



HSUTECH ENTERPRISE CO.,LTD

2F.No.1,Lane 96, Dajhong S.St.West
District, Taichung City 403, Taiwan

E-mail:sales@hsutech.com

Tel:+886-4-23763211 Fax:+886-4-23762495

Web:www.hsutech.com www.hsutechairtools.com





HSUTECH ENTERPRISE CO. LTD was founded in 2006, we have been strived to bring the best tool technology into the market and continue investing HSUTECH family- look advanced design air tools, which we keep introducing these advancements to our overseas customers. Products from HSUTECH have been strictly tested to hold up to the rigors and demands of today's automotive & industrial markets.

With more than 23 years experience in the professional markets, very strong manufacturers support to provide high quality air tools yet very competitive price, which is our priority task. Contact HSUTECH now, we assure you having quality air tools with the best tool technology in your hands.



ECO POWER COMPOSITE AIR IMPACT WRENCH

Energy Saving,
Lower Air Consumption
Max. 25% Less

Features & Benefits:

- **Lower Air Consumption = Save Cost**
(Air compressor does not have to be frequently activated)
- Less Noise level : Workers will benefit from a better quality of life
- Provides a less stressful work environment
- Reduces noise pollution



3-position power regulation in Forward Full Power in Reverse



One-Hand Forward / Reverse Control



Solid Grip for the most comforts



Optional Silent Hose for Low Noise

HIW-04986J

SUPER DUTY MINI 1/2" ECO POWER AIR IMPACT WRENCH

- Extremely short body with huge output torque for tough nut at confined area
- Ergonomic Comfort, Composite light-weight
- Refined Jumbo hammer impact mechanism provides max. torque **610 Nm** output in reverse.
- 3-position power setting regulator in forward & 1-position in reverse



Jumbo Hammer



HIW-04986T



SUPER DUTY MINI 1/2" ECO POWER AIR IMPACT WRENCH

- Extremely short body with huge output torque for tough nut at confined area
- Innovative and easy-to-operate one handed operation switch
- Ergonomic Comfort, Composite light-weight
- Refined Twin hammer impact mechanism provides max. torque **610 Nm** output in reverse.
- 3-position power setting regulator in forward & 1-position in reverse



Twin Hammer



HIW-04987T

SUPER DUTY COMPACT 1/2" ECO POWER AIR IMPACT WRENCH

- Compact body with huge output torque for tough nut at confined area
- Innovative and easy-to-operate one handed operation switch
- Ergonomic Comfort, Composite light-weight
- Refined Twin hammer impact mechanism provides max. torque **750 Nm** output in reverse.
- 3-position power setting regulator in forward & 1-position in reverse



Twin Hammer



MODEL	Square Drive inch	RPM Free Speed	Max.Torque ft.lb (Nm)	Overall Length mm	Air Inlet inch	HOSE Air Hose I.D inch (mm)	Avg. Air Consumption (l/min)	Noise Level (dBA)	Vibration (M/S ²)	Net Weight KG
HIW-04986J	1/2"	9000	450 (610)	113	1/4"	3/8 (10)	4.2 (118)	91	9.69	1.2
HIW-04986T	1/2"	9000	450 (610)	122	1/4"	3/8 (10)	4.2 (118)	89	9.4	1.3
HIW-04987T	1/2"	7000	550 (750)	148	1/4"	3/8 (10)	4.37 (123)	95.4	7.2	1.6

Recommended Air Pressure 90 psi (6.3 bar)

Impact wrench

Cordless Impact Wrench

Ratchet Wrench

Super Quiet Air Tools

0.35HP Air Tool

0.5HP Air Tools

Rust And Paint Remove Tool

1HP Air Die Grinder

Hyd. Air Riveter

Air Cutting Tools

Air Sander

Clean & Foam Gun

Air Mirco Grinder

HIW-04900T

BEST CHOICE

SUPER DUTY 1/2" ECO POWER AIR IMPACT WRENCH

- Compact body with huge output torque for tough nut at confined area
- Innovative and easy-to-operate one handed operation switch
- Ergonomic Comfort, Composite light-weight
- Refined Twin hammer impact mechanism provides max. torque **1220 Nm** output in reverse.
- 3-position power setting regulator in forward & 1-position in reverse



Twin Hammer



HIW-04900TH

SUPER DUTY 1/2" HI-TORQUE ECO POWER AIR IMPACT WRENCH

- Innovative and easy-to-operate one handed operation switch
- Ergonomic Comfort, Composite light-weight
- Refined Twin hammer impact mechanism provides max. torque **1485 Nm** output in reverse.
- 3-position power setting regulator in forward & 1-position in reverse



Twin Hammer



HIW-06985T

SUPER DUTY COMPACT 3/4" ECO POWER AIR IMPACT WRENCH

- Innovative and easy-to-operate one handed operation switch
- Ergonomic Comfort, Composite light-weight
- Refined Twin hammer impact mechanism provides max. torque **1485 Nm** output in reverse.
- 3-position power setting regulator in forward & 1-position in reverse



Twin Hammer



MODEL	Square Drive inch	Free Speed RPM	Max.Torque ft.lb (Nm)	Overall Length mm	Air Inlet inch	HOSE Air Hose I.D inch (mm)	Avg. Air Consumption (L/min)	Noise Level (dBA)	Vibration (M/S ²)	Net Weight KG
HIW-04900T	1/2"	6500	900(1220)	165	1/4"	3/8 (10)	4.80 (135)	91.6	9.44	2.02
HIW-04900TH	1/2"	5000	1100 (1485)	186	1/4"	3/8 (10)	4.90 (138)	95	6.15	2.34
HIW-06985T	3/4"	5000	1100 (1485)	191	1/4"	3/8 (10)	4.90 (138)	94.3	8.5	2.55

Recommended Air Pressure 90 psi (6.3 bar)



HIW-04986JK HIW-04986TK

17 PCS MINI 1/2" COMPOSITE AIR IMPACT WRENCH KIT

Contents:

- 1 PC HIW-04986J (Jumbo hammer) / HIW-04986T(Twin hammer)
- 9 PCS 1/2" Mini Impact Sockets
13, 14, 15,16, 17, 18,19, 21, 24 mm
- 1 PC 1/2"Dr. x 3" Extension Bar
- 1 PC Oil Pot
- 1 PC Nipple
- 1 PC Blow Mold Case
- 3 PCS Thin wall impact sockets (CR-MO)17,19,21 mm
- PACKING 5 Sets / CTN / 13.5kg/ 14.5kg/ 1.3'

HIW-04987TK

17 PCS MINI 1/2" COMPOSITE AIR IMPACT WRENCH KIT

Contents:

- 1 PC HIW-04987T (Twin Hammer)
- 9 PCS 1/2" Mini Impact Sockets
13, 14, 15,16, 17, 18,19, 21, 24 mm
- 1 PC 1/2"Dr. x 3" Extension Bar
- 1 PC Oil Pot
- 1 PC Nipple
- 1 PC Blow Mold Case
- 3 PCS Thin wall impact sockets (CR-MO)17,19,21 mm
- PACKING 5 Sets / CTN / 13.5kg/ 14.5kg/ 1.3'



HIW-04900TK

17 PCS 1/2" COMPOSITE AIR IMPACT WRENCH KIT

Contents:

- 1 PC HIW-04900T (Twin Hammer)
- 10 PCS 1/2" Air Impact Sockets (Chrome-Molybdenum)
9, 10, 11, 13, 14, 17, 19, 22, 24, 27 mm
- 1 PC 1/2" Dr. x 5" Extension Bar
- 1 PC Oil Pot
- 1 PC 4 mm Hex Wrench
- 1 PC Nipple
- 1 PC Mini Oilier
- 1 PC Blow Mold Case
- PACKING 5 Sets / CTN / 20.2kg / 21.2kg / 1.6'

Impact wrench

Cordless Impact Wrench

Ratchet Wrench

Super Quiet Air Tools

0.35HP Air Tool

0.5HP Air Tools

Rust And Paint Remove Tool

1HP Air Die Grinder

Hyd. Air Riveter

Air Cutting Tools

Air Sander

Clean & Foam Gun

Air Mirco Grinder

DAI COMPOSITE IMPACT WRENCH Revolutionary PAT. Double Air Intake Technology

Double Air Intake deliver utmost high torque yet down size of impact gun with lightweight



**25%
Power Plus⁺
High Torque**



HIW-04891J
1/2" Dr. 680 Nm, 1.3kg



HIW-04891T
1/2" Dr. 1350 Nm, 1.6kg



HIW-06892T
3/4" Dr. 2170 Nm, 4.5kg



MODEL	Square Drive inch	RPM Free Speed	Max.Torque ft.lb (Nm)	Overall Length mm	Air Inlet inch	HOSE Air Hose I.D inch (mm)	Avg. Air Consumption (L/min)	Noise Level (dBA)	Vibration (M/S ²)	Net Weight KG
HIW-04891J	1/2"	10000	500(680)	112	1/4"	3/8(10)	4.7(132.5)	91	9.69	1.30
HIW-04891T	1/2"	8200	1000(1350)	150	1/4"	3/8(10)	5.3(149.5)	88	7.2	1.60
HIW-06892T	3/4"	5200	1600(2170)	193	3/8"	1/2(13)	8.6(242.5)	90	8.5	4.50

Recommended Air Pressure 90 psi (6.3 bar)

Viton oil seal to prevent oil leakage excellent resistance to petroleum products. Good high temperature and low compression characteristic.



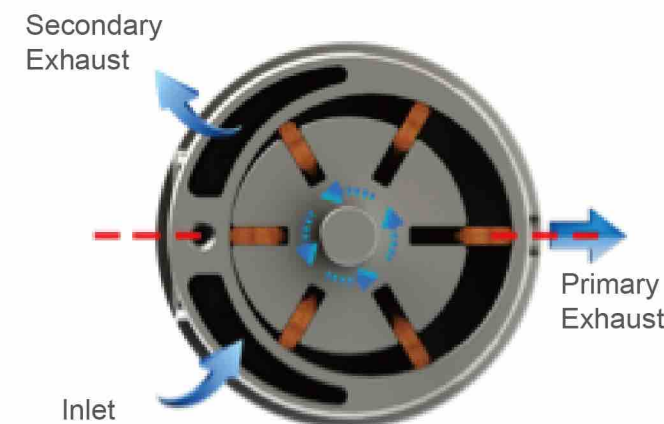
Well balanced and lightweight (1.6 kg), with an ergonomic composite handle

Patented double air intake motor system; delivers highest torque in absolutely compact air wrench

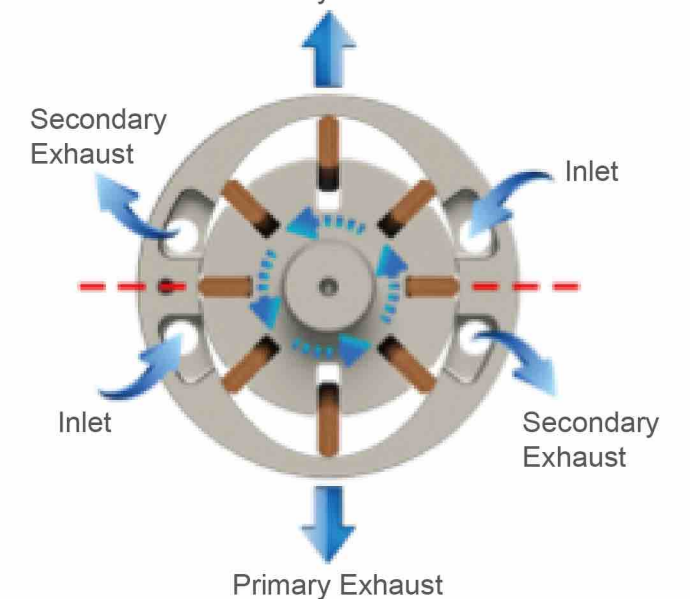


One handed operation, easy to switch Forward and Reverse by a thumb; setting with , 2 speeds of Forward and 1 speed of reverse

Normal Air Intake



PAT. DAI Technology



Features and Benefits:

- 1.Revolutionary patented DAI Double Air Intake motor system, Innovative design increased air intake flow delivers high torque in absolutely compact machine.
- 2.One handed switch for 2 speeds forward, 1 speed reverse.
- 3.The shortest length for better access in tight areas.
- 4.Ergonomics comfort handle with well-balanced for users friendly.
- 5.Viton oil seal to prevent oil leakage under high performance and high temperature.
- 6.Front and end rotor plate insert a thin steel plate to prevent wear, keeps high performance.
- 7.Cold resistance against -25°Cfor composite motor housing.
- 8.Complicated processing, special material of rotor blade to provide wear resistance & very long life.

Impact wrench

Cordless Impact Wrench

Ratchet Wrench

Super Quiet Air Tools

0.35HP Air Tool

0.5HP Air Tools

Rust And Paint Remove Tool

1HP Air Die Grinder

Hyd. Air Riveter

Air Cutting Tools

Air Sander

Clean & Foam Gun

Air Mirco Grinder

Impact wrench

Cordless Impact Wrench

Ratchet Wrench

Super Quiet Air Tools

0.35HP Air Tool

0.5HP Air Tools

Rust And Paint Remove Tool

1HP Air Die Grinder

Hyd. Air Riveter

Air Cutting Tools

Air Sander

Clean & Foam Gun

Air Mirco Grinder

SUPER DUTY COMPOSITE AIR IMPACT WRENCHES

LIGHTWEIGHT BUT EXTREMELY HIGH TORQUE!

High strength aluminum alloy with undivided unit of and peak performance. motor system provides highest torque, durability.

PATENTED design composite and aluminum components provide with lightweight, durability, cold-resistant and superior ergonomics design.

Alloy steel anvil with special heat treatment for durability.

Alloy steel twin hammer mechanism provides instantaneous highest torque value

Teasing trigger provides great control and operator comfort.

Handle exhaust directs the air away from operator and work piece.

Integrated power regulator with easy control dial with 3 speeds of forward and 3 speeds of reversed operation.

Contoured elastomer handle grip for improved comfort and ergonomics.

