





- High Drilling Efficiency
- Stable Performance
- Automatic Leg Support

PUSH LEG ROCK DRILL



- Strong Adaptability
- Durability & Longevity
- Easy Maintenance



Model	YT23	YT24	YT27	YT28	YT29A
Weight(kg)	24	24	27	26	27
Cylinder Diameter(mm)	76	70	80	80	82
Piston stroke(mm)	55	70	60	60	60
Working pressure(Mpa)	0.4~0.63	0.4~0.63	0.4~0.63	0.4~0.63	0.4~0.63
Water Pressure(Mpa)	0.3	Air pressure-0.05	0.2-0.3	Air pressure-0.1~0.15	Air pressure-0.1~0.15
Impact ferquency(Hz)	≥28	≥31	≥40 (0.63Mpa)	≥36 (0.63Mpa)	≥38 (0.63Mpa)
Impact energy(J)	≥45	—	≥70 (0.63Mpa)	≥70 (0.63Mpa)	≥80 (0.63Mpa)
Air Pipe Inner Diameter(mm)	25	19	25	25	25
Water Pipe Inner Diameter(mm)	13	13	13	13	13
Drilling speed(mm/min)	≥ 410	—	≥ 300	≥ 300	≥ 400
Drilling Diameter(mm)	34-42	34-42	34-42	34-42	34-45
Maximum Drilling Depth(m)	5	5	5	5	5
Shank Size(mm)	Hex.H22x108±1	Hex.H22x108±1	Hex.H22x108±1	Hex.H22x108±1	Hex.H22x108±1

Available Machine Colors



oller	FY200A	FY200B	FY200C	FY250
Weight	1.2kg	1.2kg	1.2kg	1.2kg
Oil volume	0.2L	0.2L	0.2L	0.25L

Air leg	FT160A	FT160B	FT160C	FT140B	FT160BC	FT160BD	
Length	1668	1428	1820	1687	1800	1400	mm
Feed length	1338	1098	1490	1250	1365	965	mm
cylinder inner diameter	65	65	65	60	65	60	mm
Weight	17	15	18	≈ 15.6	≈ 16.9	≈ 13.9	kg



MODEL S82



The S82 Air-Leg Rock Drill is a heavy-duty rock drilling tool designed for high torque, stable performance, long drill tool lifespan, high efficiency, and low energy consumption. It is suitable for drilling horizontal and inclined blast holes in rock formations ranging from soft to hard rock. The typical borehole diameter is 34mm to 45mm, with an optimal drilling depth of 5 meters.

Depending on tunnel cross-section size and working conditions, it can be equipped with the FT160A air-leg, FT160C long air-leg, or FT160B short air-leg. Additionally, it can be mounted on drilling rigs or frames for both dry



	Weight(kg)	Length(mm)	Piston stroke(mm)	Percussive frequency(Hz)	Piston diameter(mm)	Air consumption(m³/min)	Air Tube Inner Dia.(mm)	bit head size
S82	26.5	659	60	36-39	82	3.12~5.28	19	H22*108



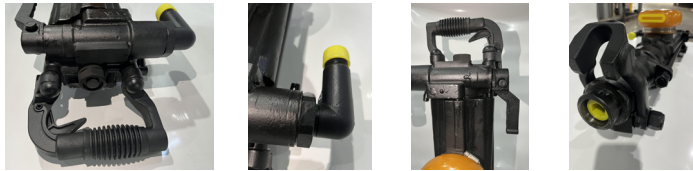
NEW MODEL YT30

Stronger Impact Higher Efficiency Greater Durability

The YT30 is an advanced new machine co-developed with retired engineers from **Epiroc** and **Atlas Copco**. After a year of testing across various mining sites, it has demonstrated greater stability, stronger impact power, and higher efficiency.

The YT30 Pneumatic Leg Rock Drill is a heavy-duty rock drill designed for high efficiency and low air consumption. It is particularly well-suited for railway, highway, and hydropower construction projects. Additionally, it serves as an advanced replacement for rock drilling equipment in mining tunnels, catering to industries such as metallurgy and coal mining.

