

SHALL®



SHALL TOOLS CO.,LTD

Add: No. 9 Chunchao Road, Xiaoshan Economy & Technology Zone, Hangzhou Zhejiang China

Tel: 0086-571-82651930 82651931

Fax: 0086-571-82657190

E-mail: shall@shalltools.com

Website: www.shallgroup.com



SHALL®

Tools solution since 1998

PROFESSIONAL PNEUMATIC TOOLS

No.5010101 1/2", 2.9KG



FEATURE:

- High density durable blade, oil resistant, no deformation, no wear and no expansion
- Humanized design of trigger, control and stability of hand held operation
- Rugged die cast aluminum housing offers compact, lightweight design for continuous use
- Super duty motor delivers maximum torque and rugged durability
- Heat treated iron cylinder extended life
- Delivers maximum torque of 738 ft.lbs



No.5010102 1/2", 3.2KG



FEATURE:

- The trigger is made of high-strength plastic to avoid fracture in use.
- In order to high precision of spindle ,it is processed under CNC machining
- It has four speed rear dial regulator at the bottom of the impact gun
- Powerful twin-hammer impact mechanism for extreme torque with less vibration
- The product is practical in automobile service industry



No.5010103 1/2", 3.0KG



FEATURE:

- Spindle square head dimension can be used in a variety of sockets for a variety of industries
- Alloy steel drive shaft, wear-resistant and skid-proof tire
- Front exhaust with noise reduce cover
- The air inlet is equipped with a filter to prevent foreign objects from entering the body of the blast gun and damage the machine when air intake or lubricating oil is added
- Ideal for tire changing, general maintenance & repair



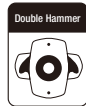
Item No.	Square Head	Free Speed	Max.Torsion	Bolt Ability (mm)	Air Inlet	Air Hose (mm)	Working Pressure	Shaft Length	Weight (kgs)
5010101	1/2"	8000 r.p.m	1000N.m/738ft.lbs	24	1/4" PT	10	6-8kg/cm²	1"	2.9
5010102	1/2"	7500 r.p.m	900N.m/660ft.lbs	18	1/4" PT	10	6-8kg/cm²	1"	3.2
5010103	1/2"	8000 r.p.m	900N.m/664ft.lbs	22	1/4" PT	10	6-8kg/cm²	1"	3.0

No.5010104 1/2", 2.6KG



FEATURE:

- Reducing work fatigue for 2.6kgs light weight
- Two-piece housing for easy maintenance
- Innovative knob design for easy speed adjustment
- Push up and down to adjust the forward and reverse
- Ideal for motorcycle,small-sized car repair shop uses



No.5010105 1/2", 3.0KG



FEATURE:

- Screened filter air inlet keeps dirt and debris from damaging the tool
- Square head of spindle friction ring design, quick replacement of sleeve and improvement of working efficiency
- The torque regulation adopts positive and negative 3 gear of commutation structure design, precise control of different torque output requirements
- Unique front shell design, leading industry fashion
- Trigger hand-like design, for comfortable press



No.5010106 1/2", 3.0KG



FEATURE:

- High performance motor covers the most demanding fastening jobs
- Compact lightweight design minimizes user fatigue
- Air motor part adopts special material forging and processing to make high precision
- Two hammer provide explosive power and smooth balanced blows
- 7 vanes inside rotor integrated with rear cover to deliver high speed



Item No.	Square Head	Free Speed	Max.Torsion	Bolt Ability (mm)	Air Inlet	Air Hose (mm)	Working Pressure	Shaft Length	Weight (kgs)
5010104	1/2"	7500 r.p.m	800N.m/590ft.lbs	18	1/4" PT	10	6-8kg/cm²	1"	2.6
5010105	1/2"	8000 r.p.m	900N.m/664ft.lbs	22	1/4" PT	10	6-8kg/cm²	1"	3.0
5010106	1/2"	8500 r.p.m	1200N.m/885ft.lbs	24	1/4" PT	10	6-8kg/cm²	1"	3.0

No.5010107 1/2", 2.15KG



- FEATURE:**
- Front end exhaust
 - Die cast aluminum body reversible.
 - Adjustable torque
 - Built-in air regulator to adjust speed & power
 - Available for soft handle grip (optional)
 - Ideal for tire changing and general assembling work and other workshop applications
 - Standard package: color box



No.5010108 1/2", 2.2KG



- FEATURE:**
- The torque direction and level adjusting is designed at back side, which is suiting better of the different working situations;
 - The inner structure is with more precise and high level parts of less tolerance, which is also benefiting the explosive force.
 - Composite material light weight as 2.2kgs only, which reduce the working fatigue.
 - The anvil is proved with 4000cycles without wear under anvil fixed conditions;
 - The whole gun is tested as 10,000 cycles(5seconds working and 2 seconds stop as one cycle) without any spare part changed, keeping powerful torques.



