



Pneumatic rock drill series



Company Profile



DrillMax is awarded with 1S09002 certificate by international Organization for Standardization and awarded with Model Enterprise

In addition to ensuring the domestic market demand of pneumatic machinery, the enterprise has been dedicated to exploring the international markets by researching and developing innovative products. The enterprise emphasizes the close cooperation with renowned international companies like Toku in Japan, Gartner Denver and Sullair in America and refers to their experience its superior product, equipment, and craft and professional technicians, combined with the mature techniques from these companies, the enterprise manufactures international standardized pneumatic breakers, including Mode! TCA-7, TPB-40, TPB-60, TPB-90, B87C, B67C, B47: Y18, Y19A, Y26 hand-held rock drill, and Y27, Y28, Y29A air leg rock drill.

The enterprise is oriented with manufacturing high-tech and innovative products and requirements and expectations. Focusing on quality and consistent management, the enterprise manages to promote its competence and brand reputation. The ultimate goal of the enterprise is to provide high-quality products and services to its customers.





DrillMax

International Business

America



India



Holland



Japan



Product Packaging





TCA-7 Air Pick driven by compressed As a small breaking tool. it features light weight. convenient operation. auto stop after object is broken.It is widely used in mining coal,soft rock, digging pits for post brackets, digging slots, braking concrete, frozen earth in construction and installation engineering, or constructing work incasting industries.



TCA-7 Air Pick

Technical parameter

Model	Piston Diameter mm	Piston Stroke mm	Percussive Frequency b.p.m	N.W. kg	Length mm	Air Consumption m ³ /min	Air Tubelinner Diameter mm	Bit head size mm	Air inlet P/T
TCA-7	35	120	1250	7.2	465	1.0	19	R26 × 80	3/4



TCD-20 Air pick adopts Japan TOKU technology ,driven by compressed air broken tools,features: light weight, small size, blow energy,high frequency, the overall forging, difficult to damage, can be full of work for confined space operations, allows you to ease.



TCD-20 Air Pick

Technical parameter

Model	Piston Diameter Mm	Piston Stroke Mm	Percussive Frequency B.P.M	N.W. Kg	Length Mm	Air Consumption M ³ /min	Air Tube Size Mm	Bit Head Size Mm	Air Inlet Size P/T
TCD-20	42.85	60	2000	10.0	520	1.1	19	R26 × 80	3/4

