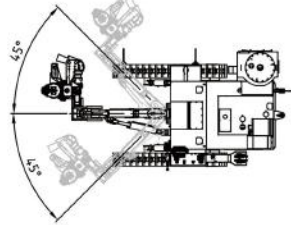
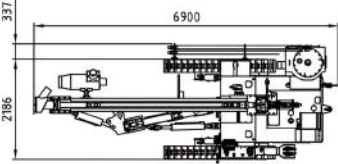
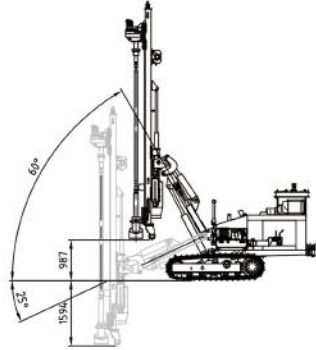
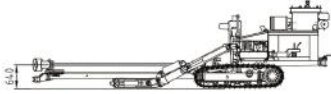


- Use TAIYE-360A-TH
Drill boom enables
ultra-low horizontal hole drilling



TAIYE-360-TH

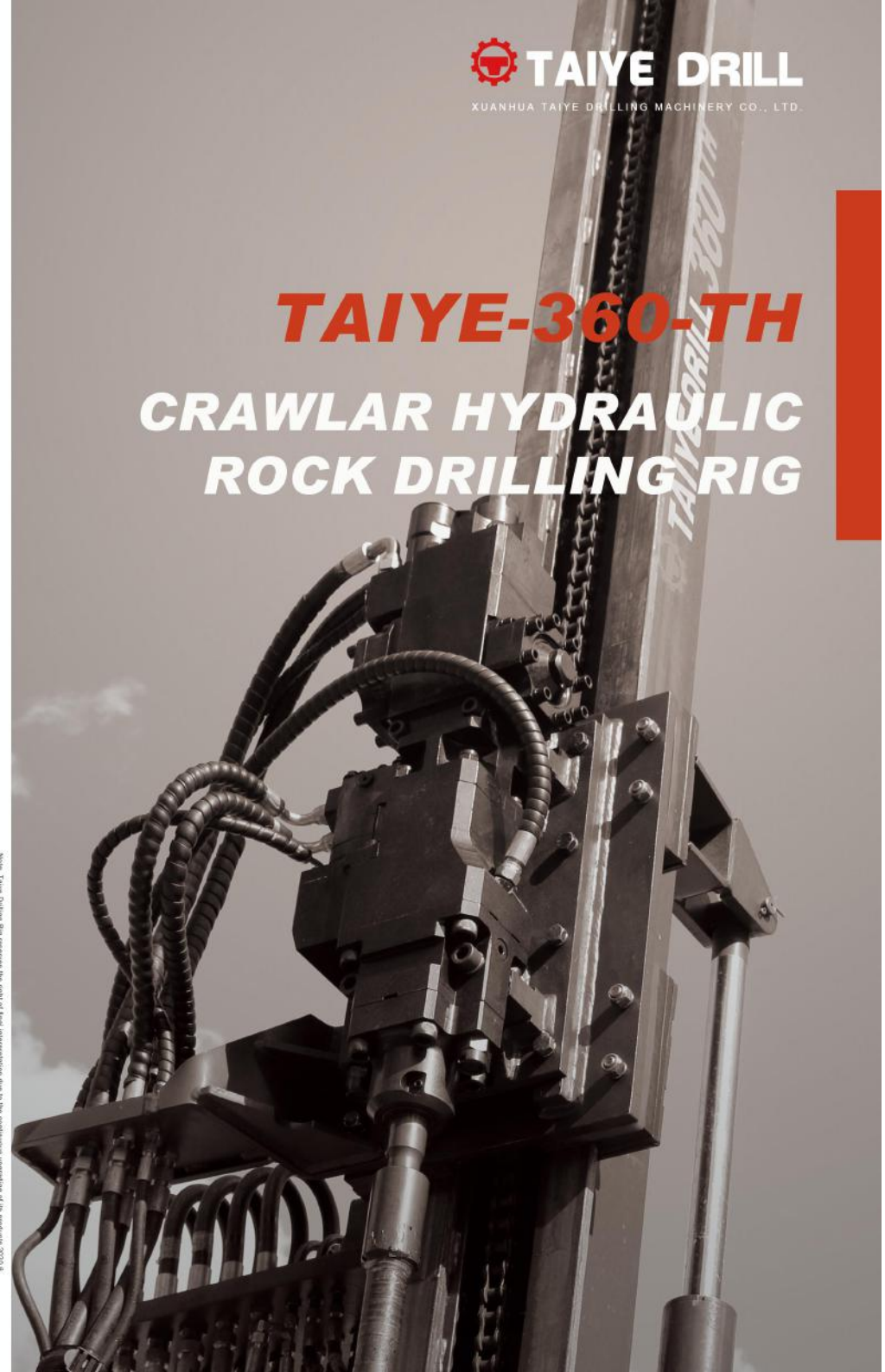
CRAWLAR HYDRAULIC ROCK DRILLING RIG

Technical Parameter

Model	TAIYE-360-TH	Walking speed	1.5-3 Km/h
Hole diameter range	40-89 mm	Pushing/lifting speed	0.4-0.81 m/s
Hole depth	15 m	Carriage swing(on the right)	Right 4° / Left 92°
Drill rod	R32、T38、T45	Carriage swing(on the left)	Right 35° / Left 53°
Rock drill type	TH350	Carriage pitching	180°
Power of rock drill	17 Kw	Drill boom swing	Left Right / 45°
Impact frequency of rock drill	40-54 Hz	Drill boom pitching	Horizontal 25° / 60°
Rotary torque	550 N.m	Car body floating	± 7.5°
Rotary speed	0-220 rpm	Gradeability	35°
Working air pressure	0.8-1.2 Mpa	Ground clearance of chassis	435 mm
Carriage stroke	4235 mm	Engine Manufacturer	Yuchai Diesel etc
Min height of horizontal hole	528 mm	Engine Power	73.5 Kw
Max height of horizontal hole	3565 mm	Fuel tank capacity	200 L
compensation Length	1000 mm	Dust removal method	Dry type or wet type
Catcher Stroke	350 mm	Dimensions	6900X2186X2300 mm
Pushing/Lifting force	20000 N	Weight	6500 KG



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TAIYE-360-TH Crawler hydraulic rock drilling rig

Which You can trust

After long-term technical research, development and customer feedback on the construction site for nearly 8000 hours, TAIYE-360 series drilling rigs have proven their outstanding performance. After the refinement of the production process, the Top-drive hydraulic rock drilling rig with faster drilling speed was introduced to open quarries and municipal construction projects. TAIYE-360-TH is a highly efficient and economical drilling rig produced by TAIYE DRILL, a over 25-years drill focused company, which integrates the current advanced hydraulic technology. The machine is equipped with Yuchai's 100 hp multi-point injection fully electronically controlled diesel engine with high fuel economy, which can reasonably distribute the power requirements of hydraulic system and rock drill, which provide accurate impact power and rotary torque output. It is a practical and efficient drilling model for drilling 40-89mm apertures.

TAIYE-360-TH continues the excellent technical quality of TAIYE-370 series, which is solid, durable, efficient and economical. It is wise choice of less investment and steady return in drilling construction.

+ Rock drill

The drilling rig adopts a new generation TH350 hydraulic rock drill with high crushing efficiency.

The impactor power is 17kw and the impact frequency is up to 2400-3240bpm. It can automatically adjust the speed of rock drilling and ensure the highest efficiency of impact piston transmission, which can easily deal with various rocks. The independent and reliable impactor lubrication system can reduce impact noise and vibration while doing efficient drilling and crushing, and prolong the service life of the rock drill. With simple operation, TAIYE-360-TH can achieve a comfortable drilling experience.