HIW-04281T

BEST CHOICE

SUPER DUTY 1/2" COMPOSITE AIR IMPACT WRENCH

- Ergonomic Comfort, Composite light-weight
- Refined Twin hammer impact mechanism providing max. torque 1356 Nm output in reverse.
- 3-position power setting regulator in forward & 2-position in reverse



HIW-06930T

SUPER DUTY MINI 3/4" COMPOSITE AIR IMPACT WRENCH

- Ergonomic Comfort, Composite light-weight
- Refined Twin hammer impact mechanism providing max. torque 1356 Nm output in reverse.
- 3-position power setting regulator in forward & 2-position in reverse



HIW-06982T

SUPER DUTY 3/4" COMPOSITE AIR IMPACT WRENCH

- Ergonomic Comfort, Composite light-weight
- Refined Twin hammer impact mechanism providing max. torque 1627 Nm output in reverse.
- 3-position power setting regulator in forward & 3-position in reverse



HIW-08581T

SUPER DUTY 1" COMPOSITE AIR IMPACT WRENCH

- Ergonomic Comfort, Composite light-weight
- Refined Twin hammer impact mechanism providing max. torque 2034 Nm output in reverse.
- 3-position power setting regulator in forward & 3-position in reverse



MODEL	 Square Drive inch	 Free Speed	 Max.Torque ft.lb (Nm)	 Overall Length mm	 Air Inlet inch	 HOSE Air Hose I.D inch (mm)	 Avg. Air Consumption (L/min)	 Noise Level (dBA)	 Vibration (M/S ²)	 Net Weight KG
HIW-04281T	1/2"	10000	1000(1356)	193	1/4"	3/8(10)	5.40(152)	93.7	4.4	2.02
HIW-06930T	3/4"	9000	1000(1356)	200	1/4"	3/8(10)	5.40(152)	90	5.4	2.2
HIW-06982T	3/4"	5500	1200(1627)	221	3/8"	1/2(12.7)	7(197)	92.8	5.9	3.6
HIW-08581T	1"	5500	1500(2034)	256	3/8"	1/2(12.7)	7(197)	92	5.9	5.1

Recommended Air Pressure 90 psi (6.3 bar)

HIW-04621T

SUPER DUTY MINI 1/2" COMPOSIT AIR IMPACT WRENCH

- Extremely short body with huge output torque for tough nut at confined area.
- With rubber side bumper for anti-marring protection
- Handle exhaust to direct air away from operator and work area
- Refined twin hammer impact mechanism plus bias motor design providing max. torque output in reverse.
- Four-position power management operation by turn-knob
- Easy to use forward / reverse push buttons
- Feather touch trigger provide extramly precise & smooth speed control



HIW-041450T



SUPER DUTY 1/2" COMPOSITE AIR IMPACT WRENCH PUSH BUTTON ONE-HANDED F/R DESIGN

- Ergonomic Comfort, Composite light-weight
- Refined Twin hammer impact mechanism providing max. torque **1486 Nm** output in reverse.
- 3-position power setting regulator in forward & in reverse



HIW-04622T

SUPER DUTY 1/2" COMPOSIT AIR IMPACT WRENCH

- Highest power-to-weight rate delivers **1485Nm** Nut Busting Torque
- Refined twin hammer impact mechanism plus bias motor design providing max. torque output in reverse.
- Feather touch trigger provide extramly precise & smooth speed control
- With rubber side bumper for anti-marring protection
- Easy to use forward / reverse push buttons
- Four-position power management operation by turn-knob
- Handle exhaust to direct air away from operator and work area



HIW-041350T



SUPER DUTY 1/2" COMPOSITE AIR IMPACT WRENCH SIDE TO SIDE ONE-HANDED F/R DESIGN

- New power setting system: 1 hand-operation behind the trigger
- Refined Twin hammer impact mechanism providing max. torque **1350 Nm** output in reverse.
- 2 positions in reverse: max and lower torque
- 2 positions in forward: max and low torque



HIW-06623T

SUPER DUTY MINI 3/4" COMPOSIT AIR IMPACT WRENCH

- Most powerful (**1830 Nm**) & lightweight (3.4 kg) 3/4" impact wrench deliver excellent power-to-weight ratio in its class.
- Impact resistant composite housing and reinforced Aluminum hammer case combine to produce a great feeling and very durable tool with light weight and quieter operation.
- Refined twin hammer impact mechanism and high speed motor increasing energy of each blow and doubling the life
- Anvil & hammer are made of Ni-Cr-Mo alloy steel with triple cycle heat treatment to submit long, trouble-free service
- Feather touch trigger provide extremely precise & smooth speed control
- Easy to use forward / reverse push buttons
- Four-position power management operation by turn-knob (4 position in forward and full power in reverse)
- Handle exhaust to direct air away from operator and work area



MODEL	Square Drive inch	Free Speed RPM	Max.Torque ft.lb (Nm)	Overall Length mm	Air Inlet inch	Air Hose I.D inch (mm)	Avg. Air Consumption (L/min)	Noise Level (dBA)	Vibration (M/S ²)	Net Weight KG
HIW-04621T	1/2"	11000	500 (680)	155	1/4"	3/8"(10)	118	90.7	6.9	1.38
HIW-04622T	1/2"	8000	1100 (1486)	186	1/4"	3/8"(10)	142	92	13.2	2.0
HIW-06623T	3/4"	7000	1350 (1830)	215	3/8"	1/2"(12.7)	206	92	14.5	3.4

Recommended Air Pressure 90 psi (6.3 bar)

MODEL	Square Drive inch	Free Speed RPM	Max.Torque ft.lb (Nm)	Overall Length mm	Air Inlet inch	Air Hose I.D inch (mm)	Avg. Air Consumption (L/min)	Noise Level (dBA)	Vibration (M/S ²)	Net Weight KG
HIW-041450T	1/2"	7500	1100(1486)	180	1/4"	3/8(10)	4.8 (136)	100.4	8.07	2.0
HIW-041350T	1/2"	7300	1000(1350)	174	1/4"	3/8(10)	5.4 (153)	101.2	7.81	2.0

Recommended Air Pressure 90 psi (6.3 bar)

Impact
wrench

Cordless
Impact
Wrench

Ratchet
Wrench

Super Quiet
Air Tools

0.35HP
Air Tool

0.5HP
Air Tools

Rust And Paint
Remove Tool

1HP Air
Die Grinder

Hyd.
Air Riveter

Air Cutting
Tools

Air Sander

Clean & Foam
Gun

Air Micro
Grinder

HIW-04680J

BEST CHOICE

SUPER DUTY MINI 1/2" COMPOSITE AIR IMPACT WRENCH PUSH BUTTON ONE-HANDED F/R DESIGN

- Compact short body with huge output torque for tough nut at confined area
- Innovative and easy-to-operate one hand operation switching
- Ergonomic Comfort, Composite light-weight
- Refined Twin hammer impact mechanism providing max. torque **680 Nm** output in reverse.
- 3-position power setting regulator in forward & in reverse



**High
Torque
Light
Weight**



**Breakaway Torque
800 ft-lb (1,080 Nm)**



**PUSH BUTTON
F/R DESIGN**



HIW-04681T

BEST CHOICE

SUPER DUTY MINI 1/2" COMPOSITE AIR IMPACT WRENCH PUSH BUTTON ONE-HANDED F/R DESIGN

- Compact short body with huge output torque for tough nut at confined area
- Innovative and easy-to-operate one hand operation switching
- Ergonomic Comfort, Composite light-weight
- Refined Twin hammer impact mechanism providing max. torque **680 Nm** output in reverse.
- 3-position power setting regulator in forward & in reverse



**High
Torque
Light
Weight**



**Breakaway Torque
800 ft-lb (1,080 Nm)**



**PUSH BUTTON
F/R DESIGN**



HIW-04750J

BEST CHOICE

SUPER DUTY MINI 1/2" COMPOSITE AIR IMPACT WRENCH SIDE TO SIDE ONE-HANDED F/R DESIGN

- New power setting system: 1 hand-operation behind the trigger
- Refined Twin hammer impact mechanism providing max. torque **750 Nm** output in reverse.
- 2 positions in reverse: max and lower torque
- 2 positions in forward: max and low torque



**High
Torque
Light
Weight**



**Breakaway Torque
850 ft-lb (1,150 Nm)**



**SIDE TO SIDE
F/R DESIGN**



HIW-04751T

BEST CHOICE

SUPER DUTY MINI 1/2" COMPOSITE AIR IMPACT WRENCH SIDE TO SIDE ONE-HANDED F/R DESIGN

- New power setting system: 1 hand-operation behind the trigger
- Refined Twin hammer impact mechanism providing max. torque **750 Nm** output in reverse.
- 2 positions in reverse: max and lower torque
- 2 positions in forward: max and low torque



**High
Torque
Light
Weight**



**Breakaway Torque
850 ft-lb (1,150 Nm)**



**SIDE TO SIDE
F/R DESIGN**



MODEL	 Square Drive inch	 Free Speed	 Max.Torque ft.lb (Nm)	 Overall Length mm	 Air Inlet inch	 Air Hose I.D inch (mm)	 Avg. Air Consumption (L/min)	 Noise Level (dBA)	 Vibration (M/S ²)	 Net Weight KG
HIW-04680J	1/2"	11000	500(680)	116	1/4"	3/8(10)	4.80(136)	102	9.5	1.2
HIW-04681T	1/2"	9000	500(680)	120	1/4"	3/8(10)	4.80(136)	102	9.5	1.2

Recommended Air Pressure 90 psi (6.3 bar)

MODEL	 Square Drive inch	 Free Speed	 Max.Torque ft.lb (Nm)	 Overall Length mm	 Air Inlet inch	 Air Hose I.D inch (mm)	 Avg. Air Consumption (L/min)	 Noise Level (dBA)	 Vibration (M/S ²)	 Net Weight KG
HIW-04750J	1/2"	9500	550(750)	112	1/4"	3/8(10)	4.80(136)	102.6	9.61	1.2
HIW-04751T	1/2"	7800	550(750)	116	1/4"	3/8(10)	4.80(136)	102.6	9.61	1.3

Recommended Air Pressure 90 psi (6.3 bar)

Impact
wrench

Cordless
Impact
Wrench

Ratchet
Wrench

Super Quiet
Air Tools

0.35HP
Air Tool

0.5HP
Air Tools

Rust And Paint
Remove Tool

1HP Air
Die Grinder

Hyd.
Air Riveter

Air Cutting
Tools

Air Sander

Clean & Foam
Gun

Air Micro
Grinder

Impact
wrench

Cordless
Impact
Wrench

Ratchet
Wrench

Super Quiet
Air Tools

0.35HP
Air Tool

0.5HP
Air Tools

Rust And Paint
Remove Tool

1HP Air
Die Grinder

Hyd.
Air Riveter

Air Cutting
Tools

Air Sander

Clean & Foam
Gun

Air Micro
Grinder

HIW-061450T

SUPER DUTY MINI 3/4" COMPOSITE AIR IMPACT WRENCH PUSH BUTTON ONE-HANDED F/R DESIGN

- Ergonomic Comfort, Composite light-weight
- Refined Twin hammer impact mechanism providing max. torque **1486 Nm** output in reverse.
- 3-position power setting regulator in forward & in reverse



**High
Torque
Light
Weight**



Breakaway Torque
1,400 ft-lb (1,900 Nm)



**PUSH BUTTON
F/R DESIGN**



HIW-061350T

SUPER DUTY MINI 3/4" COMPOSITE AIR IMPACT WRENCH SIDE TO SIDE ONE-HANDED F/R DESIGN

- New power setting system: 1 hand-operation behind the trigger
- Refined Twin hammer impact mechanism providing max. torque **1350 Nm** output in reverse.
- 2 positions in reverse: max and lower torque
- 2 positions in forward: max and low torque



**High
Torque
Light
Weight**



Breakaway Torque
1,400 ft-lb (1,900 Nm)



**SIDE TO SIDE
F/R DESIGN**



MODEL	Square Drive inch	Free Speed RPM	Max.Torque ft.lb (Nm)	Overall Length mm	Air Inlet inch	Air Hose I.D inch (mm)	Avg. Air Consumption (L/min)	Noise Level (dBA)	Vibration (M/S ²)	Net Weight KG
HIW-061450T	3/4"	7300	1100(1486)	185	1/4"	3/8(10)	4.80 (136)	100.4	8.07	2.8
HIW-061350T	3/4"	7300	1000(1350)	185	1/4"	3/8(10)	4.80 (136)	101.2	7.81	2.8

Recommended Air Pressure 90 psi (6.3 bar)

HIW-0818T2

SUPER DUTY 1" COMPOSITE AIR IMPACT WRENCH W/2" ANVIL

- Rugged Front Cover-Aluminum metal for durability
- Upward/downward Plastic exhaust cover
- 3 Torque Settings.
- Ergonomics Handle
- Inner/outer Trigger design



**High
Torque
Light
Weight**



Backward / downward
Air inlet design for option

HIW-0818T6

SUPER DUTY 1" COMPOSITE AIR IMPACT WRENCH W/ 6" ANVIL

- Rugged Front Cover-Aluminum metal for durability
- Upward/downward Plastic exhaust cover
- 3 Torque Settings.
- Ergonomics Handle
- Inner/outer Trigger design



**High
Torque
Light
Weight**



Backward / downward
Air inlet design for option

HIW-041475-A

1/2" COMPOSITE AIR ANGLE IMPACT WRENCH

Features

- Precision Machined Bevel Gear, provides smooth transmission and prolonged tool life.
- Jumbo Hammer Mechanism: Low recoil operation and High Instant toqure output
- Max reverse torque of **180 FT-LBS (244 Nm)** with 7,000 rpm free speed
- Ergonomic design with comfortable TPR grip
- Rear Exhaust: Discharges air away from working area



**High
Torque
Light
Weight**



MODEL	Square Drive inch	Free Speed RPM	Max.Torque ft.lb (Nm)	Overall Length mm	Air Inlet inch	Air Hose I.D inch (mm)	Avg. Air Consumption (L/min)	Noise Level (dBA)	Vibration (M/S ²)	Net Weight KG
HIW-0818T2	1	5500	2200(2983)	370	1/2	3/4(19)	12 (340)	113.6	11.4	6.80
HIW-0818T6	1	5500	2200(2983)	522	1/2	3/4(19)	12 (340)	113.6	11.4	7.70
HIW-041475-A	1/2	7000	180(244)	341	1/4	3/8(10)	5 (142)	95	43.5	1.80

Recommended Air Pressure 90 psi (6.3 bar)

Impact
wrench

Cordless
Impact
Wrench

Ratchet
Wrench

Super Quiet
Air Tools

0.35HP
Air Tool

0.5HP
Air Tools

Rust And Paint
Remove Tool

1HP Air
Die Grinder

Hyd.
Air Riveter

Air Cutting
Tools

Air Sander

Clean & Foam
Gun

Air Micro
Grinder

Impact wrench

Cordless Impact Wrench

Ratchet Wrench

Super Quiet Air Tools

0.35HP Air Tool

0.5HP Air Tools

Rust And Paint Remove Tool

1HP Air Die Grinder

Hyd. Air Riveter

Air Cutting Tools

Air Sander

Clean & Foam Gun

Air Micro Grinder

HIW-04417J

BEST CHOICE

SUPER DUTY MINI 1/2" AIR IMPACT WRENCH

- Extremely short body with huge output torque for tough nut at confined area
- With Non-slip soft grip and cold insulated handle
- High performance jumbo mechanism providing max. torque **700 ft-lbs (950 Nm)** output in reverse.
- 3-position power setting regulator in forward & 3-position in reverse
- Long service life