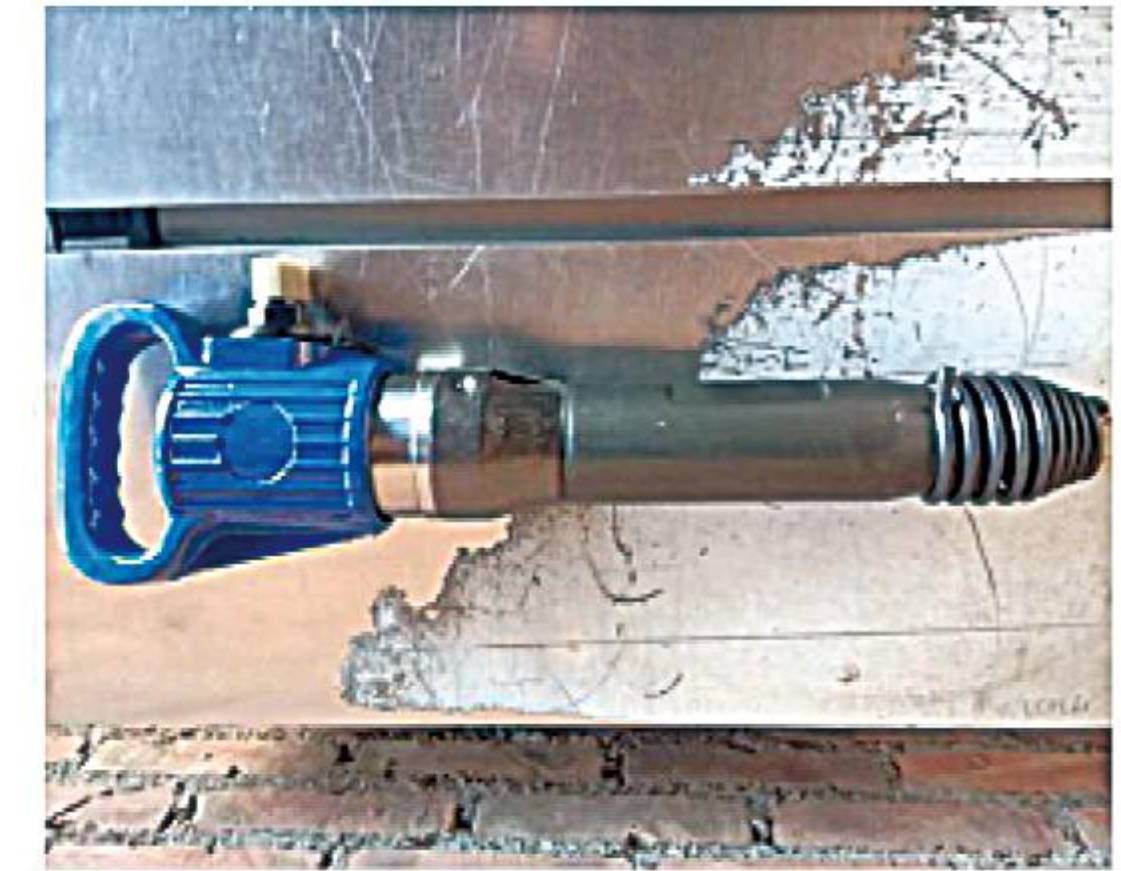


G10 Air Pick

Technical parameter

Model	N.W. Kg	Length Mm	Percussive Energu J	Percussive Frequency Hz	Air Consumption L/S	Bit Fixation Style	Bit Head Size Mm	Air Tube Lnner Diameter Mm
G10	10.5	575	≥ 43	16	26	(Spring clip)	R24 × 70	19

G10 air pick suitable to crush works at rock and concrete, etc, especially at crush the solid concrete ground in city basic building project, demolish wall, cut and crush the black and white road in road and pipeline building, repair convenient for road, chisel out road, other similar crush task field like quarrying, etc.



SK-10 Air Pick

Technical parameter

Model	N.W. Kg	Length Mm	Percussive Energu J	Percussive Frequency Hz	Air Consumption L/S	Bit Fixation Style	Bit Head Size Mm	Air Tube Lnner Diameter Mm
SK-10	10	498	≥ 45	21	17	(Screw clip)	R24 × 70	19

SK-10 type air pick is handle air power tool, use the compress air push the piston reciprocating motion, make the pick head continue impact the working object. SK-10 type air pick used in mining and build road, etc. The air pick formed with air supply mechanism, impact mechanism and pick bore, etc.





B37 Breake features light weight, simple structure, features, large impacting force, high speed and efficiency. The products are widely used in construction of mines, bridges roads and so on.



B37 Air Pick

Technical parameter

Model	Piston Diameter Mm	Piston Stroke Mm	Percussive Frequency B.P.M	N.W. Kg	Length Mm	Air Consumption M ³ /min	Air Tube Size Mm	Bit Head Size Mm	Air Inlet Size P/T
B37	44	142	1050	17	580	1.8	19	R30 × 87	3/4



B47 Breaker adopts mature technology of American Chicago Pneumatic Corporation and advanced double-hammer design. The hammer is driven by compressed air to to and fro and the cushioned hammer impacts the drilling tool. The breaker features portability, high impact frequency and high working efficiency.



B47 Air Pick

Technical parameter

Model	Piston Diameter Mm	Piston Stroke Mm	Percussive Frequency B.P.M	N.W. Kg	Length Mm	Air Consumption M ³ /min	Air Tube Size Mm	Bit Head Size Mm	Air Inlet Size P/T
B47	47.6	100	1400	21.5	550	1.6	19	R25 × 105	3/4



B67C Air Pick

Technical parameter

Model	N.W. Kg	Length Mm	Working Air Pressure Mpa	Percussive Energy J	Percussive Power KW	Percussive Frequency Hz	Air Consumption L/S	Air Tube Inner Diameter Mm
B67C	30	615	0.63	$37 \pm 10\%$	$0.9 \pm 10\%$	$24 \pm 5\%$	$42 \pm 15\%$	19

B67C breaker is a pneumatic instrument manufactured with the mature technology of America Gardner Denver Corporation. Featuring proper weight, durability, great efficiency and speed, the breaker can break ferroconcrete, rocks and asphalt. It is ideal machinery for the construction, repairs and backout of mines, bridges, roads, water pipes and electricity grids.