No.5010109 1/2", 1.4KG



- FEATURE:**
- Impact part, drive shaft, rotor are processed by Ipsen heat treatment equipment which we imported from Germany, ensuring a more durable wear, greatly extend the lifetime;
 - Aluminum die-casting gun body, good air tightness.
 - POM blade and industrial P6 bearings,extend the lifetime;
 - High quality oiling bushing effectively extend the lifetime of anvil;
 - Could passed drop testing by 1 meter high;
 - 3-5 seconds to achieve the maximum torque;
 - 25 million screw life



Item No.	Square Head	Free Speed	Max.Torsion	Bolt Ability (mm)	Air Inlet	Air Hose (mm)	Working Pressure	Shaft Length	Weight (kgs)
5010107	1/2"	7000 r.p.m	312N.m/230ft.lbs	14	1/4" PT	10	6-8kg/cm²	1"	2.15
5010108	1/2"	7800 r.p.m	1350N.m/1000ft.lbs	18	1/4" PT	10	6-8kg/cm²	1"	2.2
5010109	1/2"	8500 r.p.m	610N.m/450ft.lbs	16	1/4" PT	10	6-8kg/cm²	1"	1.4

No.5010110 1/2", 2.7KG



- FEATURE:**
- Impact part, drive shaft, rotor are processed by Ipsen heat treatment equipment which we imported from Germany, ensuring a more durable wear, greatly extend the lifetime;
 - 10% longer cylinder, torque output greater
 - POM blade and industrial P6 bearings,extend the lifetime;
 - High quality oiling bushing effectively extend the lifetime of anvil;
 - Could passed drop testing by 1 meter high;
 - 3-5 seconds to achieve the maximum torque;
 - 25 million screw life
 - Double Inlet Valve Design ensures that not impact to the maximum speed directly when it is starting, Can effectively prevent the sleeve is broken



No.5010111 3/4", 5.0KG



- FEATURE:**
- Three pieces housing design eases maintenance
 - 360° swivel air intake prevents hose from twisting up
 - 3 Position Power regulator allows the user to choose the strength level
 - Pistol grip for comfortably and easily handling, ideal for assembling equipment, performing auto body work, and vehicle service.



No.5010112 3/4" & 1", 7.2KG



- FEATURE:**
- 3/4" square drive size can be changed into 1"
 - Complete with handle for when extra torque is required and to make it easier to hold
 - Original aluminum ring covered at front housing meets public aesthetic standard
 - Twin hammer mechanism and six rotor blade for faster motor stat up
 - High performances, especially on hard joints



Item No.	Square Head	Free Speed	Max.Torsion	Bolt Ability (mm)	Air Inlet	Air Hose (mm)	Working Pressure	Shaft Length	Weight (kgs)
5010110	1/2"	7000 r.p.m	920N.m/680ft.lbs	16	1/4" PT	10	6-8kg/cm²	1"	2.7
5010111	3/4"	6500 r.p.m	1600N.m/1181ft.lbs	28	3/8" PT	13	6-10kg/cm²	1"	5.0
5010112	3/4" & 1"	5000 r.p.m	2000N.m/1476ft.lbs	32	1/2" PT	13	6-10kg/cm²	1"	7.2

No.5010113 3/4" & 1", 7.2KG



- FEATURE:**
- 360 degree rotating air inlet fitting
 - 2 position power regulator and directional control provides one lever for all controls with two positions in forward and full power reverse
 - 3/4" or 1" is optional for square drive size select
 - Air inlet with filter screen to prevent sundries from air compressor into air impact to make longer service life
 - Aluminum body & steel clutch housing



No.5010114 3/4" & 1", 7.3KG



- FEATURE:**
- Removable side handle for greater control
 - Six motor blade for increased speed and power
 - Made for high torque applications to remove large and stubborn lug nuts
 - Set comes with 2pcs sockets and top handle attachment in a sturdy blow molded case
 - Pistol grip style provides ergonomic handle for ease of use and less hand fatigue during long operations



No.5010115 3/4" & 1", 7.0KG



- FEATURE:**
- Impact part, drive shaft, rotor are processed by Ipsen heat treatment equipment which we imported from Germany, ensuring a more durable wear, greatly extend the lifetime.
 - 25 million screw life.
 - POM blade and industrial P6 bearings,extend the lifetime.
 - High quality oiling bushing effectively extend the lifetime of anvil.
 - Could passed drop testing by 1 meter high.
 - 3-5 seconds to achieve the maximum torque.