High Torque
Light Weight


HIW-04217J

BEST CHOICE

SUPER DUTY MINI 1/2" AIR IMPACT WRENCH

- Extremely short body with huge output torque for tough nut at confined area
- With Non-slip soft grip and cold insulated handle
- High performance Twin hammer mechanism providing max. torque **750 ft-lbs (950 Nm)** output in reverse.
- 3-position power setting regulator in forward & 3-position in reverse
- Long service life


High Torque
Light Weight


HIW-04238T

BEST CHOICE

SUPER DUTY MINI 1/2" AIR IMPACT WRENCH

- Extremely short body with huge output torque for tough nut at confined area
- With Non-slip soft grip and cold insulated handle
- High performance Twin hammer mechanism providing max. torque **650 Ft-lbs (880 Nm)** output in reverse.
- 3-position power setting regulator in forward & 3-position in reverse
- Long service life


High Torque
Light Weight


HIW-04218T

BEST CHOICE

SUPER DUTY STUBBY 1/2" AIR IMPACT WRENCH

- Extremely compact body with huge output torque for tough nut at confined area
- With Non-slip soft grip and cold insulated handle
- High performance Twin hammer mechanism providing max. torque **750 ft-lbs (1015 Nm)** output in reverse.
- 3-position power setting regulator in forward & 3-position in reverse
- Long service life


High Torque
Light Weight


MODEL	Square Drive inch	Free Speed	Max.Torque ft.lb (Nm)	Overall Length mm	Air Inlet inch	Air Hose I.D inch (mm)	Avg. Air Consumption (L/min)	Noise Level (dBA)	Vibration (M/S ²)	Net Weight KG
HIW-04417J	1/2"	8500	700(950)	104	1/4"	3/8(10)	197	85	2.8	1.4
HIW-04217J	1/2"	8000	700(950)	104	1/4"	3/8(10)	197	85	2.8	1.5

Recommended Air Pressure 90 psi (6.3 bar)

MODEL	Square Drive inch	Free Speed	Max.Torque ft.lb (Nm)	Overall Length mm	Air Inlet inch	Air Hose I.D inch (mm)	Avg. Air Consumption (L/min)	Noise Level (dBA)	Vibration (M/S ²)	Net Weight KG
HIW-04238T	1/2"	9500	650(880)	99	1/4"	3/8(10)	197	85	2.8	1.4
HIW-04218T	1/2"	8000	750(1015)	113	1/4"	3/8(10)	197	85	2.8	1.5

Recommended Air Pressure 90 psi (6.3 bar)

Impact wrench

Cordless Impact Wrench

Ratchet Wrench

Super Quiet Air Tools

0.35HP Air Tool

0.5HP Air Tools

Rust And Paint Remove Tool

1HP Air Die Grinder

Hyd. Air Riveter

Air Cutting Tools

Air Sander

Clean & Foam Gun

Air Micro Grinder

Impact
wrench

Cordless
Impact
Wrench

Ratchet
Wrench

Super Quiet
Air Tools

0.35HP
Air Tool

0.5HP
Air Tools

Rust And Paint
Remove Tool

1HP Air
Die Grinder

Hyd.
Air Riveter

Air Cutting
Tools

Air Sander

Clean & Foam
Gun

Air Micro
Grinder

HIW-04207J

SUPER DUTY MINI 1/2" AIR IMPACT WRENCH

- Extremely short body with huge output torque for tough nut at confined area
- With Non-slip soft grip and cold insulated handle
- High performance jumbo mechanism providing max. torque **500 ft-lbs (680 Nm)** output in reverse.
- 3-position power setting regulator in forward & 3-position in reverse
- Long service life



High
Torque
Light
Weight



HIW-04208T

BEST CHOICE

SUPER DUTY MINI 1/2" AIR IMPACT WRENCH

- Extremely short body with huge output torque for tough nut at confined area
- With Non-slip soft grip and cold insulated handle
- High performance Twin hammer mechanism providing max. torque **500 ft-lbs (680 Nm)** output in reverse.
- 3-position power setting regulator in forward & 3-position in reverse
- Long service life



High
Torque
Light
Weight



HIW-04461T

SUPER DUTY 1/2" AIR IMPACT WRENCH

- Extremely short body with huge output torque for tough nut at confined area
- With Non-slip soft grip and cold insulated handle
- High performance Twin hammer mechanism providing max. torque **800Ft-lbs (1080Nm)** output in reverse.
- 3-position power setting regulator in forward & 3-position in reverse
- Long service life



MODEL	Square Drive inch	Free Speed RPM	Max.Torque ft.lb (Nm)	Overall Length mm	Air Inlet inch	Air Hose I.D inch (mm)	Avg. Air Consumption (L/min)	Noise Level (dBA)	Vibration (M/S ²)	Net Weight KG
HIW-04207J	1/2"	11000	500(680)	99	1/4"	3/8(10)	197	94	2.8	1.4
HIW-04208T	1/2"	11000	500(680)	108	1/4"	3/8(10)	197	95	3.1	1.4
HIW-04461T	1/2"	7500	800(1080)	164	1/4"	3/8(10)	228.4	87	4.5	2.48

Recommended Air Pressure 90 psi (6.3 bar)

HIW-04480T

BEST CHOICE

SUPER DUTY HIGH TORQUE 1/2" AIR IMPACT WRENCH

- Extremely compact body with huge output torque for tough nut at confined area
- With Non-slip soft grip and cold insulated handle
- High performance Twin hammer mechanism providing max. torque **1100 ft-lbs (1485 Nm)** output in reverse.
- 3-position power setting regulator in forward & 3-position in reverse
- Long service life



High
Torque
Light
Weight



Revolutionary !
1485 Nm, 1.8 kg



HIW-06464T

BEST CHOICE

SUPER DUTY MINI 3/4" AIR IMPACT WRENCH

- Extremely Compact body with huge output torque for tough nut at confined area
- With Non-slip soft grip and cold insulated handle
- High performance Twin hammer mechanism providing max. torque **1100 ft-lbs (1491 Nm)** output in reverse.
- 3-position power setting regulator in forward & 3-position in reverse
- Long service life



High
Torque
Light
Weight



1491 Nm, 2.64 kg



HIW-06603T

SUPER DUTY 3/4" AIR IMPACT WRENCH

- With Non-slip soft grip and cold insulated handle
- High performance Twin hammer mechanism providing max. torque **1400 ft-lbs (1890 Nm)** output in reverse.
- 3-position power setting regulator in forward & 3-position in reverse
- Long service life



MODEL	Square Drive inch	Free Speed RPM	Max.Torque ft.lb (Nm)	Overall Length mm	Air Inlet inch	Air Hose I.D inch (mm)	Avg. Air Consumption (L/min)	Noise Level (dBA)	Vibration (M/S ²)	Net Weight KG
HIW-04480T	1/2"	9000	1100(1485)	141	1/4"	3/8(10)	199	94	2.8	1.8
HIW-06464T	3/4"	7200	1100(1491)	177	1/4"	3/8(10)	199	87	4.5	2.64
HIW-06603T	3/4"	4500	1400(1890)	215	3/8"	3/8(10)	318.6	97	6.1	5

Recommended Air Pressure 90 psi (6.3 bar)

Impact
wrench

Cordless
Impact
Wrench

Ratchet
Wrench

Super Quiet
Air Tools

0.35HP
Air Tool

0.5HP
Air Tools

Rust And Paint
Remove Tool

1HP Air
Die Grinder

Hyd.
Air Riveter

Air Cutting
Tools

Air Sander

Clean & Foam
Gun

Air Micro
Grinder

Impact
wrench

 Cordless
Impact
Wrench

 Ratchet
Wrench

 Super Quiet
Air Tools

 0.35HP
Air Tool

 0.5HP
Air Tools

 Rust And Paint
Remove Tool

 1HP Air
Die Grinder

 Hyd.
Air Riveter

 Air Cutting
Tools

Air Sander

 Clean & Foam
Gun

 Air Mirco
Grinder

HIW-08880T

SUPER DUTY PISTOL 1" AIR IMPACT WRENCH

- With Side Handle for comfort operation
- With Non-slip soft grip and cold insulated handle
- High performance Twin hammer mechanism providing max. torque **1800 ft-lbs (2440 Nm)** output in reverse.
- 3-position power setting regulator in forward & 3-position in reverse
- Long service life



HIW-04612J

SUPER DUTY MINI 1/2" AIR IMPACT WRENCH

Features:

- Extremely short body with huge output torque for tough nut at confined area
- Reinforced Aluminum housing and alloy steel front bushing combine to produce a great control
- Refined Jumbo hammer impact mechanism providing max. torque **677 NM** output in reverse
- 3-position power setting regulator in forward & 3-position in reverse
- Patented forward/reverse switch that shift left-hand operation to right-hand operation within seconds
- Tease trigger provides variable speed control



Patented F/R switch that shift right-hand operation to left-hand operation within seconds

HIW-14108NK

1/4" TORQUE LIMITING AIR IMPACT WRENCH KIT

 Square drive 1/4"
11000 RPM
Torque Setting:

Speed 1 = 20 Nm Speed 2 = 30 Nm Speed 3 = 40 Nm Speed 4 = 45 Nm

Avg. Air Cons.: 150 l/min

Air inlet 1/4" / Air hose size : 3/8"

Working pressure: 90 psi (6.3 bar)

Contents:

1 PC 1/4" TORQUE LIMITING IMPACT WRENCH

1 PC 1/4"DR. X 4" L EXTENSION BAR

1 PC 1/4"DR. X 2" L EXTENSION BAR

1 PC 1/4"DR. UNIVERSAL JOINT

5 PCS 1/4"DR. DEEP IMPACT SOCKET 8,9,10,11,12 mm

Metal CASE


 Metal
Box


MODEL	Square Drive inch	Free Speed RPM	Max.Torque ft.lb (Nm)	Overall Length mm	Air Inlet inch	Air Hose I.D inch (mm)	Avg. Air Consumption (L/min)	Noise Level (dBA)	Vibration (M/S ²)	Net Weight KG
HIW-08880T	1"	4500	1800(2440)	240	3/8"	3/8(10)	318.6	97	6.1	5.50
HIW-04612J	1/2"	11000	500(680)	109	1/4"	3/8(10)	134	95	14	1.3
HIW-14108NK	1/4"	11000	37(50)	130	1/4"	3/8(10)	150	93	5.6	0.8

Recommended Air Pressure 90 psi (6.3 bar)

HCIM-12350

PRO. 18 V DUAL- FUNCTION CORDLESS IMPACT DRIVER & IMPACT WRENCH 1/4" INTERNAL HEXAGON AND 1/2" EXTERNAL SQUARE

- 1/2"Dr. 18V impact wrench & 1/4" Hex Driver
- 18 Volt, 4.0Ah Li-ION (for long time works)
- 55minutes charger(CE)
- Max torque: 380Nm
- No- load speed: 0~2500rpm.



Max. 380 Nm

HCIM-12800

BEST CHOICE

PRO. 18V 1/2" DR. HIGH TORQUE CORDLESS IMPACT WRENCH

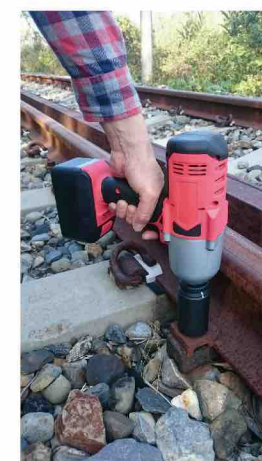
- Square drive: 1/2"Dr.
- Bolt Capacity: 16 mm
- Voltage : 18V, 4.0 Ah (CE approval)
- 100 - 240 V~ 50/60 Hz
- Working torque: 850 Nm
- Max torque : 800 Nm
- No load speed : 0~1800 rpm.


 HIGH TORQUE
Max. 850 Nm

HCIM-61800

PRO. 20V 3/4" DR. HIGH TORQUE CORDLESS IMPACT WRENCH

- Square drive: 3/4"Drive
- Bolt Capacity: 28 mm
- 2300 impact / min
- Voltage : 20V, 4.0 Ah (CE approval)
- 100 - 240 V~ 50/60 Hz
- Working torque: 1200 Nm (5 Sec.)
- Max torque : 1800 Nm
- No load speed : 0~1700 rpm.


 HIGH TORQUE
Max. 1800 Nm

 Impact
wrench

 Cordless
Impact
Wrench

 Ratchet
Wrench

 Super Quiet
Air Tools

 0.35HP
Air Tool

 0.5HP
Air Tools

 Rust And Paint
Remove Tool

 1HP Air
Die Grinder

 Hyd.
Air Riveter

 Air Cutting
Tools

Air Sander

 Clean & Foam
Gun

 Air Mirco
Grinder

HRW-02604 (1/4") HRW-03603 (3/8")

MINI AIR RATCHET WRENCH

Features

- This compact / mini 1/4" Air Ratchet Wrench is only 125 mm long, making it ideal for tight work spaces like under dashboards or in engine bays.
- It features a maximum torque of **30 Nm**
- The cast aluminum body makes the air ratchet wrench lightweight and durable.
- Cold-insulated handle grip



HRW-03603S (3/8")

MINI AIR RATCHET WRENCH WITH DUAL-FUNCTION SCREWDRIVER BIT RETAINER

Features

- This compact air ratchet handles with 1/4" Bit driver for a wide range of projects from removing automotive fasteners to assembly work.
- The air ratchet wrench has a four-vane reversible motor with planetary gear reduction for a maximum torque of **30 Nm**
- The cast aluminum body makes the air ratchet wrench lightweight and durable.
- Cold-insulated handle grip and low vibration



HRW-14602 (1/4") HRW-38601 (3/8")

STUBBY AIR RATCHET WRENCH

Features

- This air ratchet handles a wide range of projects from removing automotive fasteners to assembly work.
- The air ratchet wrench has a four-vane reversible motor with planetary gear reduction for a maximum torque of **35 Nm**
- Cold-insulated handle grip and low vibration



HRW-38700 (3/8") HRW-12705 (1/2")

0.5 HP HEAVY DUTY AIR RATCHET WRENCH

Features

- Rugged, variable speed, reversible air ratchet wrench
- Paddle-style trigger provides better speed control and the polyurethane handle grip helps maintain temperature and insulate vibration
- Unique ratchet head design insures the wrench free of failure.

