"

• Inside trigger :

MATOP - 914DZ2 with driver anvil length 1/2"
MATOP - 914DZ6 with driver anvil length 6-1/2"
MATOP - 914DZ8 with driver anvil length 8-1/2"

1" MATOP - 913D2

Side exhaust
Light type

Outside trigger



Inside trigger



• Outside trigger :

MATOP - 914DA3 with driver anvil length 1/2"
MATOP - 914DA6 with driver anvil length 6"

• Inside trigger :

MATOP - 914DAZ3 with driver anvil length 1/2"
MATOP - 914DAZ6 with driver anvil length 6"

Specifications:

Model No.	Bolt Size Capacity	Working Torque		MAX. Torque		Free Speed	Air Consumption		Overall Length		Air Inlet	Net Weight		Sound Level
	mm	Nm	ft-lb	Nm	ft-lb	rpm	l/min	cfm	mm	inch	P.T	Kg	lb	dB(A)
MATOP - 914D2	M30	2000	1475	2500 ~ 2900	1840 ~ 2130	2800	452	16	393	21.65	3/8	10.3	22.71	100
MATOP - 914D6	M30	2000	1475	2500 ~ 2800	1840 ~ 2060	2800	452	16	543	21.38	3/8	12.3	27.12	100
MATOP - 914D8	M30	2000	1475	2500 ~ 2800	1840 ~ 2060	2800	452	16	594	23.39	3/8	13.3	29.3	100
MATOP - 914DZ2	M30	2000	1475	2500 ~ 2900	1840 ~ 2130	2800	452	16	393	15.47	3/8	10.3	22.71	100
MATOP - 914DZ6	M30	2000	1475	2500 ~ 2800	1840 ~ 2060	2800	452	16	543	21.38	3/8	12.3	27.12	100
MATOP - 914DZ8	M30	2000	1475	2500 ~ 2800	1840 ~ 2060	2800	452	16	594	23.39	3/8	13.3	29.3	100
MATOP - 914DA3	M30	2000	1475	2700 ~ 3000	1990 ~ 2210	2800	452	16	418	16.46	3/8	11.54	25.44	100
MATOP - 914DAZ3	M30	2000	1475	2700 ~ 3000	1990 ~ 2210	2800	452	16	418	16.46	3/8	11.54	25.44	100
MATOP - 914DA6	M30	2000	1475	2700 ~ 3000	1990 ~ 2210	2800	452	16	543	21.38	3/8	13.26	29.23	100
MATOP - 914DAZ6	M30	2000	1475	2700 ~ 3000	1990 ~ 2210	2800	452	16	543	21.38	3/8	13.26	29.23	100

* Recommended Air Pressure at 90 PSI (6.2 Bar)

Buy Online: www.matshoppy.com

1" Heavy Duty Impact Wrenches

MAT

MARVEL ABRASIVE TOOLS

Features:

- **Twin Hammer Clutch / Pinless Clutch Mechanism**
- Side Support Handle for Better Control When Operate
- Handle with Inside Trigger
- with Steel Ring to Retain the Sockets

MATSM-47-4071

- 1" Heavy Duty Impact Wrench
- Pinless Clutch
 - Max. Torque : 2,711 Nm
 - Weight : 10.56 Kgs



MATSM-47-4072

- 1" Heavy Duty Impact Wrench
- Twin Hammer
 - Max. Torque : 2,711 Nm
 - Weight : 10 Kgs



MATSM-47-4071L6

- 1" Heavy Duty Impact Wrench - Twin Hammer
- Anvil Length : 6.3" (159 mm)
 - Max. Torque : 3,119 Nm
 - Weight : 10.9 Kgs

MATSM-47-4071L8

- 1" Heavy Duty Impact Wrench - Pinless Clutch
- Anvil Length : 9.6" (245 mm)
 - Max. Torque : 2,711 Nm
 - Weight : 12.2 Kgs



MATSM-47-4072L6

- 1" Heavy Duty Impact Wrench - Twin Hammer
- Anvil Length : 6.3" (159 mm)
 - Max. Torque : 3,119 Nm
 - Weight : 10.9 Kgs

MATSM-47-4072L8

- 1" Heavy Duty Impact Wrench - Twin Hammer
- Anvil Length : 8.3" (210 mm)
 - Max. Torque : 3,119 Nm
 - Weight : 11 Kgs



Specifications :