B87C Air Pick

Technical parameter

Model	N.W. Kg	Length Mm	Working Air Pressure Mpa	Percussive Energy J	Percussive Power KW	Percussive Frequency B.P.M	Air Consumption L/S	Air Tube Inner Diameter Mm
B87C	39	686	0.63	$100 \pm 10\%$	$1.8 \pm 10\%$	1200	$55 \pm 5\%$	19

B87C breaker is a pneumatic instrument manufactured with the mature technology of America Gardner Denver Corporation. It is more powerful in breaking reinforced concrete, rocks and asphalt. Boasting greater efficiency and durability, it suits the requirements of breaking outsized, super-thick and hard objects. It is ideal machinery for the substructural construction of mines, bridges, roads and civil infrastructure.





RB777 Air Pick

Technical parameter

Model	Piston Diameter Mm	Piston Stroke Mm	Percussive Frequency Hz	N.W. Kg	Length Mm	Working Air Pressure Mpa	Air Tube Size Mm	Bit Head Size Mm	Air Inlet Size Mm	Oil Feeder Ml
RB777	57	189	18.3	37	733	0.63	19	R32 × 152	3/4	30

RB777 pneumatic pick is a tool that use compressed air as power, the compressed air come from air connection tube to the valve unit in the pick back head, through valve allow the compressed air to cylinder above and below antrum, promote hammer reciprocating up and down, hammer make punch beat the end of steel shank, ensure steel shank drill into concrete continuously, make it break into pieces.



TPB-40 Air Pick

Technical parameter

Model	Piston Diameter Mm	Piston Stroke Mm	Percussive Frequency B.P.M	N.W. Kg	Length Mm	Air Consumption M ³ /min	Air Tube Size Mm	Bit Head Size Mm	Air Inlet Size P/T
TPB-40	44	146	1050	18	660	1.6	19	R25 × 108	3/4

TPB-40 Breaker features light weight, simple structure, features large impacting force, high speed and efficiency.

The products are widely used in construction of mines, bridges roads and so on.





TPB-60 Air Pick

TPB-60 breaker is featuring proper weight, durability, great efficiency and speed, the breaker can break ferroconcrete, rocks and asphalt. It is ideal machinery for the construction, repair and backout of mines, bridges, roads, water pipes and electricity grids.



Technical parameter

Model	Piston Diameter Mm	Piston Stroke Mm	Percussive Frequency B.P.M	N.W. Kg lb		Length Mm	Air Consumption M ³ /min	Air Tube Size Mm	Bit Head Size Mm	Air Inlet Size P/T
TPB-60	57.15	100	1400	30.0	66.0	645	2.0	19	1-1/8 × 6	3/4
									1-14/ × 6	