HRW-14206 (1/4") 27 Nm HRW-38306 (3/8") 54 Nm

SUPER DUTY MINI AIR RATCHET WRENCH

Features

- Delivers 200 rpm free speed with **20 ft-lb (27 Nm)** max torque
- Mini size - only 0.50 kg and 135 mm in length
- Head-sealed and full caged design prolongs tool service life
- Compact and lightweight
- Design for long working duration and limited space applications



HRW-14223P (1/4") HRW-38323P (3/8")

SUPER DUTY AIR IMPACT RATCHET WRENCH

Features

- Equipped with the Unicorn™ Hammer clutch with reduced reaction force offering three times the work efficiency of the ordinary ratchets
- Max torque of **50 ft-lb (68 Nm)** with 700 rpm free speed Compact and Lightweight
- Ergonomic design for use in restricted spaces with optimized comfort



HRW-38317 (3/8") HRW-12417 (1/2")

SUPER DUTY AIR RATCHET WRENCH

Features

- Max torque **80 ft-lb (108 Nm)** with free speed at 280 rpm
- Head-sealed and dual pawl ratchet design strengthens the torque output and extends tool life
- Popular for automotive garage work
- Exceptional performance ensures max productivity
- Textured rubber grip avoids slippage



HRW-12974 (1/2") HIGH TORQUE Max. 180 Ft-lbs

0.9 HP HI-TORQUE 1/2" COMPOSITE AIR RATCHET WRENCH

Features

- Extended length with the hi-torque **180 ft-lbs (245 Nm)**, which provides the fastest rundown speed to remove any stubborn fasteners in a narrow working area
- Ergonomic and advanced composite housing for easy operation and anti-cold
- Built-in Speed regulator for easy adjustment



MODEL	Square Drive inch	Free Speed RPM	Max.Torque ft.lb (Nm)	Overall Length mm	Air Inlet inch	HOSE Air Hose I.D. inch (mm)	Avg. Air Consumption (L/min)	Noise Level (dBA)	Vibration (M/S ²)	Net Weight KG
HRW-02604/03603	1/4 & 3/8	300	22 (30)	125	1/4	3/8(10)	130	85	2.5	0.45
HRW-03603S	3/8	300	22 (30)	125	1/4	3/8(10)	165	85	2.5	0.45
HRW-14602/38601	1/4 & 3/8	170	25 (35)	165	1/4	3/8(10)	180	89	3.3	0.50
HRW-38700/12705	3/8 & 1/2	175	50 (68)	265	1/4	3/8(10)	165	82	12.8/11	1.2

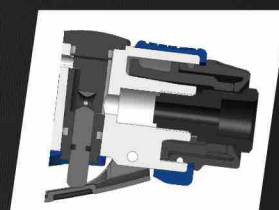
Recommended Air Pressure 90 psi (6.3 bar)

MODEL	Square Drive inch	Free Speed RPM	Max.Torque ft.lb (Nm)	Overall Length mm	Air Inlet inch	HOSE Air Hose I.D. inch (mm)	Avg. Air Consumption (L/min)	Noise Level (dBA)	Vibration (M/S ²)	Net Weight KG
HRW-14206/38306P	1/4 & 3/8	200/300	20(27) / 40(54)	135	1/4	3/8(10)	103	86/93	2.55/5.77	0.50
HRW-14223P/38323P	1/4 & 3/8	700	50(68)	164	1/4	3/8(10)	88	90.6/89.6	8.6/13.7	0.60
HRW-38317/12417	3/8 & 1/2	280	80(108)	260	1/4	3/8(10)	113	98.8/97.6	6.84/11	1.24
HRW-12974	1/2	340	180(245)	318	1/4	3/8(10)	4/112	90	6.84	1.30

Recommended Air Pressure 90 psi (6.3 bar)

Super Quiet Air Die Grinders PAT. Advanced SQ Technology

77 dBA Less



Patented

Features & Benefits

- Workers will benefit from a better quality of life
- Provides a less stressful work environment
- Reduces noise pollution
- Easy to install and maintain
- Low cost solution
- Compact in size
- Connection handle most flows without reducing RPM

NOTE:
SQ Super Quiet silencer devices can be installed to every HSUTECH family-look 0.35 HP / 0.5 HP / 1 HP series air tools,
Please contact HSUTECH now for further information.

HAD-SQ35120

0.35 HP SUPER QUIET MINI AIR DIE GRINDER

- Lightweight, handy device for grinding, polishing, burnishing and deburring
- Straight design
- Twin Bearing Spindle design provides Spindle concentricity less than 0.05 mm
- Continuous speed regulation via setting wheel on the upper side of the device
- 360° exhaust (adjustable)
- Cold insulated handle



HAD-SQ35120L

0.35 HP SUPER QUIET MINI 5" EXTENSION AIR DIE GRINDER

- Lightweight, handy device for grinding, polishing, burnishing and deburring
- Straight design
- Twin Bearing Spindle design provides Spindle concentricity less than 0.05 mm
- Continuous speed regulation via setting wheel on the upper side of the device
- 360° exhaust (adjustable)
- Cold insulated handle



MODEL	COLLET SIZE INCH(mm)	Free Speed RPM	Overall Length mm	AIR INLET INCH	HOSE Air Hose I.D. inch (mm)	Avg. Air Consumption (L/min)	Vibration (M/S ²)	Noise Level (dBA)	Net Weight KG
HAD-SQ35120	1/4 (6)	25000	155	1/4	3/8 (10)	76	0.4	77	0.4
HAD-SQ35120L	1/4 (6)	25000	259	1/4	3/8 (10)	76	0.4	77	0.7

Recommended Air Pressure 90 psi (6.3 bar)

HAD-SQ35125

0.35 HP SUPER QUIET MINI AIR ANGLE DIE GRINDER

- Angle head design for grinding, polishing, burnishing, and deburring, particularly for the areas that is difficult to access
- Twin Bearing Spindle design provides Spindle concentricity less than 0.05 mm
- Continuous speed regulation via setting wheel on the upper side of the device
- 360° exhaust (adjustable)
- Cold insulated handle



HAD-SQ50200

0.5 HP SUPER QUIET AIR DIE GRINDER

- Powerful 0.5 HP motor for extra torque which is great for grinding, polishing, burnishing and deburring applications.
- Straight design
- Twin Bearing Spindle design provides Spindle concentricity less than 0.05 mm
- Postive stop Hi-Low regulator for more versatile performance on all kinds of jobs
- Two Tone Ergonomic Cushion Grip for Cold insulated and low vibration
- Super comfortable safety lever throttle to prevent accidental start up



HAD-SQ50200L

0.5 HP SUPER QUIET 5" EXTENDED AIR DIE GRINDER

- Powerful 0.5 HP motor for extra torque which is great for grinding, polishing, burnishing and deburring applications.
- 5" extension arbor designed perfect for hard-to-reach area
- Twin Bearing Spindle design provides Spindle concentricity less than 0.05 mm
- Postive stop Hi-Low regulator for more versatile performance on all kinds of jobs
- Two Tone Ergonomic Cushion Grip for Cold insulated and low vibration
- Super comfortable safety lever throttle to prevent accidental start up



HAD-SQ50210

0.5 HP SUPER QUIET AIR ANGLE DIE GRINDER

- Angle head design for grinding, polishing, burnishing, and deburring, particularly for the areas that is difficult to access
- Twin Bearing Spindle design provides Spindle concentricity less than 0.05 mm
- Postive stop Hi-Low regulator for more versatile performance on all kinds of jobs
- Two Tone Ergonomic Cushion Grip for Cold insulated and low vibration
- Super comfortable safety lever throttle to prevent accidental start up



MODEL	COLLET SIZE INCH(mm)	Free Speed RPM	Overall Length mm	AIR INLET INCH	HOSE Air Hose I.D. inch (mm)	Avg. Air Consumption (L/min)	Vibration (M/S ²)	Noise Level (dBA)	Net Weight KG
HAD-SQ35125	1/4 (6)	20000	155	1/4	3/8 (10)	76	0.4	77	0.5
HAD-SQ50200	1/4 (6)	22000	180	1/4	3/8 (10)	87	0.5	77	0.6
HAD-SQ50200L	1/4 (6)	22000	285	1/4	3/8 (10)	87	0.5	77	0.8
HAD-SQ50210	1/4 (6)	18000	180	1/4	3/8 (10)	87	0.6	77	0.8

Recommended Air Pressure 90 psi (6.3 bar)

0.35 HP FAMILY LOOK MINI AIR TOOLS HANDY, POWERFUL, MAX. CONTROL

Twin Bearing Spindle design provides super precise spindle and reduces vibration level

Ergonomic Cushion-Grip Handle design for extra on the job comfort Absorbs tool vibrations and protects your hand from the cold

Spindle Concentricity < 0.05 mm keeping all rotation components on the same centerline for reduced run-out and have lower vibration levels

Positive Stop regulator for more versatile performance on all kinds of jobs.

Swivel Exhaust

Super comfortable safety lever throttle to prevent accidental start ups.

High Performance efficient 0.35 HP motor for extra torque, and extended durability.

HAD-35125

MINI AIR ANGLE DIE GRINDER

- Angle head design for grinding, polishing, burnishing, and deburring, particularly for the areas that is difficult to access

HAD-35115

115 DEGREE OFF-SET MINI AIR ANGLE DIE GRINDER

- 115 degree Air Angle Die Grinder is perfect for reaching tight or angled grinding jobs that inline die grinders just won't reach.
- The 115 degree offset head provides a more ergonomic grinding positionis.
- Ergonomically 115° offset head designed to the correct angle for proper wrist alignment and for sanding and grinding intricate shapes in cramped area.

MODEL	COLLET SIZE INCH(mm)	Free Speed RPM	Overall Length mm	AIR INLET INCH	Air Hose I.D inch (mm)	Avg. Air Consumption (L/min)	Vibration (M/S ²)	Noise Level (dBA)	Net Weight KG
HAD-35125	1/4 (6)	20000	155	1/4	3/8 (10)	76	0.4	85	0.5
HAD-35115	1/4 (6)	20000	178	1/4	3/8 (10)	76	0.4	85	0.5

Recommended Air Pressure 90 psi (6.3 bar)

HAD-35120

MINI AIR DIE GRINDER

Features:

- Ergonomic cushion-grip handle insulate against cold temperature in the hand, helps ease user fatigue, and insulate against vibration
- Postive -Stop regulator for Power / Speed control and for easy RPM adjustable. Help to more versatile performance on all kind of job
- The rear swivel 360° exhaust (adjustable) - directs the air exhaust away from the user and working area
- Twin bearing spindle design to provide super precise spindle concentricity less than 0.05 mm and minimal vibration
- Enhanced Grip Design & Low-profile Throttle Lever provides for extended run time without fatigue
- Rated 0.35 HP Powerful Air Motor delivers the power you need for the toughest jobs

HAD-351208

LOW SPEED MINI AIR DIE GRINDER

- Effective on cast parts of aluminum, bronze and brass.
- An ideal tool for Precision Deburring and Finishing on a Variety of Surfaces.
- Providing higher torque with 7600 rpm effective on cast parts of aluminum, bronze and brass. Quickly and efficiently removes gates and parting lines in cast parts..

HAD-35120AL

3" EXTENSION MINI AIR DIE GRINDER

- Extended Shank Straight Die Grinder features a comfortable feather trigger for excellent speed control. Ergonomically designed composite housing is mated to an extended head to reach into tight spots.
- ideal for porting, weld breaking and smoothing sharp edges, as well as deburring, polishing and grinding applications.
- 25,000 RPM with variable speed control, a sturdy aluminum housing, rear exhaust and more.

HAD-35120L

5" EXTENSION MINI AIR DIE GRINDER

- Extended Shank Straight Die Grinder features a comfortable feather trigger for excellent speed control.
- Ergonomically designed composite housing is mated to an extended head to reach into tight spots.
- ideal for porting, weld breaking and smoothing sharp edges, as well as deburring, polishing and grinding applications.
- 25,000 RPM with variable speed control, a sturdy aluminum housing, rear exhaust and more.

MODEL	COLLET SIZE INCH(mm)	Free Speed RPM	Overall Length mm	AIR INLET INCH	HOSE Air Hose I.D inch (mm)	Avg. Air Consumption (L/min)	Vibration (M/S ²)	Noise Level (dBA)	Net Weight KG
HAD-35120	1/4 (6)	25000	155	1/4	3/8 (10)	76	0.4	85	0.4
HAD-351208	1/4 (6)	7600	185	1/4	3/8 (10)	76	0.4	85	0.5
HAD-35120AL	1/4 (6)	25000	220	1/4	3/8 (10)	76	0.4	85	0.5
HAD-35120L	1/4 (6)	25000	259	1/4	3/8 (10)	76	0.4	85	0.7

Recommended Air Pressure 90 psi (6.3 bar)

HAG-35121

2" MINI AIR ANGLE GRINDER

- Ideal for grinding work in confined areas.
- Features rear exhaust with baffle for reduced noise level and safety throttle lever to stop accidental operation.
- Suitable for professional workshop use.



HCT-35122

3" MINI AIR ANGLE CUTTER

- Ideal for cutting work in confined areas.
- Features rear exhaust with baffle for reduced noise level and safety throttle lever to stop accidental operation.
- Suitable for professional workshop use.



HAS-D35231

2" MINI AIR ANGLE SANDER

- 90° Air Mini Die Grinder features an angle head for working in confined spaces
- The 13,000 RPM free speed angle sander with its lightweight for all types of sanding in confined areas



HAS-35131

MINI SPOT REPAIR SANDER

- 2 mm orbital head for ultra-fine sanding and polishing.
- The combined spindle-counter balance reduces vibration levels to 1.8m/sec. and adds reliability.
- Precision alloy steel spiral-bevel gears extend tool life.
- The internal silencing system reduces noise levels to 82dB and the composite grip adds operator comfort.
- Ideal for professional auto techs.
- The compact design and multiple attachments make this tool ideal for quick spot repair, polishing and refinishing.



Orbital Dia. 2mm

2" Triangle velcro 1.2" velcro

MODEL	Wheel / Pad INCH	Free Speed RPM	Overall Length mm	AIR INLET INCH	Air Hose I.D inch (mm)	Avg. Air Consumption (L/min)	Noise Level (dBA)	Vibration (M/S ²)	Net Weight KG
HAG-35121	2"	15000	160	1/4	3/8(10)	76	85	0.6	0.6
HCT-35122	3"	15000	160	1/4	3/8(10)	76	85	0.6	0.7
HAS-D35231	2"	13000	155	1/4	3/8(10)	76	86	0.6	0.8
HAS-35131	2"	13000	155	1/4	3/8(10)	76	82	0.8	0.5

Recommended Air Pressure 90 psi (6.3 bar)

0.5HP LOW NOISE FAMILY LOOK AIR TOOLS

Twin Bearing Spindle design provides super precise spindle and reduces vibration level

Spindle Concentricity < 0.05 mm keeping all rotation components on the same centerline for reduced run-out and have lower vibration levels



Super comfortable safety lever throttle to prevent accidental start ups.