Model No.	Free Speed (RPM)	Anvil Size Inch (mm)	Maximum Torque Ft-lbs (Nm)	Working Torque Range Ft-lbs (Nm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Max. Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
MATSM-47-4071	5,000	1 (25.4)	2,000 (2,711)	400~1,650 (542~2,237)	1/2"	1/2 (13)	10 (282)	14 (346)	23.3 (10.56)
MATSM-47-4072	5,000	1 (25.4)	2,300 (3,119)	400~1,800 (542~2,441)	1/2"	1/2 (13)	10 (282)	16.2 (412)	22 (10)
MATSM-47-4071L6	5,000	1 (25.4)	2,000 (2,711)	400~1,650 (542~2,237)	1/2"	1/2 (13)	10 (282)	20 (497)	26.2 (11.9)
MATSM-47-4071L8	5,000	1 (25.4)	2,000 (2,711)	400~1,650 (542~2,237)	1/2"	1/2 (13)	10 (282)	22 (548)	26.9 (12.2)
MATSM-47-4072L6	5,000	1 (25.4)	2,300 (3,119)	400~1,800 (542~2,441)	1/2"	1/2 (13)	10 (282)	20.2 (514)	24 (10.9)
MATSM-47-4072L8	5,000	1 (25.4)	2,300 (3,119)	400~1,800 (542~2,441)	1/2"	1/2 (13)	10 (282)	22-1/2 (520)	24.3 (11)

* Recommended Air Pressure at 90 PSI (6.2 Bar)

Buy Online: www.matshoppy.com

1" Heavy Duty Impact Wrenches

MAT

MARVEL ABRASIVE TOOLS

Features:

- **Twin Hammer Clutch Mechanism**
- Side Support Handle with Inside Trigger
- With Steel Ring to Retain the Sockets
- **Lightweight**



► Safe Twist Handle Design

MATSM-47-4073

1" Heavy Duty Impact Wrench

- Twin Hammer
- Max. Torque : 2,441 Nm
- Weight : 6.5 kgs



MATSM-47-4073L

1" Heavy Duty Impact Wrench

- Twin Hammer
- Anvil Length : 8.3" (210 mm)
- Max. Torque : 2,441 Nm
- Weight : 7.2 kgs

MATSM-47-4073LQ (Lower Noise)

1" Heavy Duty Impact Wrench

- Twin Hammer
- Anvil Length : 8.3" (210 mm)
- Max. Torque : 2,170 Nm
- Weight : 7.2 kgs



Specifications:

Model No.	Free Speed (RPM)	Anvil Size Inch (mm)	Maximum Torque Ft-lbs (Nm) (Reverse)	Working Torque Range Ft-lbs (Nm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Average Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
MATSM-47-4073	6,000	1 (25.4)	1,800 (2,441)	200~1,500 (271~2,033)	1/2"	1/2 (13)	10 (282)	12-3/4 (324)	14.3 (6.5)	96
MATSM-47-4073L	6,000	1 (25.4)	1,800 (2,441)	200~1,500 (271~2,033)	1/2"	1/2 (13)	10 (282)	18-3/8 (467)	15.9 (7.2)	96
MATSM-47-4073LQ	5,500	1 (25.4)	1,600 (2,170)	200~1,350 (271~1,831)	1/2"	1/2 (13)	10 (282)	18-3/8 (467)	15.9 (7.2)	89

* Recommended Air Pressure at 90 PSI (6.2 Bar)

Buy Online: www.matshoppy.com

Take A Load Off User's Backs with Our Suspending Stands

MAT

MARVEL ABRASIVE TOOLS

Features:

Auto mechanic, tire shop workers and others who need to manipulate heavy objects will immediately recognize the value of this product. By suspending air tools and other items in midair. It protects user's backs and saves their time and strength. For details, please contact us today.



MATSM-0915

Suspending Stand

- Capacity 9 ~ 15 Kgs (19 ~ 33 Lbs)

MATSM-1522

Suspending Stand

- Capacity 15 ~ 22 Kgs (33 ~ 48 Lbs)

Cable

- Swivel freely
- Vertical movement resistance is adjustable

Swing Arm
Swivel 45°

Push / Pull Handle

Impact Wrench is not included.

Socket Holders

Spring Balancer Case

Storage Tray
For nuts & bolts

Specifications :

Model No.	Suspending Capacity Kg (Lbs)	Height Cm (Inch)	Gross weight Kg (Lbs)
MATSM-0915	9~15 (19~33)	168 (66)	29 (63)
MATSM-1522	15~22 (33~48)	168 (66)	29 (63)

* Recommended Air Pressure at 90 PSI (6.2 Bar)

Buy Online: www.matshoppy.com

www.marvelabrasivetools.com

Email: info@marvelabrasivetools.com

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Impact Wrenches Catalogue

MAT

MARVEL ABRASIVE TOOLS



Head Office

#64B/24, 2nd Floor, 10th Main, 42nd Cross,
4th Block, Rajajinagar, Bangalore - 560 010, Karnataka.
Email : info@marvelabrasivetools.com,
Website : www.marvelabrasivetools.com,
Contact : 91-80-23150747 / 67, 9343537540

Locations of our team presence :-

Karnataka, Tamil Nadu, Kerala,
Maharashtra, Gujarat,
Himachal Pradesh.