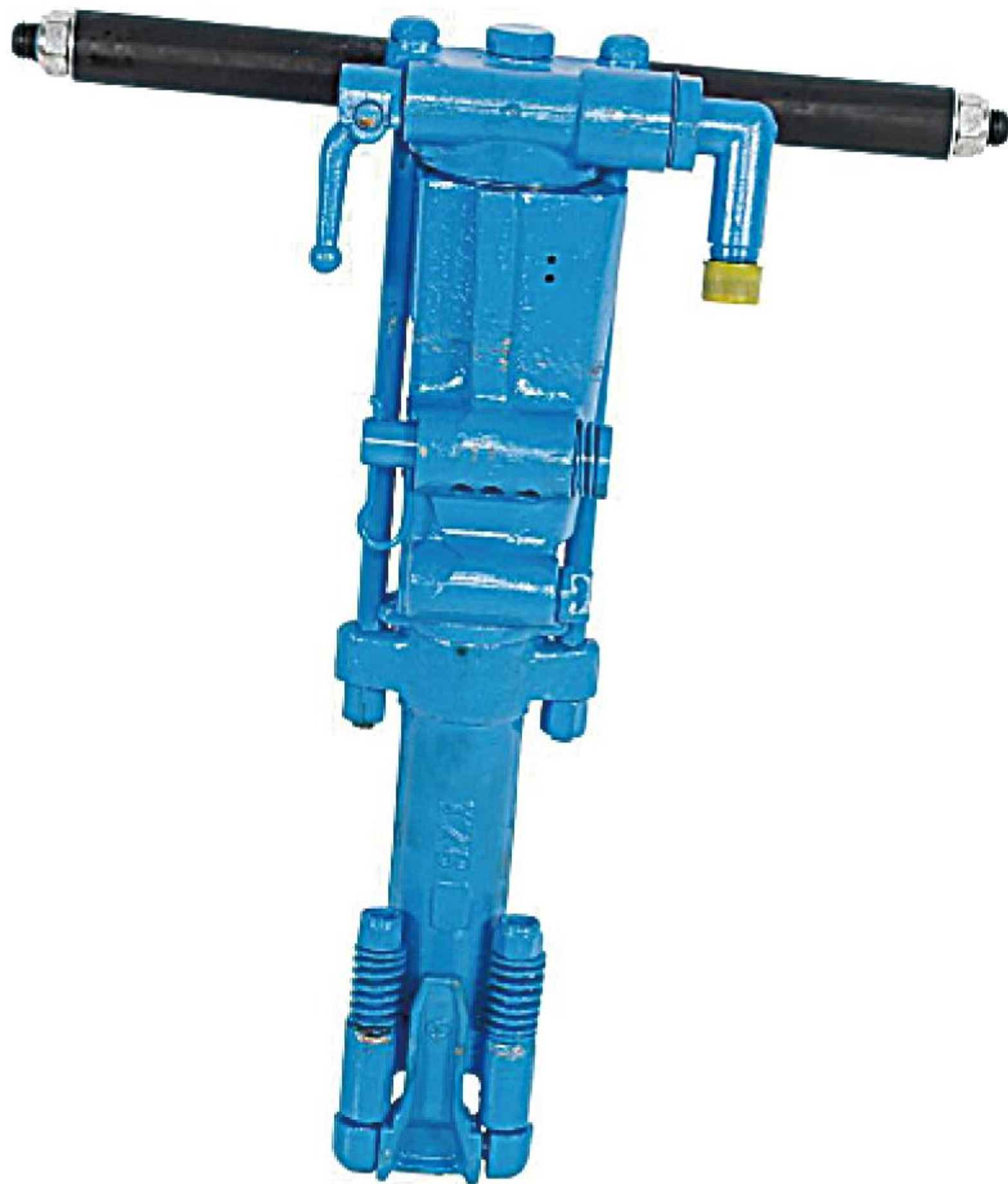
TPB-90 Air Pick

TPB-90 breaker is more powerful in breaking ferroconcrete, rocks and asphalt. Boasting greater efficiency and durability, it suits the requirements of breaking outsized, super-thick and hard objects. It is ideal machinery for the substructural construction of mines, bridges, roads and civil infrastructure.