Two-Tone Ergonomic Cushion-Grip Handle design for extra on the job comfort Absorbs tool vibrations and protects your hand from the cold



Positive Stop regulator for more versatile performance on all kinds of jobs.



High Performance efficient 0.5 HP motor for extra torque, and extended durability.

Patented Low Noise Technology reduce the noise level to 80 dBA only rear air exhaust direct exhaust air away from workpiece.



HAD-50210

90 DEGREE RIGHT ANGLE HEAD AIR DIE GRINDER

- Ideal for high speed porting, blending and deburring
- Right angle head permits easy access to tight spots



Abrasive capacity: Carbide burs, rotary files, mounted points, wheels and disc



HAD-502115

115 DEGREE OFFSET AIR DIE GRINDER

- Ergonomically 115 degree offset designed to the correct angle for proper wrist alignment and for sanding and grinding intricate shapes in cramped area.

Abrasive capacity: Carbide burs, rotary files, mounted points, wheels and disc.

MODEL	COLLET SIZE INCH(mm)	Motor Hp (W)	Free Speed RPM	Overall Length mm	Air Inlet inch	Air Hose I.D inch (mm)	Avg. Air Consumption (L/min)	Noise Level (dBA)	Vibration (M/S ²)	Net Weight KG
HAD-50210	1/4(6)	0.5(373)	18000	7.1(180)	1/4"	3/8"(10)	87	82	0.6	0.7
HAD-502115	1/4(6)	0.5(373)	18000	7.1(180)	1/4"	3/8"(10)	87	82	0.6	0.7

Recommended Air Pressure 90 psi (6.3 bar)

Impact wrench

Cordless Impact Wrench

Ratchet Wrench

Super Quiet Air Tools

0.35HP Air Tool

0.5HP Air Tools

Rust And Paint Remove Tool

1HP Air Die Grinder

Hyd. Air Riveter

Air Cutting Tools

Air Sander

Clean & Foam Gun

Air Mirco Grinder

Impact wrench

Cordless Impact Wrench

Ratchet Wrench

Super Quiet Air Tools

0.35HP Air Tool

0.5HP Air Tools

Rust And Paint Remove Tool

1HP Air Die Grinder

Hyd. Air Riveter

Air Cutting Tools

Air Sander

Clean & Foam Gun

Air Mirco Grinder



HAD-50200

LOW NOISE STRAIGHT-LINE AIR DIE GRINDER

- Most comfort cushioned die grinder perfect for delicate finishing work
- Can be used in various applications including porting, welding braking, deburring, polishing and grinding

Abrasive capacity:
Carbide burs, rotary files, mounted points, wheels and disc

HAD-50200AL

LOW NOISE 3"EXTENDED ARBOR AIR DIE GRINDER

- 3" Extension die grinder designed perfect for hard- to- reach area

Abrasive capacity:
Carbide burs, rotary files, mounted points, wheels and disc

HAD-50200L

LOW NOISE 5"EXTENDED ARBOR AIR DIE GRINDER

- 5" Extension die grinder designed perfect for hard- to- reach area

Abrasive capacity:
Carbide burs, rotary files, mounted points, wheels and disc

HAD-50265

LOW NOISE. LOW SPEED AIR DIE GRINDER

- Planetary geared low speed 3600 rpm provides extra high torque
- High torque and low speed make the tool idea for tire buffing or pinstripe removal
- Great for using grinding wheels and flap wheels with surface conditioning materials

HAD-50265L

LOW NOISE, LOW SPEED EXTENSION AIR DIE GRINDER

- Planetary geared low speed 3600 rpm provides extra high torque
- High torque and low speed make the tool idea for tire buffing or pinstripe removal
- Great for using grinding wheels and flap wheels with surface conditioning material

MODEL	COLLET SIZE INCH(mm)	Motro Hp (W)	Free Speed RPM	Overall Length mm	Air Inlet inch	Air Hose I.D inch (mm)	Avg. Air Consumption (L/min)	Noise Level (dBA)	Vibration (M/S ²)	Net Weight KG
HAD-50200	1/4(6)	0.5(373)	22000	7.1(180)	1/4"NPT	3/8"(10)	87	81	0.6	0.68
HAD-50200AL	1/4(6)	0.5(373)	22000	9.5(240)	1/4"NPT	3/8"(10)	92	79	0.6	0.7
HAD-50200L	1/4(6)	0.5(373)	22000	11(280)	1/4"NPT	3/8"(10)	92	80	0.6	0.76
HAD-50265	1/4(6)	0.5(373)	3600	7.8(200)	1/4"NPT	3/8"(10)	87	78	0.6	0.7
HAD-50265L	1/4(6)	0.5(373)	3600	12(305)	1/4"NPT	3/8"(10)	87	79	0.6	1.0

Recommended Air Pressure 90 psi (6.3 bar)



HRW-38700

LOW NOISE 3/8" AIR RATCHET WRENCH

- Great for efficient fasten the screw to prevent too tightly and damage even in narrow space
- Two-Tone Ergonomic Cushion -Grip Handle design for extra on the job comfort, Absorbs tool vibrations and protects your hand from the cold
- Positive stop regulator for more versatile performance on all kinds of jobs

HRW-12705

LOWNOISE 1/2" AIR RATCHET WRENCH

- Great for efficient fasten the screw to prevent too tightly and damage even in narrow space
- Two-Tone Ergonomic Cushion -Grip Handle design for extra on the job comfort, Absorbs tool vibrations and protects your hand from the cold
- Positive stop regulator for more versatile performance on all kinds of jobs

MODEL	Square Drive inch (mm)	Max. Torque ft-lbs(Nm)	Motro Hp (W)	Free Speed RPM	Overall Length mm	Air Inlet inch	Air Hose I.D inch (mm)	Avg. Air Consumption (L/min)	Noise Level (dBA)	Vibration (M/S ²)	Net Weight KG
HRW-38700	3/8"(9.5)	50(67)	0.5(373)	175	10.6(270)	1/4"	3/8"(10)	87	79	0.6	3.0(1.35)
HRW-12705	1/2"(12.7)	50(67)	0.5(373)	175	10.6(270)	1/4"	3/8"(10)	87	79	0.6	3.0(1.35)

Recommended Air Pressure 90 psi (6.3 bar)



HAS-D50321A

LOW NOISE 3" ANGLE DISC SANDER

- 15000 rpm great for using 2" (51 mm) or 3" (76 mm) Locking type Pad for all typs of sanding on small areas

HAS-D50232

3" ORBITAL SANDER / POLISHER

- Idea for head lamp, windshied, small area repair and finish jobs

MODEL	Spindle Thread INCH(mm)	Pad SIZE INCH(mm)	Motro Hp (W)	Free Speed RPM	Overall Length mm	Air Inlet inch	Air Hose I.D inch (mm)	Avg. Air Consumption (L/min)	Noise Level (dBA)	Vibration (M/S ²)	Net Weight KG
HAS-D50231A	3/8"-24	2"-3"(51-76)	0.5(373)	15000	7.87(200)	1/4"	3/8"(10)	87	80	0.6	0.68
HAS-D50232	14"-20	3"(76)	0.5(373)	15000	7.2(185)	1/4"	3/8"(10)	100.8	80	0.6	0.7

Recommended Air Pressure 90 psi (6.3 bar)

Impact wrench

Cordless Impact Wrench

Ratchet Wrench

Super Quiet Air Tools

0.35HP Air Tool

0.5HP Air Tools

Rust And Paint Remove Tool

1HP Air Die Grinder

Hyd. Air Riveter

Air Cutting Tools

Air Sander

Clean & Foam Gun

Air Mirco Grinder

Impact wrench

Cordless Impact Wrench

Ratchet Wrench

Super Quiet Air Tools

0.35HP Air Tool

0.5HP Air Tools

Rust And Paint Remove Tool

1HP Air Die Grinder

Hyd. Air Riveter

Air Cutting Tools

Air Sander

Clean & Foam Gun

Air Mirco Grinder



HAS-D50227

LOW NOISE 5" AIR ANGLE SANDER / POLISHER

- Aggressive Sanding action is great on metal. for surface preparation and for sanding fiberglass
- Geared 4,000 RPM provides extra high torque, great for all kinds of sanding applications

HAS-D50231L

LOW NOISE 3" EXTENSION AIR ANGLE POLISHER

- Remove dust nibs and scratches on base coat / clear coat paint systems

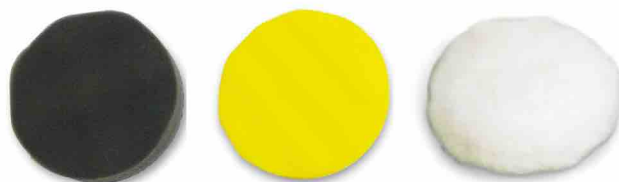
**GEARED
2600 RPM**

MODEL	Spindle Thread INCH(mm)	Pad SIZE INCH(mm)	Motro Hp (W)	Free Speed RPM	Overall Length mm	Air Inlet inch	Air Hose I.D. inch (mm)	Avg. Air Consumption (L/min)	Noise Level (dBA)	Vibration (M/S ²)	Net Weight KG
HD-50200	5/16-24	3"-5(76-127)	0.5(373)	4000	7.87(200)	1/4"	3/8"(10)	100.8	80	0.6	0.9
HD-50231L	5/16-24	3"(76)	0.5(373)	2600	12.1(307)	1/4"	3/8"(10)	100.8	80	0.6	1.2

Recommended Air Pressure 90 psi (6.3 bar)


 26041 3/8"x16NC
BT2749 M16x2
BT22750 M14x2
BT22751 8/5"x11NC
23138 1/4"x20

ADAPTER

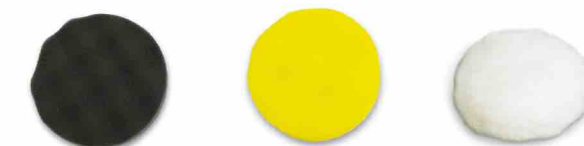

BT1650-05G
5" FINE GRAY
POLISHING PAD

BT1650-05Y
5" COARSE YELLOW
POLISHING PAD

BT1650-05W
5" WOOL WHEEL

210K-9
3"ROLOC PAD

BT0B-38-3V0Y
3" 80g PAD (Hook-up)

BT0B-38-5V0
5" PAD (Hook-up)

BT1650-03G
3" FINE GRAY
POLISHING PAD

BT1650-03Y
3" COARSE YELLOW
POLISHING PAD

BT165-03W
3" WOOL WHEEL

26036-7
4" RUBBER ERASER

BT22748
6" STRIPPING WHEEL


HDR-38245K

LOW NOISE 3/8" NON-REVERSIBLE IN-LINE AIR DRILL

- In-Line Drill is designed for perfect drilling in hard to reach areas
- 2600 rpm Low speed high torque great for drilling, sanding, polishing applications
- Positive stop regulator for more versatile performance on all kinds of jobs
- Equip with 3/8" Keyless chuck

HDR-38265K

LOW NOISE 3/8" NON-REVERSIBLE IN-LINE AIR DRILL

- In-Line Drill is designed for perfect drilling in hard to reach areas
- 3600 rpm Low speed high torque great for drilling, sanding, polishing applications
- Positive stop regulator for more versatile performance on all kinds of jobs
- Equip with 3/8" Keyless chuck

HDR-38225A

LOW NOISE 3/8" 90°RIGHT ANGLE AIR DRILL

- Right angle head design great for drilling inall types materials, including sheet metal, wood and composites in restricted areas
- 2600 rpm Low speed high torque resistance
- Positive stop regulator for more versatile performance on all kinds of jobs

MODEL	Spindle Thread INCH(mm)	Chuck Size INCH(mm)	Motro Hp (W)	Free Speed RPM	Overall Length mm	Air Inlet inch	Air Hose I.D. inch (mm)	Avg. Air Consumption (L/min)	Noise Level (dBA)	Vibration (M/S ²)	Net Weight KG
HDR-38245K	3/8"-24	3/8"(10)	0.5(373)	2600	8.27(210)	1/4"	3/8"(10)	87	79	0.6	0.78
HDR-38265K	3/8"-24	3/8"(10)	0.5(373)	2600	8.27(210)	1/4"	3/8"(10)	87	79	0.6	0.78
HDR-38225K	3/8"-24	3/8"(10)	0.5(373)	2600	7.87(200)	1/4"	3/8"(10)	87	81	0.6	1.05

Recommended Air Pressure 90 psi (6.3 bar)



HTB-50270

LOW NOISE AIR TIRE BUFFER

- 2600 Low speed high torque great for tire buffering jobs
- Hexagonal chuck 11 mm, automatically centering chuck adapter for extremely high power without slipping
- Positive stop regulator for more versatile performance on all kinds of jobs

HAE-50260

LOW NOISE AIR SMART ERASER

- Planetary geared 3600 rpm providing high torque, which is great for remove old letter, stickers, decals or decorative stripes without any damages on the surface
- A special 90mm x 15mm rubber wheel is included

MODEL	Spindle Thread INCH(mm)	Chuck Size INCH(mm)	Motro Hp (W)	Free Speed RPM	Overall Length mm	Air Inlet inch	Air Hose I.D. inch (mm)	Avg. Air Consumption (L/min)	Noise Level (dBA)	Vibration (M/S ²)	Net Weight KG
HTB-50270	3/8"-24	7/16"(11.1)	0.5(373)	2600	8.8(230)	1/4"	3/8"(10)	87	80	0.6	0.8
HAE-50260	1.47(0.67)	N/A	0.5(373)	3600	8.7(220)	1/4"	3/8"(10)	87	80	0.6	0.8

Recommended Air Pressure 90 psi (6.3 bar)

Impact wrench

Cordless Impact Wrench

Ratchet Wrench

Super Quiet Air Tools

0.35HP Air Tool

0.5HP Air Tools

Rust And Paint Remove Tool

1HP Air Die Grinder

Hyd. Air Riveter

Air Cutting Tools

Air Sander

Clean & Foam Gun

Air Mirco Grinder



HAG-50230

LOW NOISE 2" AIR ANGLE GRINDER

- The Angle Grinder features versatile application for grinding, including depressed disc.



HCT-50250

LOW NOISE 3" AIR CUT-OFF TOOL

- Cuts through bolts, shackles and steel rods up to 3/4" diameter.
- Rips through sheet metal with ease.
- Ideal for auto body and muffler repairs.



HCT-N50350

LOW NOISE AIR NIBBLER

- Ideal for cutting up to 18 gauge rolled steel and 14 gauge thin aluminum sheet metal in any configuration.
- Provides a clean, smooth, accurate cut without distortion.
- Cutting capacity 5.5mm in radius with accuracy without distorted edges.