The YT30 is engineered for drilling horizontal and inclined holes in medium-hard to hard rock (f = 8~18). It supports borehole diameters ranging from Φ34 to 45 mm, with an optimal economic drilling depth of 5 meters. The drill can be paired with a drill rig or drill stand for both dry and wet drilling operations.



Weight	Rated pressure	Impact Frequency	Air consumption	Impact energy	Drilling speed	Overall dimensions	cylinder diameter	piston stroke	torque	Air hose inner diameter	Water hose inner diameter
29kg	0.4-0.63Mpa	≥ 38HZ(at 0.63Mpa)	≤ 85L/s(at 0.63Mpa)	≥ 80J(at 0.63Mpa)	≥ 400mm/min(at 0.63Mpa)	670*225*210(±20)mm	82mm	60mm	≥ 20N.m(at 0.63Mpa)	25mm	13mm



MODEL S250

Strong Impact Power, Self-Propelled Function, Durable Construction



Weight	33.5 kg
Air consumption (at 6 Bar)	83 l/s
Drill Steel Chuck Hex	22x108 mm
Piston diameter	79.4 mm



STOPER YSP45

Capable of drilling upward blast holes at angles ranging from 60° to 90° relative to the horizontal plane.



	Weight(kg)	Piston stroke(mm)	Percussive frequency(Hz)	Piston diameter(mm)	Length(mm)	Air consumption(m³/min)	Air Tube Inner Dia.(mm)	bit head size
YSP45	44	47	≥ 46(at 0.63Mpa)	—	1420	6.8	25	H22x108 ± 1



- Versatility
- Minimal Setup Requirements
- Mobility in Uneven Terrain

HANDHELD ROCKDRILL



	Y5	Y6	Y19A	Y26	Y28	Y018(18PA)	Y020	Y20LY	TY-24C
Weight(kg)	4.5	7	19	26	25	18	20.5	18	27
Length(mm)	366	400	600	650	661	550	561	609	610
Cylinder Diameter(mm)	34	—	65	65	80	58	63	60	66.7
Piston stroke(mm)	32		54	70	60	45	55	50	68
Working pressure(Mpa)	0.5~0.6	0.4~0.63	0.4~0.5	0.4~0.5	0.4~0.5	0.4~0.5	0.4'0.5	0.4'0.5	0.5~0.63
Water Pressure(Mpa)	—	—	0.3		—	0.2~0.3	0.2~0.3	0.2~0.3	
Air Pipe Inner Diameter(mm)	10	—	19		19	19	19	16/19	19
Water Pipe Inner Diameter(mm)	—	—	13		—	8	8	8	
Air consumption(L/s)	≤ 12	≤ 11 (at 0.4Mpa)	≤ 37 (at 0.4Mpa)	≤ 47 (at 0.4Mpa)	75	≤ 20	* ≤ 33 (2m³/min)"	≤ 25	≤ 45
		≤ 14 (at 0.5Mpa)	≤ 43 (at 0.5Mpa)	≤ 50 (at 0.5Mpa)					
		≤ 17 (at 0.63Mpa)							
Impact energy(J)	2.5	> 15 (at 0.4Mpa)	> 28 (at 0.4Mpa)	> 30 (at 0.4Mpa)	—	* > 17J (2.5kgf.cm)"	> 26	—	
		> 18 (at 0.5Mpa)	> 40 (at 0.5Mpa)	> 48 (at 0.5Mpa)					
		> 22 (at 0.63Mpa)							
Impact frequency(HZ)	> 48	> 17 (at 0.4Mpa)	> 28 (at 0.4Mpa)	> 23 (at 0.4Mpa)	28	> 30	> 33	> 30	
		> 19 (at 0.5Mpa)	> 35 (at 0.5Mpa)	> 27 (at 0.5Mpa)					
		> 21 (at 0.63Mpa)							
Drilling Diameter(mm)	—	—	34~40	34~42	30'45	36~42	36~42	34~40	32~46



