



MITRA TEKNINDO SEJATI

TYSIM PILING KR60A

SINGLE LOAD TRANSPORTATION
FULLY HYDRAULIC
ROTARY DRILLING RIG



CONTACT US

Jakarta

Galeri Niaga Mediterania 1
Jl. Pantai Indah Utara II Blok. X3 No. G8A-8B
Pantai Indah Kapuk - Jakarta Utara
Telp. 021 52393819

Makassar

Jl. Ir. Sutami, Pertamina (Pengisian Gas Elpiji)
PT. Pergudangan Permata Alam Blok B No. 10
Makassar - Sulawesi Selatan
Telp 04118037636

Tangerang I

Kawasan Industri Milenium Blok P2 No. 3
Jl. Pemda Tigaraksa, Sukamulya,
Cikupa, Tangerang - Banten
Telp. 021 59645008

Tangerang II

Kawasan Bizlink Citra Raya Blok O 08/20
Jl. Pemda Tigaraksa, Sukamulya
Cikupa, Tangerang - Banten

Bantaeng

Jl. Dusun Mawang, Desa Papanloe,
Pajukukang, Bantaeng Regency
Sulawesi Selatan

Samarinda

Jl. Ampera Pergudangan Mangkupalas Bisnis
Center Blok D20 Simpang Pasir
Palaran, Samarinda - Kalimantan Timur

Surabaya

Jl. Gunungsari No. 55-59 (Gudang B),
Surabaya - Jawa Timur
Telp. 031 99545799

KR60A SINGLE LOAD TRANSPORTATION FULLY HYDRAULIC ROTARY DRILLING RIG

Technical Superiority

- The leading single load transportation hydraulic rotary drilling rig, can change transport state into working state rapidly;
- High-performance hydraulic system and control system in cooperation with Tianjin University CNC Hydraulic Institute of Technology , which can realize the machines construction efficiently and real-time monitor;
- The whole series of Tysim products have passed GB certification and EU EN16228 standard certification, better dynamic and static stability design to ensure construction safety.
- Optimized structural of single-cylinder luffing mechanism to make the operation stable easy maintenance and repair;
- Optimized designing of two-stage mast, achieve docking and folding of the mast automatically, improve the efficiency and save manpower;
- Advanced rotary angle displacement output mechanism and the central rotary joint output angular displacement design ensures higher reliability;
- Innovative drilling bucket depth measurement system shows higher accuracy than the competitive rig;
- Main winch bottoming protection and priority control function, making the operation easier;
- Multi-stage damping technology of the driving head to ensure that the whole construction is more accurate;
- Mast automatically adjust the vertical to enhance the accuracy of the hole;
- The innovative design Wind-Fire Wheels ensures work safer in nighttime;
- The driving head adopt reversible design to double its life;
- Humanity of the rear design can effectively increases storage space.
- New design of two-stage operating interface can make it more convenient to operate.

Technical Specifications

Performance parameter	Unit	Numerical value
Max. torque	kN.m	60
Max. drilling diameter	mm	1200
Max. drilling depth	m	20
Working speed	rpm	8~30
Max. cylinder pressure	kN	60
Max. hoist capacity	kN	90
Main winch pull force	kN	65
Main winch speed	m/min	48
Auxiliary winch pull force	kN	20
Auxiliary winch speed	m/min	48
Max. cylinder stroke	mm	2000
Mast side raking	°	±3
Mast raking forward	°	4
System pressure	mpa	34.3
Pilot pressure	mpa	3.9
Max. walking speed	km/h	2.8
Max. pull force	kN	121
Operating height	mm	10744
Operating width	mm	2700
Transport height	mm	3461
Transport width	mm	2700
Transport length	mm	8837
Total weight	t	22
Engine		
Engine type	QSB3.8-C115	
Engine form	4 cylinder in-line, Wear cooling, Turbocharger	
Displacement	L	3.9
Rated power	kw/rpm	86/2200
Max.torque	N.m/rpm	470/1400
Kelly bar		
Model	Interlocking	
Outer diameter	mm	φ 325
Layers * length of each section	m	4×5.8
Max.depth	m	20