HCT-M50300

LOW NOISE STRAIGHT-LINE AIR METAL SHEAR

- Straight Air Shear is ideal for the trimming, outlining and shearing of various sheet metal.
- Double cut shear easily cuts through 14 gauge mild steel and stainless to 18 gauge without the need to file or deburr.
- Ideal for the tinner, roofer and auto body shop.

MODEL	Grinding Wheel INCH(mm)	Cutting Capacity (mm)	Motor Hp (W)	Free Speed (RPM)	Overall Length (mm)	Air Inlet inch	Air Hose I.D inch (mm)	Avg. Air Consumption (L/min)	Noise Level (dBA)	Vibration (M/S ²)	Net Weight (KG)
HAG-50230	2"(51)	N/A	0.5(373)	15000	7(180)	1/4"	3/8"(10)	87	81	0.6	0.71
HAG-50250	3"(76)	N/A	0.5(373)	21000	7.6(195)	1/4"	3/8"(10)	92	80	0.6	0.73
HCT-N50350	N/A	1.2 1.6	0.5(373)	2600	7.28(185)	1/4"	3/8"(10)	92	80	0.6	1.1
HCT-M50300	N/A	1.2 1.6	0.5(373)	2600	9.84(250)	1/4"	3/8"(10)	92	80	0.6	1.25

Recommended Air Pressure 90 psi (6.3 bar)

HMSR-280K

PROFESSIONAL 4" RUST AND PAINT REMOVAL TOOL KIT

Features:

- Rated 0.5 Hp powerful air motor
- Innovative 180 degree rotational handle for precise leverage and control
- Unique double side safety guards and integrated dust extraction system for safe and clean operation
- Planetary gear system is to reinforce the high torque
- Ergonomic cushion grip insulates against cold and vibration
- Swivel exhaust outlet in rear of tool allows easy operation
- Paddle style trigger for precise speed control
- Increase the baffle and prevent hands from being injured

H-E04

4" Eraser Wheel



H-WW07

 Wire Wheel (Coarse)
 Wire Dia. : 0.7 mm
 Wheel Dia. : 4" (103 mm)
 Wheel width: 23 mm


H-ADP280

Wire Wheel Adaptor



H-WW05

 Wire Wheel (Medium)
 Wire Dia. : 0.5 mm
 Wheel Dia. : 4" (103 mm)
 Wheel width: 23 mm


H-RS04

Rib & Strip Wheel



H-WWS05

 Wire Wheel (Fine)
 Wire Dia. : 0.5 mm
 Wheel Dia. : 4" (103 mm)
 Wheel width: 23 mm


180° Rotational Handle

Kit

MODEL	Cutting Wheel INCH(mm)	Spindle Thread INCH(mm)	Free Speed (RPM)	Overall Length (mm)	Air Inlet inch	Air Hose I.D inch (mm)	Avg. Air Consumption (L/min)	Noise Level (dBA)	Vibration (M/S ²)	Net Weight (KG)
HMSR-280K	4"	9	4000	300	1/4"	3/8"(10)	88	82	0.6	1.2

Recommended Air Pressure 90 psi (6.3 bar)

HMSR-2943

1 HP 4" EXTENDED AIR AXIAL RUST AND PAINT REMOVAL TOOL

Benefit:

- Low Profile head design for quick removal of corrosion rust or paint in tight area
- Extended & extremely low profile gear head permits to working at area that are difficult to reach
- Ideal for surface clean-up work
- Great for removes corrosion rust, sealants, or clean weld seam
- Metallically bright and thorough cleaning of surface
- Comfort Grip easy to Use Safety & Convenient
- Durable & Powerful at 1.0hp

OPTION:

H-WWS11-5

 Wire Wheel (Fine)
 Wire Dia. : 0.5 mm
 Wheel Dia. : 4" (103 mm)
 Wheel width: 0.43"(11mm)


H-WW11-5

 Wire Wheel (Medium)
 Wire Dia. : 0.5 mm
 Wheel Dia. : 4" (103 mm)
 Wheel width: 0.43"(11mm)


H-WW11-7

 Wire Wheel (Coarse)
 Wire Dia. : 0.7 mm
 Wheel Dia. : 4" (103 mm)
 Wheel width: 0.43"(11mm)


H-ADP294

 Wire Wheel Adaptor
 Hub width 0.43"(11mm)

 Low Profile 63mm Head
 to reach narrow space

Spindle Lock

Adjustable

MODEL	Cutting Wheel INCH(mm)	Spindle Thread INCH(mm)	Free Speed (RPM)	Overall Length (mm)	Air Inlet inch	Air Hose I.D inch (mm)	Avg. Air Consumption (L/min)	Noise Level (dBA)	Vibration (M/S ²)	Net Weight (KG)
HMSR-2943	4"	9	3600	370	1/4"	3/8"(10)	101	85	0.8	1.1

Recommended Air Pressure 90 psi (6.3 bar)

1HP SUPER POWER AIR TOOLS

0.9HP and 1 HP air grinders come with 1/4"(6mm) or 3/8"(8mm) with double angle collets for industrial application.

HAD-290

0.9HP AIR DIE GRINDER

- The ST-290 Die Grinder is suitable for many automotive and industrial high speed grinding applications. The grinder can be used to clean dies, rotors, backing plates and brake pad mounts.
- Grind valve seats, dress welds and enlarge holes.
- Can use with 1/4"(6mm) or 1/8"(3mm) grinding accessories.
- Packing: 12PCS / 9 / 9.8kgs / 0.93'



HAD-291

0.9HP AIR ANGLE DIE GRINDER

- The ST-291 Angle Die Grinder is ideal for high speed grinding and polishing.
- It can be used in finishing dies and metal molds, smoothing and cast iron, weld finishing and other high speed polishing application
- Can use with 1/4"(6mm) or 1/8"(3mm) grinding accessories.
- Packing: 12PCS / 11 / 12kgs / 0.93'



HAD-290AL

1HP 3.5" AIR EXTENSION DIE GRINDER

- Extension Die Grinder is designed for high speed grinding and polishing in hard-to-reach areas.
- Features an extended reach of 3.5"
- By using 1/4"(6mm) or 1/8"(3mm) grinding accessories, the grinder can be used in a wide range of grinding and polishing applications.
- Packing: 12PCS / 10.7 / 11.7kgs / 1.1'



HAD-290L

1HP 5.5" AIR EXTENSION DIE GRINDER

- Extension Die Grinder is designed for high speed grinding and polishing in hard-to-reach areas.
- Features an extended reach of 5.5"
- By using 1/4"(6mm) or 1/8"(3mm) grinding accessories, the grinder can be used in a wide range of grinding and polishing applications
- Packing 12PCS / 12 / 13kgs / 1.1'



MODEL	COLLET SIZE INCH(mm)	Free Speed RPM	Overall Length mm	AIR INLET INCH	Air Hose I.D inch (mm)	Avg. Air Consumption (L/min)	Net Weight Lbs kgs	
HAD-290	1/4(6)	23000	7.8(180)	1/4"	3/8"(10)	118	1.4	0.5
HAD-291	1/4(6)	18000	7.8(180)	1/4"	3/8"(10)	118	1.8	0.8
HAD-290AL	1/4(6)	22000	9.4(240)	1/4"	3/8"(10)	118	1.8	0.8
HAD-290L	1/4(6)	22000	11(280)	1/4"	3/8"(10)	118	2	0.9

Recommended Air Pressure 90 psi (6.3 bar)

1 HP 12", 21-3/8", 31-1/2" Air Extension Die Grinder

*The length of extended body can be customize to extended as requirement.

HAD-290L300 (22,000RPM) HAD-290L500 (22,000RPM) HAD-290L800 (22,000RPM)
HAD-2965L300 (3,500RPM) HAD-2965L500 (3,500RPM) HAD-2965L800 (3,500RPM)

200E 29

6mm COLLET

200E 29-1

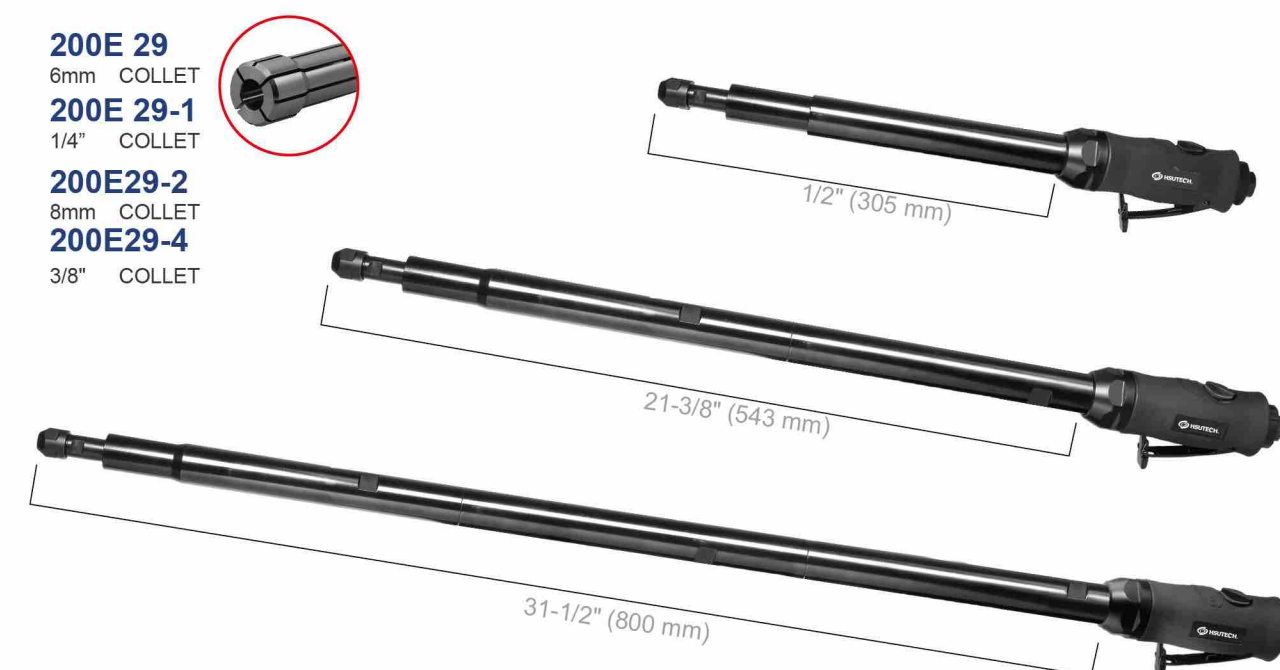
1/4" COLLET

200E29-2

8mm COLLET

200E29-4

3/8" COLLET



Benefits

- Industrial extended shaft long die grinder design for high speed grinding & polishing in hard-to-reach areas.
- By using 1/4"(6mm) or 3/8"(8mm) Double Angle Collets, the die grinder can be used in a wide range of grinding and polishing applications with various wheels.
- 4000rpm models are excellent for grinding applications with flap sanding wheel.
- High productivity.
- Highest durability in demanding applications.

Features

- 12" (305 mm), 21-3/8" (543 mm), 31-1/2" (800 mm) extended body by Aluminum alloy structure.
- Comfort grip over-housing.
- Streamlined safety lever.
- Rear exhaust.
- 1/4" (6mm) & 3/8" (8mm) industrial grade Double Angle collet holder.
- 1.0 hp motor.
- 22,000 rpm free speed models and 3,500 rpm free speed models.

MODEL	COLLET SIZE INCH(mm)	Free Speed RPM	Overall Length mm	AIR INLET INCH	Air Hose I.D inch (mm)	Avg. Air Consumption (L/min)	Net Weight Lbs kgs	
HAD-290L300	1/4(6)	22000	17.5(445)	1/4"	3/8"(10)	120	2.9	1.3
HAD-290L500	1/4(6)	22000	27(688)	1/4"	3/8"(10)	120	3.9	1.8
HAD-290L800	1/4(6)	22000	37.1(943)	1/4"	3/8"(10)	120	4.9	2.2
HAD-2965L300	1/4(6)	3500	18.7(477)	1/4"	3/8"(10)	120	3.5	1.6
HAD-2965L500	1/4(6)	3500	28.3(719)	1/4"	3/8"(10)	120	4.5	2
HAD-2965L800	1/4(6)	3500	38.3(974)	1/4"	3/8"(10)	120	5.5	2.5

Recommended Air Pressure 90 psi (6.3 bar)

Impact wrench

Cordless Impact Wrench

Ratchet Wrench

Super Quiet Air Tools

0.35HP Air Tool

0.5HP Air Tools

Rust And Paint Remove Tool

1HP Air Die Grinder

Hyd. Air Riveter

Air Cutting Tools

Air Sander

Clean & Foam Gun

Air Mirco Grinder



HHR-101 | STANDARD

3/16" AIR-HYDRAULIC RIVETER
Jaw option: 2 or 3 Jaws

HHR-101K | STANDARD

3/16" AIR-HYDRAULIC RIVETER KIT



HHR-103HD | STANDARD

1/4" AIR-HYDRAULIC RIVETER
Jaw option: 2 or 3 Jaws



HHR-01P | INDUSTRIAL, COMPOSITE & VACUUM

3/16" INDUSTRIAL AIR-HYDRAULIC RIVETER
** with Vacuum Function**
3 Jaws (only)



HHR-02P | INDUSTRIAL, COMPOSITE & VACUUM

3/16" INDUSTRIAL AIR-HYDRAULIC RIVETER
** with Vacuum Function**
3 Jaws (only)



HHR-200 | HEAVY DUTY

3/16" AIR-HYDRAULIC RIVETER
** Long Life Design **
3 Jaws (only)



HHR-300 | HEAVY DUTY

1/4" AIR-HYDRAULIC RIVETER
** Long Life Design **
3 Jaws (only)



HHR-03P | INDUSTRIAL, COMPOSITE & VACUUM

1/4" INDUSTRIAL AIR-HYDRAULIC RIVETER
** with Vacuum Function**
3 Jaws (only)



HHR-04P | INDUSTRIAL, COMPOSITE & VACUUM

1/4" INDUSTRIAL AIR-HYDRAULIC RIVETER
** with Vacuum Function**
3 Jaws (only)

MODEL	Traction Power		Blind Rivet Setting Capacity-inch (mm)	Stroke Length	AIR INLET INCH	HOSE Air Hose I.D inch (mm)	Avg. Air Consumption (l/min)		Net Weight		MAX. Rivet Capacity		Packing Pos / CTN / NW / GW / Culf (Kgs)
	Lbs	kgs					cfm	l/min	Lbs	kgs	AL & Steel mm	Stainless mm	
HHR-101	2680	1219	3/32"-3/16" (2.4-4.8mm)	14	1/4"	3/8"	3.5	123	3.3	1.5	4.8	4	10/CTN/18/19/1.85'
HHR-103HD	4166	1894	3/32"-3/16" (2.4-4.8mm)	19	1/4"	3/8"	4.2	148	4.3	2	6.4	5.6	6/CTN/16/17/2'
HHR-200	1960	890	1/8"-3/16" (3.2-4.8mm)	15.5	1/4"	3/8"	3.5	123	3.74	1.7	4.8	4	10/CTN/20.7/21.7/2.58'
HHR-300	3130	1894	5/32"-1/4" (4.0-6.4mm)	18	1/4"	3/8"	4.2	148	4.4	2	6.4	5.6	8/CTN/20.4/21.4/2.28'