● Lifiable dust catcher

High-efficiency dust catcher, completely suck up the rock debris generated when the hole is opened, the dust-catching hood can be raised and lowered to facilitate observation of the drilling situation.

● Lifting gearbox

It adopts advanced end-flow valve cycloidal hydraulic motor, shaft seal design, with excellent high load-bearing capacity, to ensure strong short-term overload capacity, large output torque, reliable braking, fast lifting speed, reduce the time for change the rod.

● Carriage/Drill boom

The inclination of the carriage is 20°, which is convenient for the operator to observe the drilling situation. It can help to improve the drilling accuracy, and prevent accidental injuries when connecting and removing the rod.

The sturdy mechanical arm and the oil cylinder are connected by the lock pin shaft, which can prevent the pin shaft from rotating and axially moving in the connection of the components.



● Dust removal system

The dust collector adopts pulse spray-blow dust cleaning technology, and uses high-precision filter paper, which is made of imported filter paper, which is layer-by-layer purification, stable and reliable, strong dust removal ability, high dust removal efficiency, and protects the health of the operator. The heat dissipation system adopts oil-water composite radiator, which can ensure that the engine and hydraulic system continue to work normally under various harsh working conditions.

● Engine/Air intake system

The rig is equipped with Yuchai diesel engine as standard. The diesel engine meets China III exhaust emission standards and can be replaced with cylinders. The maintenance is simple and the cost is low. Yuchai's after-sales personnel actively track services to ensure product quality. The engine is placed vertically, so that the working height of the whole machine is reduced to 1600mm; because of the low center of gravity, climbing ability of the rig can reach 35°. The machine is safer to move, and the maintenance will be more convenient. The maintenance-free automatic injection air filter of the engine air intake system can automatically spray dust when the power of the drilling rig is turned off, saving labor.



● Operating platform

The valve of the operating platform can be adjusted between 0-90°, so as to clearly observe the state of the moving machine, select the operating angle according to the working conditions, and prevent the occurrence of traction accidents. The operating platform conforms to the ergonomic layout and takes into account comfort, and can be achieved Centralized control of multiple actuators. The operation valve is sensitive and accurate.

● Walking motor

Output of the walking motor is stable, which has brake valve and mechanical brake, high braking sensitivity. Chassis clearance from the ground is 435mm. When that facing the rugged ground, its climbing and passing ability will be shown.