Technical parameter

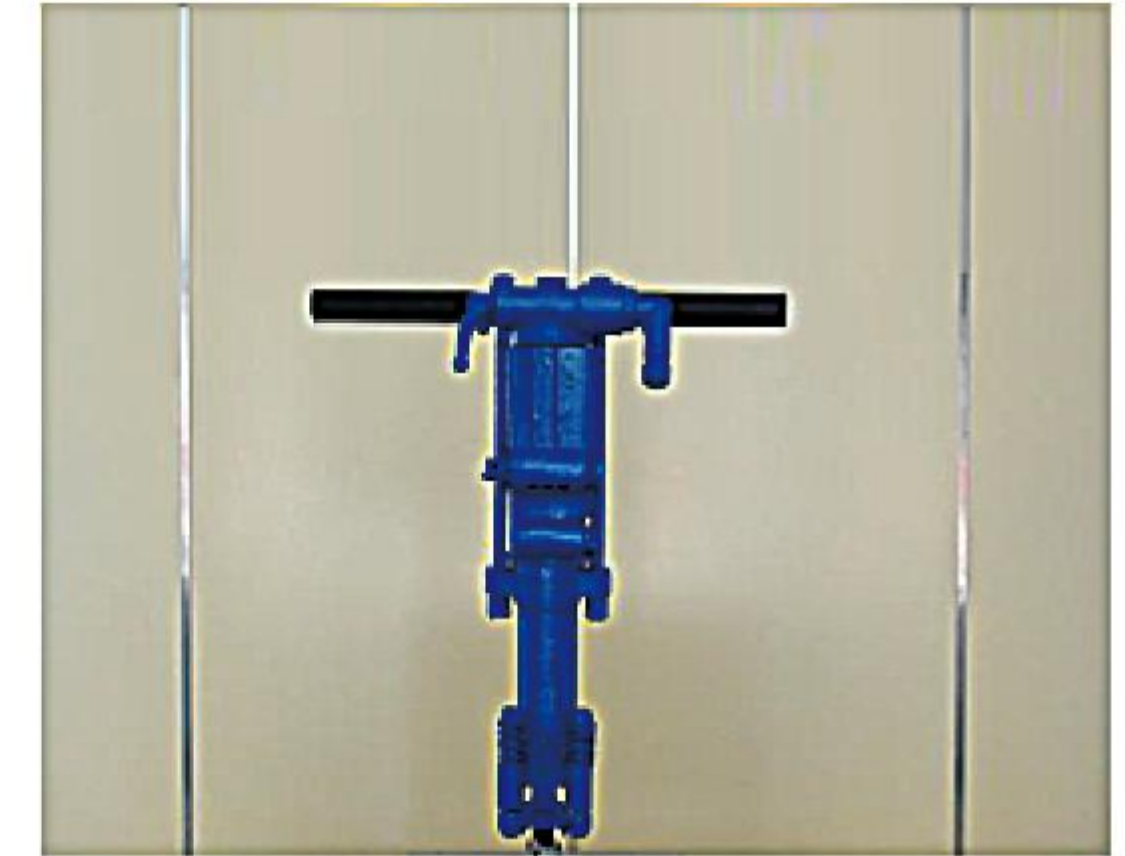
Model	Piston Diameter Mm	Piston Stroke Mm	Percussive Frequency B.P.M	N.W. Kg lb		Length Mm	Air Consumption M ³ /min	Air Tube Size Mm	Bit Head Size Mm	Air Inlet Size P/T
TPB-90	66.67	152	1400	42.0	92.4	723	2.2	19	1-1/8 × 6	3/4
									1-14/ × 6	



Y26 Hand-held rock drill

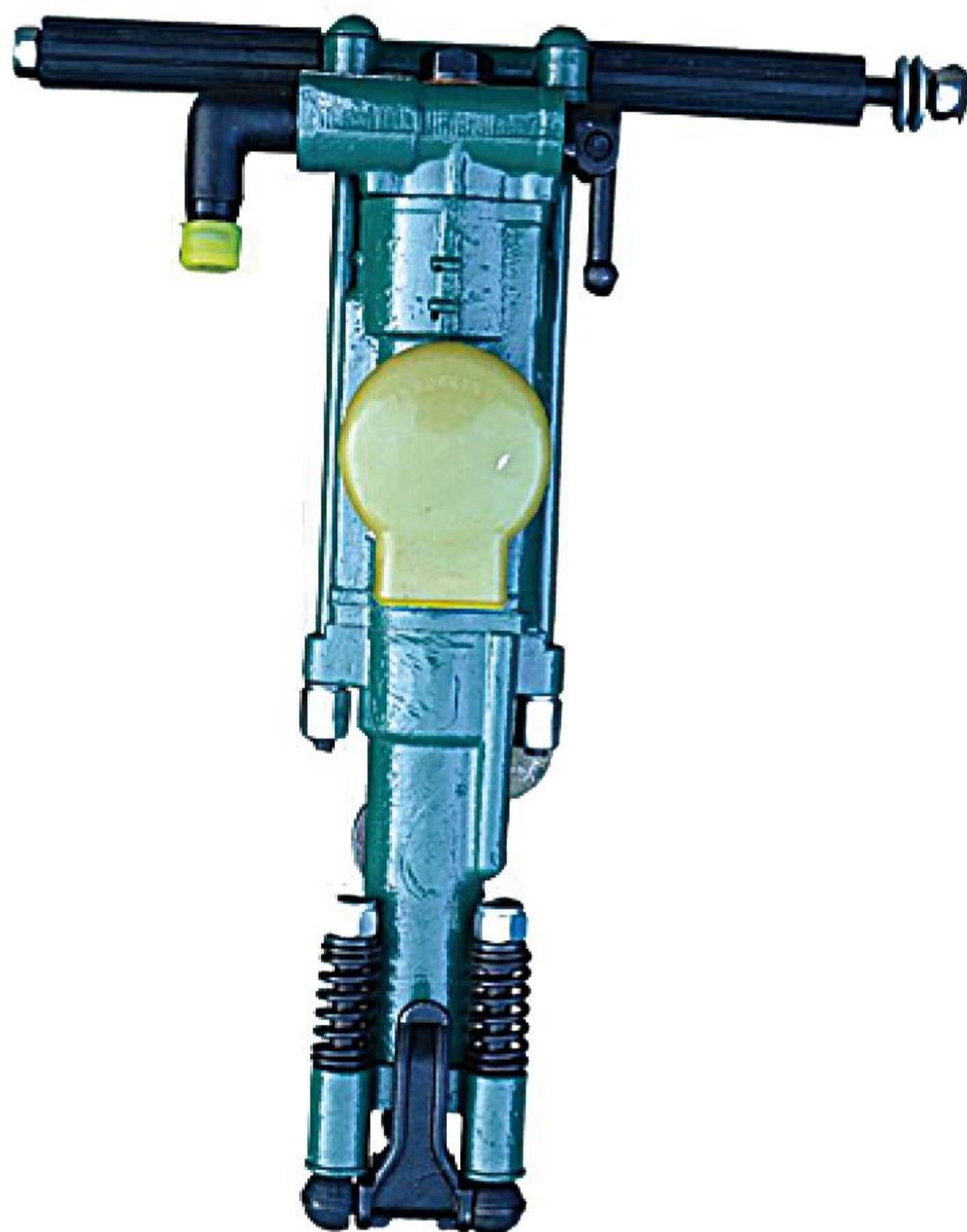
Y26 Hand-held Rock Drill,featuring small volume,light weight, and low air consumption,can drill rock in dry.It is suitable for drilling vertical downward or gradient blasting holes or secondary blasting holes in the surface of rocks in construction of mines,stone pits road building in mountainous area and water conservation.