Item No.	Square Head	Free Speed	Max.Torsion	Bolt Ability (mm)	Air Inlet	Air Hose (mm)	Working Pressure	Shaft Length	Weight (kgs)
5010113	3/4" & 1"	5000 r.p.m	2000N.m/1476ft.lbs	32	1/2" PT	13	6-10kg/cm ²	1"	7.2
5010114	3/4" & 1"	4600 r.p.m	1900N.m/1400ft.lbs	30	1/2" PT	13	6-10kg/cm ²	1"	7.3
5010115	3/4" & 1"	4600 r.p.m	1800N.m/1328ft.lbs	25	3/8" PT	13	6-10kg/cm ²	1"	7.0

No.5010116 3/4" & 1", 7.3KG



- FEATURE:**
- Greater torque for toughest jobs
 - Handle grip with inside trigger
 - High power to weight ratio for heavy duty maintenance
 - Extended anvil is available and reaches into deep truck wheels easily



No.5010117 3/4" & 1", 7.3KG



- FEATURE:**
- D type handle with comfort grip
 - Removable support handle can be rotated for left hand or right hand use
 - Air capacity adjust regulator with 3 power levels in forward and reverse
 - Suitable for industrial and hardest environment uses



No.5010118 1", 12.2KG



- FEATURE:**
- Side exhaust directs air away from work piece and operator.
 - Trigger can be inside the handle for ease of use with a tight grip
 - 1 inch square head size shank can be extended or shorted for customer preference.
 - Pin less mechanism provides more power and extended durability under heavy use.



Item No.	Square Head	Free Speed	Max.Torsion	Bolt Ability (mm)	Air Inlet	Air Hose (mm)	Working Pressure	Shaft Length	Weight (kgs)
5010116	3/4" & 1"	6000 r.p.m	2200-2400N.m/ 1624-1771ft.lbs	30-36	1/2" PT	13	6-10kg/cm ²	1"	7.3
5010117	3/4" & 1"	6000 r.p.m	2200-2400N.m/ 1624-1771ft.lbs	30-36	1/2" PT	13	6-10kg/cm ²	1"	7.3
5010118	1"	4200 r.p.m	3100N.m/2288ft.lbs	38	1/2" PT	13	8-12kg/cm ²	1.5"	12.2

No.5010119 1", 16.7KG



Item No.	Square Head	Free Speed	Max.Torsion	Bolt Ability (mm)
5010119	1"	3500 r.p.m	3500N.m/2583ft.lbs	46
Air Inlet	Air Hose (mm)	Working Pressure	Shaft Length	Weight (kgs)
1/2" PT	13	8-12kg/cm²	8"	16.7

No.5010120 1", 19.1KG



Item No.	Square Head	Free Speed	Max.Torsion	Bolt Ability (mm)
5010120	1"	3200 r.p.m	4000N.m/2952ft.lbs	52
Air Inlet	Air Hose (mm)	Working Pressure	Shaft Length	Weight (kgs)
1/2" PT	13	8-12kg/cm²	8"	19.1

No.5010121 1", 19.3KG



Item No.	Square Head	Free Speed	Max.Torsion	Bolt Ability (mm)
5010121	1"	3200 r.p.m	4000N.m/2952ft.lbs	52
Air Inlet	Air Hose (mm)	Working Pressure	Shaft Length	Weight (kgs)
1/2" PT	13	8-12kg/cm²	8"	19.3

No.5010122 1", 13.7KG



Item No.	Square Head	Free Speed	Max.Torsion	Bolt Ability (mm)
5010122	1"	4200 r.p.m	3100N.m/2288ft.lbs	38
Air Inlet	Air Hose (mm)	Working Pressure	Shaft Length	Weight (kgs)
1/2" PT	13	8-12kg/cm²	8"	13.7