Recommended Air Pressure at 90 psi (6.2bar)

MODEL	Traction Power		Blind Rivet Setting Capacity-inch (mm)	Stroke Length	AIR INLET INCH	HOSE Air Hose I.D inch (mm)	Avg. Air Consumption (l/min)		Net Weight		MAX. Rivet Capacity		Packing Pos / CTN / NW / GW / Culf (Kgs)
	Lbs	kgs					cfm	l/min	Lbs	kgs	AL & Steel mm	Stainless mm	
HHR-01P	1346	612	3.2-4.0-4.8mm	14	1/4"	3/8"	Liter/Per Shoot 1.2L		3.74	1.7	4.8	4	3/CTN/6.6/7.6/2.1'
HHR-02P	2097	953	3.2-4.0-4.8mm	17	1/4"	3/8"	2.1L		4.62	2.1	4.8	4.0	3/CTN/7.4/8.4/2.1'
HHR-03P	2895	1316	4.0-4.8-6.4mm	26	1/4"	3/8"	4.3L		5.06	2.3	6.4	4.8	3/CTN/8.3/9.3/2.1'
HHR-04P	4194	1906	4.0-4.8-6.4mm	17	1/4"	3/8"	4.3L		5.06	2.3	6.4	6.4	3/CTN/8.4/9.4/2.1'

Recommended Air Pressure at 90 psi (6.2bar)

Impact wrench

Cordless Impact Wrench

Ratchet Wrench

Super Quiet Air Tools

0.35HP Air Tool

0.5HP Air Tools

Rust And Paint Remove Tool

1HP Air Die Grinder

Hyd. Air Riveter

Air Cutting Tools

Air Sander

Clean & Foam Gun

Air Mirco Grinder



HRN-01 | AUTOMATIC INDUSTRIAL LEVEL

M3~M12 Air Hydraulic Rivet Nut Tools
Capacity: M3,M4, M5, M6,M8,M10, M12
Carry Blow Case

- Operating Pressure : 80 ~ 100psi
- One-Step Trigger
- Spin-on, Pull-up & Spin-off Action
- Hydro-Pneumatic Operation
- Lightweight & ergonomically Design



HRN-02 | SEMI-AUTOMATIC INDUSTRIAL LEVEL

M10 Air Hydraulic Rivet Nut Tools
Capacity: M4,M5,M6,M8,M10

Operating Pressure (PSI):
M4 : 58~65 PSI
M5 : 58~65 PSI
M6 : 80~85 PSI
M8 : 90~95 PSI
M10 : 90~95 PSI



MODEL	Rivet Nut Setting Capacity-inch (mm)	XXX		Blind Rivet Setting Capacity-inch (mm)	Stroke Length	AIR INLET INCH	HOSE Air Hose I.D inch (mm)	Avg. Air Consumption (L/min)		Net Weight		MAX. Rivet Capacity		Packing Pos / CTN / NW / GW / Cwt (Kgs)
		Lbs	kgs					cfm	l/min	Lbs	kgs	AL & Steel	Stainless	
AHRN-01	M3,M4,M5,M6,M8,M10,M12	4565	2075	1/8" ~ 3/16" (3.2 ~ 4.8mm)	6	1/8"	3/8"	1.12	31.8	5.24	2.38	M12	M10	2/CTN/10.7/11.6/2.1'
AHRN-02	M4,M5,M6,M8,M10	2680	1219	5/32" ~ 1/4" (4.0 ~ 6.4mm)	13.7	1/4"	3/8"	3	105	3.59	1.63	M10	M6	10/CTN/18.5/19.5/2.45'

Recommended Air Pressure at 90 psi (6.2bar)

HCT-03252

3" FLEX HEAD REVERSIBLE CUT-OFF TOOL

Features and Benefits:

- Can cut muffler and radiator clamps, bolts, sheet metal, fiberglass and steel rods
- Forward and reverse cutting direction, which can direct sparks away for personal safety
- Built-in adjustable power regulator
- Quick-Lock device for quick adjustable head position



Three-positions flexible head for access to tight work places

MODEL	CUTTING WHEEL SIZE (INCH)	Free Speed R.P.M	SPINDLE THREAD	Overall Length (mm)	Air Inlet inch	Air Hose I.D inch (mm)	Avg. Air Consumption (L/min)	Noise Level (dBA)	Vibration (M/S ²)	Net Weight
HCT-03252	3"	16000	M10X1.5	250	1/4	3/8(10)	3.6(101)	85	0.8	1.0

Recommended Air Pressure at 90 psi (6.2bar)

HCT-29639

1.0 HP SUPER POWER 4" AIR ANGLE CUTTER

- Powerful 1.0 HP air motor great for cutting composite, metal, exhaust pipe, hangers, body panels, hoses and U-bolts.
- Compact & low profile gear housing at 39 mm of height, which easy to reach narrow space
- Composite Ergonomic handle grip to reduce cold air transmission to operator
- Spindle lock system for easier cutting wheel change
- Unique 9 positions adjustable swivel guard-120 degree adjustable for better operator protection & greater visibility of cutting operation
- Built-in Speed regulator for easy adjustment
- Comfortable Safety throttle lever to prevent accidental start up
- Larger bearing size for better support internal gear
- High quality alloy steel for spiral bevel gears with precision teeth design for tool longevity

Spindle Lock



Adjustable



HCT-29439

1.0 HP SUPER POWER 4" EXTENSION AIR ANGLE CUTTER



HCT-25439

0.6 HP 4" EXTENDED REVERSIBLE AIR AXIAL CUTTER

- Powerful 0.6 HP air motor great for cutting composite, metal, exhaust pipe, hangers, body panels, hoses and U-bolts especially in hard-to-reach areas.
- Compact & low profile gear housing at 39 mm of height, which easy to reach narrow space
- Unique Reversible cutting design, which can direct sparks away for personal safety
- Spindle lock system for easier cutting disc replacement
- Positive stop Hi-Low regulator for more versatile performance on all kinds of jobs
- Ergonomic cushion grip for cold insulated and low vibration

Spindle Lock



Adjustable



HCT- 49315

0.9 HP 4" EXTENDED AIR AXIAL CUTTER

- Ideal for separating cross rods and tie rods, supporting ball joints and exhaust pipes
- Combines the advantages of a slim design with the power of traditional cutting tools overall length 375 mm



MODEL	Cutting Wheel INCH(mm)	Spindle Thread INCH(mm)	Free Speed RPM	Overall Length mm	Air Inlet Inch	Air Hose I.D inch (mm)	Avg. Air Consumption (L/min)	Noise Level (dBA)	Vibration (M/S ²)	Net Weight
HCT-29639	4"	M10x1.5	14000	230	1/4"	3/8"(10)	103	87	1.3	1.0
HCT-29439	4"	M10x1.5	14000	345	1/4"	3/8"(10)	103	87	1.3	1.4
HCT-25439	4"	M10x1.5	13000	370	1/4"	3/8"(10)	103	91	1.9	1.45
HCT-49315	4"	M10x1.5	15000	375	1/4"	3/8"(10)	103	96	1.9	1.1

Recommended Air Pressure 90 psi (6.3 bar)

HCT-AV105

VIBRATION- DAMPED MINI AIR BODY SAW

Features and Benefits:

- Patented Vibration Reduced Mechanism
- Light weight and compact design for comfort
- Safety trigger to prevent accidental start ups
- Rear exhaust direct air away from work piece

HCT-BS354

BEST CHOICE

PRO. NON-STOP GEARED AIR BODY SAW

Features and Benefits:

- PAT. Gear-Driven transmitted mechanism providing 200% more cutting capacity than standard air saw
- Unstoppable Cuts upto 5 mm
- 10,500 spm powerful cutting can long-lasting saw blades life
- Innovative safety-lockout trigger design
- Ergonomic comfort rubber grip resistant to automotive fluids

HCT-BS220

SUPER DUTY VIBRATION- DAMPED AIR BODY SAW

Features and Benefits:

- PAT. Gear-Driven transmitted mechanism providing 200% more cutting capacity than standard air saw
- Unstoppable Cuts upto 5 mm
- 5,000 spm powerful cutting can long-lasting saw blades life
- Innovative safety-lockout trigger design
- Ergonomic comfort rubber grip resistant to automotive fluids

HCT-AV14

BEST CHOICE

SUPER DUTY VIBRATION- DAMPED AIR BODY SAW

Features and Benefits:

- 14 mm stroke length design enables to cut extra thicker material
- Patented blade guard to prevent the metal filings from entering the inner mechanism
- Patented Vibration-damped cylinder design for decreasing vibration emission by 40%
- Ergonomic soft TPV grip design brings users comort

OPTION:

HSF-TO14

Swivel



HSF-TO14R

Swivel and regulator



MODEL	Stroke Length mm	Cutting Capacity Steel Plate mm	Stroke Per Min. S.P.M.	Overall Length mm	Air Inlet inch	HOSE Air Hose I.D inch (mm)	Avg. Air Consumption (L/min)	Noise Level (dBA)	Vibration (M/S ²)	Net Weight KG
HCT-AV105	10	3	9500	160	1/4"	3/8"(10)	99	88	2.1	0.4
HCT-BS354	6	3	10500	195	1/4"	3/8"(10)	99	85	2.1	0.56
HCT-BS220	10	5	5000	270	1/4"	3/8"(10)	87.5	80	5.45	0.9
HCT-AV14	14	5	10000	227	1/4"	3/8"(10)	65	89	0.3	0.6

Recommended Air Pressure at 90 psi (6.2bar)

HAS-BS706

BEST CHOICE

PRO. HIGH SPEED COMPOSITE AIR BELT SANDER (10 MM X 330 MM)

Features and Benefits:

- Excellent for paint removal, smoothing and rust removal applications
- High speed 20000 rpm for versatile sanding applications
- Ergonomic comfortable handle design
- Built-in Speed Regulator for easy adjustments
- Quick-Lock device for quick adjustable sanding arm

HAS-BS708

BEST CHOICE

PRO. HIGH SPEED COMPOSITE AIR BELT SANDER (20 MM X 520 MM)



HAS-BS10330

AIR BELT SANDER 10 / 12 X 330 MM

Features & Benefits

- New front roller design is wider and made of rubber which reduces belt wear and provides longer belt life
- Powerful 0.5 HP motor
- Great for spot weld removal
- Simple belt tension lever
- Non-slip handle grip
- Variable speed throttle for full control with free speed of 16,000 RPM
- Includes 3 sanding belts: 40 grit, 60 grit and 80 grit



HAS-BS20520

AIR BELT SANDER 20 X 520 MM

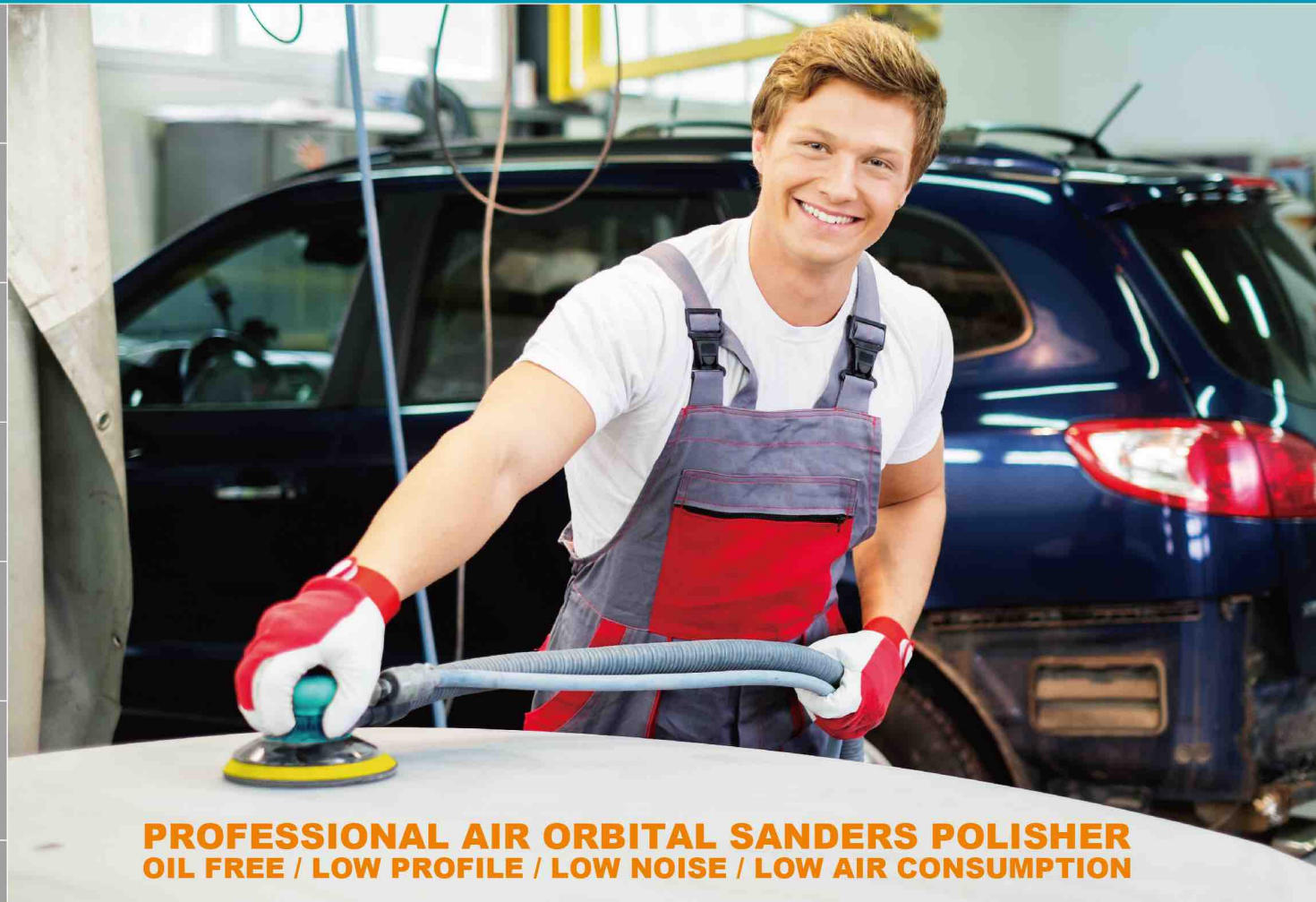
Features & Benefits

- Powerful 0.5 HP motor
- Variable speed throttle for full control with free speed of 16,000 RPM
- Belt protection guard
- Non-slip handle grip
- Increased pulley space for new, thicker belts
- Includes 2 sanding belts: 80 grit and 100 grit