Y26 Rock Drill,equipped with independent strong blowing system,in suitable for drilling vertical downward blasting holes.



Technical parameter

Model	N.W. Kg	Length Mm	Bit Head Size Mm	Air Consumption L/S	Percussive Frequency Hz	Boreholes Diameter Mm	Piston Diameter Mm	Piston Stroke Mm	Revolution Number R/min	Air Inlet Size Mm
Y26	26	650	R22 × 108	50	27	32-42	65	70	280	19



Y24 Hand-held rock drill

Y-24 type handle chisel rock machine is the modification product of our factory's YT24 type air foot chisel rock machine with advanced level in domestic, Suitable to be the secondary explode in overseas chisel rock station and downward boring task.

It except keep the best performance of national best quality product YT24 type chisel rock machine, also strengthen the capacity at blow and wash blasting holes; so it more suitable to drill and chisel the downward blasting holes.



Technical parameter

Model	N.W. Kg	Length Mm	Bit Head Size Mm	Air Consumption L/S	Percussive Frequency Hz	Boreholes Diameter Mm	Piston Diameter Mm	Piston Stroke Mm	Drilled Holes Depth M	Air Inlet Size Mm
Y24	24	604	R22 × 108	≤55	≥27	34-42	70	70	5	19



Y18 Rock drill

Technical parameter

Model	Machine weight Mm	Length Mm	Cylinder Diameter Mm	Piston Stroke Mm	Tracheal Diameter Mm	Inner Diameter Of Water Pipe Mm	Use Air Pressure Mpa	Using Water Pressure	0.4Mpa Working Pressure Impact Frequency 0.4Mpa	Air Consumption m ³ /Min
Y18	18	550	58	45	19	8	0.35-0.5	Use air pressure	1900 beats per minute	1.3

Y18 type handle and air feet double use chisel rock machine suitable to drill and chisel blast holes on the soft, medium and hard rocks, can assort use with W-1.5/4, W-1.8/5 and W-2/5 air compressor, widely used in mine, water conservancy, mine probe, quarrying, road, traffic and country protection project.

Can complete position chisel rock when handle use. Can assort with TF100 type air feet when air feet type chisel rock, chisel level and incline blasting holes.



Y19A Hand-held rock drill

Technical parameter

Model	N.W. Kg	Length Mm	Bit Head Size Mm	Air Consumption L/S	Percussive Frequency Hz	Boreholes Diameter Mm	Piston Diameter Mm	Piston Stroke Mm	Revolution Number R/min	Air Inlet Size Mm
Y19A	19	600	R22 × 108	≤43	≥35	34-40	65	54	200	19

Hand held Rock Drill Model Y19A is mainly used for drilling, second blasting and other works in mines, railway, and water conservancy projects. It is designed for both dry and wet rock drilling on hard medium hard rocks, and drilling vertical down or declined blast hole. It can be equipped with pusher leg FT100 for different work conditions.