- The blow product group using alloy material, single hammer blow without pin design, high combat effectiveness, large torque, resistance to wear
- The products are practical in large cars, trucks and heavy machinery bolt disassembling maintenance, etc

No.5010123 1", 20.5KG



Item No.	Square Head	Free Speed	Max.Torsion	Bolt Ability (mm)
5010123	1"	3200 r.p.m	4500N.m/3321ft.lbs	56
Air Inlet	Air Hose (mm)	Working Pressure	Shaft Length	Weight (kgs)
1/2" PT	13	8-12kg/cm²	8"	20.5

No.5010124 1", 18.6KG



Item No.	Square Head	Free Speed	Max.Torsion	Bolt Ability (mm)
5010124	1"	3200 r.p.m	3700N.m/2730ft.lbs	48
Air Inlet	Air Hose (mm)	Working Pressure	Shaft Length	Weight (kgs)
1/2" PT	13	8-12kg/cm²	8"	18.6

No.5010125 1", 16.7KG



Item No.	Square Head	Free Speed	Max.Torsion	Bolt Ability (mm)
5010125	1"	3500 r.p.m	3500N.m/2583ft.lbs	46
Air Inlet	Air Hose (mm)	Working Pressure	Shaft Length	Weight (kgs)
1/2" PT	13	8-12kg/cm²	8"	16.7

No.5010126 1", 18KG



Item No.	Square Head	Free Speed	Max.Torsion	Bolt Ability (mm)
5010126	1"	3600 r.p.m	3000N.m/2200ft.lbs	50
Air Inlet	Air Hose (mm)	Working Pressure	Shaft Length	Weight (kgs)
1/2" PT	16	8-12kg/cm²	8"	18

- The blow product group using alloy material, single hammer blow without pin design, high combat effectiveness, large torque, resistance to wear
- The products are practical in large cars, trucks and heavy machinery bolt disassembling maintenance, etc

No.5010127 1", 13.7KG



- FEATURE:**
- Convenient reverse valve for easy direction changes
 - Anvil for extended can reach into deep wheel well
 - Auxiliary handle to give you positive control
 - Three speeds forward, three speeds reverse
 - Handle-vented to direct exhaust away from user

Item No.	Square Head	Free Speed	Max.Torsion	Bolt Ability (mm)	Air Inlet	Air Hose (mm)	Working Pressure	Shaft Length	Weight (kgs)
5010127	1"	4200 r.p.m	3100N.m/2288ft.lbs	38	1/2" PT	13	8-12kg/cm²	8"	13.7

No.5010128 1", 20.4KG



- FEATURE:**
- 1 Inch super-duty class pneumatic tool
 - It features an incredibly powerful 3321 ft.lbs of maximum reverse torque
 - With 3 position torque settings, rotating to change forward or reverse
 - The ergonomic trigger provides excellent operator control
 - Superior strength and durability on rugged environment

Item No.	Square Head	Free Speed	Max.Torsion	Bolt Ability (mm)	Air Inlet	Air Hose (mm)	Working Pressure	Shaft Length	Weight (kgs)
5010128	1"	3200 r.p.m	4500N.m/3321ft.lbs	56	1/2" PT	13	8-12kg/cm²	8"	20.4

No.5010129 1", 9.0KG



- FEATURE:**
- Twin Hammer clutch for extreme durability
 - Air rotor is extended for high torque
 - Built in exhaust silencer system for noise control
 - Cylinder integrated with steel material for durable life time, less vibration under high torque.
 - Pistol style offers comfort and control at multiple angles.

Item No.	Square Head	Free Speed	Max.Torsion	Bolt Ability (mm)	Air Inlet	Air Hose (mm)	Working Pressure	Shaft Length	Weight (kgs)
5010129	1"	4000 r.p.m	3000N.m/2214ft.lbs	38	1/2" PT	13	6-10kg/cm²	1"	9.0

- The blow product group using alloy material, single hammer blow without pin design, high combat effectiveness, large torque, resistance to wear
- The products are practical in large cars, trucks and heavy machinery bolt disassembling maintenance, etc

No.5010101-S Suit



- 1pc Air Impact Wrench(No.5010101)
- 1pc 5" Extension Rod
- 1pc Oil Pot
- 1pc Hex Key Wrench
- 1pc Air Intake Connector
- 8pcs Sockets
- (Sizes:12,13,14,15,17,19,22,24MM)