- Lightweight Design
- Portability and Flexibility
- High Cost-Effectiveness

JACK HAMMER



	TGD-20	G7(TCA-7)	G10&G11	G15&G16	G20
weight(kg)	10	7.3	10.4	12.5	20
length(mm)	520	465	570	600	550
Piston stroke(mm)	60	120	155	185	200
Working air pressure(Mpa)	0.4-0.63	0.4-0.63	0.4-0.63	0.4-0.63	0.63
Gas consumption(L/S)	≤18.3	≤26	≤26	≤27	≤28
Impact Frequency(Hz)	≥33.3	≥21.6	≥16.5	≥17.5	≥16
Air Pipe Inner Diameter(mm)	12.7	19	16	19	
Shank Size(mm)	22mm x 82	dia.26*80	dia.24*70	dia.24*70	dia.30*87



BREAK

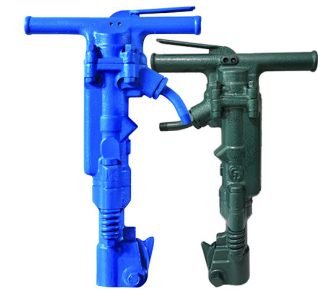
Stronger Impact Higher Efficiency Greater Durability



SL80	Weight(kg)	Piston stroke(mm)	Percussive frequency(Hz)	Piston diameter(mm)	Length(mm)	Air consumption(m³/min)	Air Tube Inner Dia.(mm)
	37	189	18.3	57	733	2.04	19

	tpb-40	tpb-60	tpb-90
Weight(kg)	18	30	42
Piston stroke(mm)	146	100	152
Percussive frequency(Hz)	17.5	23.3	23.3
Piston diameter(mm)	44	57.15	66.67
Length(mm)	660	645	723
Air consumption(m³/min)	1.6	2	2.2
Air Tube inner Dia.(mm)	19	19	19
bit head size	R25*108	R32*152	R32*152

SANTIK



	B47	B50	B67C	B87C
Weight	21.5	18	30	39
Length(mm)	550	660	615	686
Cylinder Diameter(mm)	—	44	50.8	63.5
Piston stroke(mm)	100	146	—	—
Working pressure(Mpa)	0.63	0.63	0.63	0.63
Air Pipe Inner Diameter(mm)	19		19	19
Impact frequency(HZ)	21	22	24 ± 5%	18 ± 5%
Air consumption(L/s)	28	26.6	42 ± 5%	55 ± 5%
Impact energy(J)	76	—	37 ± 10%	100 ± 10%
Shank Size(mm)	24.5*108	25x108mm	—	—



YGZ90

Stronger Impact Higher Efficiency Greater Durability

The YGZ90 rail-mounted independent rotary rock drill can be used in conjunction with a drilling jumbo or drilling rig to drill blast holes with diameters ranging from ϕ 50 to ϕ 80 mm and an effective depth of 30 meters in medium-hard to hard rock ($f=8-18$).

This machine is primarily used in underground mining for drilling upward parallel or fan-shaped blast holes. When paired with an open-pit drilling rig, it can drill downward or horizontal blast holes in small to medium-sized open-pit mining operations or rock excavation projects. It is also suitable for other applications requiring medium to deep blast hole drilling.



Specification	Overall Dimensions (L×W×H)	Weight	Cylinder Diameter	Piston Weight	Operating Air Pressure at 0.63 MPa	Impact Energy	Impact Frequency	Operating Water Pressure	Rotation Torque	Air Consumption for Rock Drilling	Air Pipe Inner Diameter	Impact Section	Rotation Section	Water Pipe Inner Diameter	Drilling Diameter	Shank Specification
Value	876×355×303 mm	95 Kg	125 mm	7 Kg		≥ 225 J	≥ 34 Hz	0.4 ~ 0.5 MPa	≥ 140 Nm	≤ 225 L/s		38 mm	25 mm	19 mm	50~80 mm	38×97 mm

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