YT27 type air feet type chisel rock machine high efficiency light type, suitable to wet type drill and chisel downward and incline holes on the medium solid or solid ($f=8-18$) rocks. The chisel hole diameter 34-45mm, valid drill hole depth reach up 5m. Has characteristics at strong blow wash blasting hole function, big rotating pick moment, the chisel rock tools which widely used in railway, water conservancy, country protection rock excavation project, assort use with FY250 type oil fill device and FT160A (or FT160B) type air feet, obviously better than same type products.



YT27 Air leg rock drill

Technical parameter

Model	N.W Kg	Length Mm	Bit Head Size Mm	Air Consumption L/S	Percussive Frequency Hz	Impact Energy J	Boreholes Diameter Mm	Piston Diameter Mm	Piston Stroke Mm	Working Air Perssure Mpa	Working Water Pressure Mpa	Drilled Holes Depth M
YT27	27	668	R22 × 108	≤ 80	≥ 36.7	≥ 75.5	34-45	80	60	0.63	0.3	5



YT24 air leg type rock drill is our country relatively early finalize the design product, it and the same type rock drill comparison: the mass is light, the noise is small, the efficiency is high, the economic effect is good and so on. It is most suitable for medium and small mines.



YT24 Air leg rock drill

Technical parameter

Model	N.W Kg	Length Mm	Bit Head Size Mm	Air Consumption L/S	Percussive Frequency Hz	Water Pipe Inner Dia Mm	Boreholes Diameter Mm	Piston Diameter Mm	Piston Stroke Mm	Working Air Perssure Mpa	Drilled Holes Depth M	Air Inlet Size Mm
YT24	24	678	R22 × 108	≤ 66.7	≥ 31	13	34-45	70	70	0.63	5	19



YT-28 type air drill adopt the modern chisel rock machine' s design technology, compare to the same type products, it has the advantages that high efficiency, small noise, light weight, better economy effect and fast feeding speed. This machine most suitable to the chisel rock task at large scale mine, medium type mine and tunnel, better responding from domestic and oversea users.



YT28 Air leg rock drill

Technical parameter

Model	N.W Kg	Length Mm	Bit Head Size Mm	Air Consumption L/S	Percussive Frequency Hz	Boreholes Diameter Mm	Piston Diameter Mm	Piston Stroke Mm	Working Air Pressure Mpa	Working Water Pressure Mpa	Drilled Holes Depth M
YT28	26	661	R22 × 108	≤ 81	≥ 37	34-42	80	60	0.63	0.3	5



YT-29A type air foot model chisel rock machine is the heavy type air foot type chisel rock machine with the characteristics of high efficiency and low consumption, especially suitable to use in the construction building like railway, road and hydroelectricity, also be the renewal generation products in metallurgy and coal mine tunnel dig forward and various chisel rock tasks.



YT29A Air leg rock drill

Technical parameter

Model	N.W Kg	Length Mm	Bit Head Size Mm	Air Consumption L/S	Percussive Frequency Hz	Impact Energy J	Boreholes Diameter Mm	Piston Diameter Mm	Piston Stroke Mm	Working Air Pressure Mpa	Working Water Pressure Mpa	Drilled Holes Depth M
YT29A	26.5	659	R22 × 108	≤ 65	≥ 37	≥ 70	34-45	82	60	0.63	0.3	5



TY24C chisel rock machine is the portable small scale pneumatic type handle chisel rock machine, it's design and structure based on safety save oil technology. Suitable to secondary blasting task, mine and tunnel dig in, etc.



TY24C Hand-held rock drill

Technical parameter

Model	N.W. Kg	Length Mm	Bit Head Size Mm	Air Consumption M ³ /min	Working Air Perssure Mpa	Boreholes Diameter Mm	Piston Diameter Mm	Piston Stroke Mm	Drilled Holes Depth M	Air Lnet Size Mm
TY24C	27	610	R22 × 108	2.7	0.5-0.63	32-46	66.7	68	5	19

Product accessories



Air-leg



Oil feeder



Aiguille
Drill stem



Bit head

The company environment