No.5010103-S Suit



- 1pc Air Impact Wrench(No.5010103)
- 1pc 5" Extension Rod
- 1pc Oil Pot
- 1pc Hex Key Wrench
- 1pc Air Intake Connector
- 8pcs Sockets
- (Sizes:12,13,14,15,17,19,22,24MM)

No.5010106-S Suit



- 1pc Air Impact Wrench(No.5010106)
- 1pc 5" Extension Rod
- 1pc Oil Pot
- 1pc Hex Key Wrench
- 1pc Air Intake Connector
- 8pcs Sockets
- (Sizes:12,13,14,15,17,19,22,24MM)

No.5010104-S Suit



- 1pc Air Impact Wrench(No.5010104)
- 1pc 5" Extension Rod
- 1pc Oil Pot
- 1pc Hex Key Wrench
- 1pc Air Intake Connector
- 8pcs Sockets
- (Sizes:12,13,14,15,17,19,22,24MM)

No.5010105-S Suit



- 1pc Air Impact Wrench(No.5010105)
- 1pc 5" Extension Rod
- 1pc Oil Pot
- 1pc Hex Key Wrench
- 1pc Air Intake Connector
- 8pcs Sockets
- (Sizes:12,13,14,15,17,19,22,24MM)

No.5010114-S Suit



- 1pc Pneumatic Wrench(No.5010114)
- 1pc Special Fittings
- 1pc Manual Handle
- 1pc Oil Pot
- 2pcs Sleeves(27mm,30mm)
- 1pc Operation Instruction

No.5010119-S Suit



- 1pc 1 Inch Pneumatic Wrench(No.5010119)
- 1pc Special Fittings
- 1pc Manual Handle
- 1pc Oil Pot
- 2pcs Sleeves(Size Available 27,30,32,33,36,38,41mm)
- 1pc Operation Instruction

No.5010120-S Suit



- 1pc 1 Inch Pneumatic Wrench(No.5010120)
- 1pc Special Fittings
- 1pc Manual Handle
- 1pc Oil Pot
- 2pcs Sleeves(Size Available 27,30,32,33,36,38,41mm)
- 1pc Operation Instruction

No.5010118-S Suit



- 1pc 1 Inch Pneumatic Wrench(No.5010118)
- 1pc Special Fittings
- 1pc Manual Handle
- 1pc Oil Pot
- 2pcs Sleeves(Size Available 27,30,32,33,36,38,41mm)
- 1pc Operation Instruction

- FEATURE:**
- Side exhaust directs air away from work piece and operator.
 - Trigger can be inside the handle for ease of use with a tight grip
 - 1 inch square head size shank can be extended or shorted for customer preference.
 - Pin less mechanism provides more power and extended durability under heavy use.

No.5010127-S Suit



- 1pc 1 Inch Pneumatic Wrench(No.5010127)
- 1pc Special Fittings
- 1pc Manual Handle
- 1pc Oil Pot
- 2pcs Sleeves(Size Available 27,30,32,33,36,38,41mm)
- 1pc Operation Instruction

- FEATURE:**
- Convenient reverse valve for easy direction changes
 - Anvil for extended can reach into deep wheel well
 - Auxiliary handle to give you positive control
 - Three speeds forward, three speeds reverse
 - Handle-vented to direct exhaust away from user

No.5010128-S Suit



- 1pc 1 Inch Pneumatic Wrench(No.5010128)
- 1pc Special Fittings
- 1pc Manual Handle
- 1pc Oil Pot
- 2pcs Sleeves(Size Available 27,30,32,33,36,38,41mm)
- 1pc Operation Instruction

- FEATURE:**
- 1 Inch super-duty class pneumatic tool
 - It features an incredibly powerful 3321 ft.lbs of maximum reverse torque
 - With 3 position torque settings, rotating to change forward or reverse
 - The ergonomic trigger provides excellent operator control
 - Superior strength and durability on rugged environment

No.5010122-S Suit



- 1pc 1 Inch Pneumatic Wrench(No.5010122)
- 1pc Special Fittings
- 1pc Manual Handle
- 1pc Oil Pot
- 2pcs Sleeves(Size Available 27,30,32,33,36,38,41mm)
- 1pc Operation Instruction

No.5010124-S Suit



- 1pc 1 Inch Pneumatic Wrench(No.5010124)
- 1pc Special Fittings
- 1pc Manual Handle
- 1pc Oil Pot
- 2pcs Sleeves(Size Available 27,30,32,33,36,38,41mm)
- 1pc Operation Instruction