MODEL	Belt Size (mm)	Free Speed RPM	Overall Length mm	AIR INLET INCH	HOSE Air Hose I.D inch (mm)	Avg. Air Consumption (L/min)	Vibration (M/S ²)	Noise Level (dBA)	Net Weight KG
HAD-BS706	10X330	20000	325	1/4	3/8 (10)	112	1.64	82	0.7
HAS-BS708	20X520	20000	425	1/4	3/8 (10)	112	2.8	82	0.85
HAS-BS10330	10X330	16000	320	1/4	3/8 (10)	120	1.64	88	0.95
HAS-BS20520	20X520	16000	430	1/4	3/8 (10)	120	2.8	88	1.4

Recommended Air Pressure 90 psi (6.3 bar)



PROFESSIONAL AIR ORBITAL SANDERS POLISHER
OIL FREE / LOW PROFILE / LOW NOISE / LOW AIR CONSUMPTION

OPTION: Safety throttle lever



Features and Benefits:

- Models 2.5mm (3/32") and 5mm (3/16") orbit options
- Non vacuum, central vacuum and self vacuum options
- 1", 3", 5" and 6" "hook & loop" pad options
- Only 1.6 CFM average air consumption and 6.2 CFM continuous running under load
- Advanced silencing technology reduces noise levels to 80 d(B)A
- Patented double sealed, lubrication free motor prevents dust contamination of the air motor and eliminates the need for oiling
- Orbital sanders feature the "smooth throttle lever design" and "optimized ergonomics low profile" providing unmatched comfort on end-user's hand wrist area and user-friendly for long operating periods
- Patented "anti vibration" motor reduces vibration level to 0.8 m/sec2
- Low weight: Orbital sanders 0.9 kgs
- Low profile: Orbital sanders 93mm high



**Wrist Support
for Max. comfort**

5" & 6" RANDOM ORBITAL SANDER

BEST CHOICE

Features and Benefits:

- Low vibration excellent for swirl-free polishing applications
- Durable, lightweight Include low profile balanced sanding pad
- Extended throttle lever design provides super comfort on end-user's hand wrist area and user- friendly for long operating periods



(NON-VACUUM)

2.5 mm Random Orbital Sander

HAS-725-N5 (5" / 125 mm)

HAS-725-N6 (6" / 150 mm)



(CENTRAL VACUUM)

2.5 mm Random Orbital Sander

HAS-725-CV5 (5" / 125 mm)

HAS-725-CV6 (6" / 150 mm)



(SEFL -GENERATED VACUUM)

2.5 mm Random Orbital Sander

HAS-725-SV5 (5" / 125 mm)

HAS-725-SV6 (6" / 150 mm)

MODEL	Pad Size INCH(mm)	Spindle Thread INCH(mm)	Free Speed RPM	Orbital Diameter inch(mm)	Air Inlet inch	Air Hose I.D inch (mm)	Avg. Air Consumption (L/min)	Noise Level (dBA)	Vibration (M/S ²)	Net Weight KG
HAS-725-N5/CV5/SV5	5 (125)	5/16"-24UNF	Max. 12000	2.5	1/4"	3/8	1.6 (46)	80	0.8	0.9
HAS-725-N6/CV6/SV6	6 (150)	5/16"-24UNF	Max. 12000	2.5	1/4"	3/8	1.6 (46)	80	0.8	0.9

Recommended Air Pressure at 90 psi (6.2bar)

5" & 6" RANDOM ORBITAL SANDER

BEST CHOICE

Features and Benefits:

- Low vibration excellent for swirl-free polishing applications
- Durable, lightweight Include low profile balanced sanding pad
- Extended throttle lever design provides super comfort on end-user's hand wrist area and user- friendly for long operating periods



(NON-VACUUM)

5 mm Random Orbital Sander

HAS-107-N5 (5" / 125 mm)

HAS-107-N6 (6" / 150 mm)



(CENTRAL VACUUM)

5 mm Random Orbital Sander

HAS-107-CV5 (5" / 125 mm)

HAS-107-CV6 (6" / 150 mm)



(SEFL -GENERATED VACUUM)

5 mm Random Orbital Sander

HAS-107-SV5 (5" / 125 mm)

HAS-107-SV6 (6" / 150 mm)

MODEL	Pad Size INCH(mm)	Spindle Thread INCH(mm)	Free Speed RPM	Orbital Diameter inch(mm)	Air Inlet inch	Air Hose I.D inch (mm)	Avg. Air Consumption (L/min)	Noise Level (dBA)	Vibration (M/S ²)	Net Weight KG
HAS-107-N5/CV5/SV5	5 (125)	5/16"-24UNF	Max. 12000	5	1/4"	3/8	1.6 (46)	80	0.8	0.9
HAS-107-N6/CV6/SV6	6 (150)	5/16"-24UNF	Max. 12000	5	1/4"	3/8	1.6 (46)	80	0.8	0.9

Recommended Air Pressure at 90 psi (6.2bar)

PROFESSION AIR SANDERS / POLISHER

BEST CHOICE

3" RANDOM AIR ORBITAL SANDERS / POLISHER

Features and Benefits:

- Low vibration excellent for swirl-free polishing applications
- Durable, lightweight Include low profile balanced sanding pad
- Extended throttle lever design provides super comfort on end-user's hand wrist area and user- friendly for long operating periods

HAS-3107N

 3" Random Orbital Sander
(Non-Vacuum)


HAS-3107CV

 3" Random Orbital Sander
(Central-Vacuum)


HAS-3107SV

 3" Random Orbital Sander
(Self-Vacuum)


MODEL	Pad Size INCH(mm)	Spindle Thread INCH(mm)	Free Speed RPM	Orbital Diameter inch(mm)	Air Inlet inch	Air Hose I.D inch (mm)	Avg. Air Consumption (L/min)	Noise Level (dBA)	Vibration (M/S ²)	Net Weight KG
HAS-3107N	3 (75)	5/16"-24UNF	Max. 12000	2.5	1/4"	3/8	1.6 (46)	80	0.8	0.6
HAS-3107CV	3 (75)	5/16"-24UNF	Max. 12000	2.5	1/4"	3/8	1.6 (46)	80	0.8	0.6
HAS-3107SV	3 (75)	5/16"-24UNF	Max. 12000	2.5	1/4"	3/8	1.6 (46)	80	0.8	0.6

Recommended Air Pressure at 90 psi (6.2bar)

HAS-3107PK

3" RANDOM ORBITAL BUFFER

 Excellent For Swirl-Free Polishing
The Best Air Polisher in the world


HAS-7525CV / HAS-7550CV

6" RANDOM ORBITAL SANDER

52 Multi-Holes Velcro Pad For Max. Vacuum Power



MODEL	Pad Size INCH(mm)	Spindle Thread INCH(mm)	Free Speed RPM	Orbital Diameter inch(mm)	Air Inlet inch	Air Hose I.D inch (mm)	Avg. Air Consumption (L/min)	Noise Level (dBA)	Vibration (M/S ²)	Net Weight KG
HAS-3107PK	3 (75)	5/16"-24UNF	Max. 12000	5	1/4"	3/8	1.6 (46)	80	0.8	0.4
HAS-7525CV	3 (75)	5/16"-24UNF	Max. 12000	2.5	1/4"	3/8	1.6 (46)	80	0.8	0.9
HAS-7550CV	3 (75)	5/16"-24UNF	Max. 12000	5	1/4"	3/8	1.6 (46)	80	0.8	0.9

Recommended Air Pressure at 90 psi (6.2bar)

HEAVY DUTY AIR SANDERS / POLISHER

3" RANDOM AIR ORBITAL SANDERS / POLISHER

Features and Benefits:

- Low vibration excellent for swirl-free polishing applications
- Durable, lightweight Include low profile balanced sanding pad
- Extended throttle lever design provides super comfort on end-user's hand wrist area and user- friendly for long operating periods
- Resilient silicone Palm Grip for excellent operation comfort.

HAS-3315

 3" Random Orbital Buffer
(Large Orbital 15 mm)


HAS-3315N

 3" Random Orbital Sander
(Non-Vacuum)


HAS-3315CV

 3" Random Orbital Sander
(Central-Vacuum)


HAS-3315SV

 3" Random Orbital Sander
(Self-Vacuum)


MODEL	Pad Size INCH(mm)	Spindle Thread INCH(mm)	Free Speed RPM	Orbital Diameter inch(mm)	Air Inlet inch	Air Hose I.D inch (mm)	Avg. Air Consumption (L/min)	Noise Level (dBA)	Vibration (M/S ²)	Net Weight KG
HAS-3315	3 (75)	5/16"-24UNF	Max. 12000	15	1/4"	3/8	2.5 (70.5)	83	0.9	0.4
HAS-3315N	3 (75)	5/16"-24UNF	Max. 12000	2.5	1/4"	3/8	2.5 (70.5)	83	0.8	0.9
HAS-3315CV	3 (75)	5/16"-24UNF	Max. 12000	2.5	1/4"	3/8	2.5 (70.5)	83	0.8	0.6
HAS-3315V	3 (75)	5/16"-24UNF	Max. 12000	2.5	1/4"	3/8	2.5 (70.5)	83	0.8	0.6

Recommended Air Pressure at 90 psi (6.2bar)

5" & 6" RANDOM ORBITAL SANDER

Features and Benefits:

- Low vibration excellent for swirl-free polishing applications
- Durable, lightweight Include low profile balanced sanding pad
- Extended throttle lever design provides super comfort on end-user's hand wrist area and user- friendly for long operating periods
- Resilient silicone Palm Grip for excellent operation comfort.


 (NON-VACUUM)
(Large Orbital 9 mm)

Random Orbital Sander

HAS-515-N5 (5" / 125 mm)

HAS-515-N6 (6" / 150 mm)



(NON-VACUUM)

2.5 mm Random Orbital Sander

HAS-525-N5 (5" / 125 mm)

HAS-525-N6 (6" / 150 mm)

5 mm Random Orbital Sander

HAS-505-N5 (5" / 125 mm)

HAS-505-N6 (6" / 150 mm)



(CENTRAL VACUUM)

2.5 mm Random Orbital Sander

HAS-525-CV5 (5" / 125 mm)

HAS-525-CV6 (6" / 150 mm)

5 mm Random Orbital Sander

HAS-505-CV5 (5" / 125 mm)

HAS-505-CV6 (6" / 150 mm)



(SEFL -GENERATED VACUUM)

2.5 mm Random Orbital Sander

HAS-525-SV5 (5" / 125 mm)

HAS-525-SV6 (6" / 150 mm)

5 mm Random Orbital Sander

HAS-505-SV5 (5" / 125 mm)

HAS-505-SV6 (6" / 150 mm)

MODEL	Pad Size INCH(mm)	Spindle Thread INCH(mm)	Free Speed RPM	Orbital Diameter inch(mm)	Air Inlet inch	Air Hose I.D inch (mm)	Avg. Air Consumption (L/min)	Noise Level (dBA)	Vibration (M/S ²)	Net Weight KG
HAS-515-N5	5 (125)	5/16"-24UNF	Max. 12000	9	1/4"	3/8	2.5 (70.5)	83	0.9	0.83
HAS-515-N6	6 (150)	5/16"-24UNF	Max. 12000	9	1/4"	3/8	2.5 (70.5)	83	0.8	0.76
HAS-525-N5/CV5/SV5	5 (125)	5/16"-24UNF	Max. 12000	2.5	1/4"	3/8	2.5 (70.5)	83	0.8	0.85
HAS-505-N5/CV5/SV5	6 (150)	5/16"-24UNF	Max. 12000	5	1/4"	3/8	2.5 (70.5)	83	0.8	0.88
HAS-525-N6/CV6/SV6	6 (150)	5/16"-24UNF	Max. 12000	2.5	1/4"	3/8	2.5 (70.5)	83	0.8	0.90
HAS-505-N6/CV6/SV6	6 (150)	5/16"-24UNF	Max. 12000	5	1/4"	3/8	2.5 (70.5)	83	0.8	0.92

Recommended Air Pressure at 90 psi (6.2bar)

HCG-2014BSS

MULTI-FUNCTION BLOW SUCTION GUN SET (SMALL SIZE OF DUST COLLECTING COVER + 4 PCS OF BLACK ADAPTOR)



Unique method
At the same time for bellowing operations
*Using a detergent to wash away the dirt
*Suck dirt away through the vacuum cleaner



HCG-0100S

PROFESSIONAL CLEANING GUN WITH STAINLESS STEEL NOZZLE & RUBBER GRIP



HCG-0300

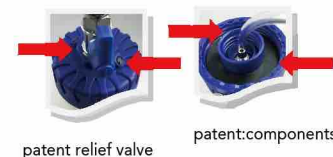
FOAM GUN W/ 1LITER TANK



Thick foam Strongly spray



Multi Patent



Multi Patent

HWG-0210K

AIR WONDER GUN KIT

AIR WONDER GUN KIT (ALUMINUM HOUSING)
Air Suction / Blow Gun Kit / Aluminum Housing
Accepted 25 kg (435 PSI / 3.0 Mpa) pressure
One touch button for Suction & Blow function
Pressure: 6.3 Bar
Air Inlet (NPT): 1/4"
1. 0201G14: Flexible Tube x 1
2. 0201G16: Extension Tube x 1
3. 0201G17: Clamping Ring x 2
4. 0201G15-5: Dust Bug x 1
5. 0204B02 : Small Diameter Vacuum Tube x 1
6. 0204B03 : Flat Tube x 1
7. 0204G04 : Brush x 1
8. 0204B06S: Flexible Hose x 1



HMD-60000

INDUSTRIAL AIR PENCIL DIE GRINDER

• Collet 3 mm



HMD-30000

INDUSTRIAL AIR PENCIL DIE GRINDER

• Collet 3 mm & 6 mm



MODEL	COLLET SIZE INCH(mm)	Free Speed RPM	Dia (mm)	AIR INLET INCH	Air Hose Dia (mm)	Air Hose I.D inch (mm)	Avg. Air Consumption (L/min)	Vibration (M/S ²)	Noise Level (dBA)	Net Weight KG
HMD-60000	3	30000	325	1/4	min.5	1500	2.6(75)	0.8	80.4	0.23
HMD-30000	3+6	60000	425	1/4	min.5	1500	1.55(43.7)	1.8	78.7	0.38

Recommended Air Pressure 90 psi (6.3 bar)