

187 Vonkprop Road
Samcor Park
Pretoria
0184
South Africa
P.O. Box 782, Silverton, 0127
Reg. No.: 1996/000393/23



Tel: +27 12 803 7925/6/7/8
Fax: +27 12 803 7085
E-mail: suprock@mweb.co.za
Sales E-mail: sales@superrockdrills.co.za
Website: www.superrockdrills.com
Export Customs Code: 00653225

Design, Manufacture and Supply of Earth Boring Machines and Equipment
Ontwerp en Vervaardiging van Grond-boormasjiene en Toerusting

26 June 2024

ROSVIN

Email: ajay@rosvinsa.com / ritesh@rosvinsa.com / matshela@rosvinsa.com

Tel: 011 784 5924/8 / 079 810 6062 / 061 823 7885

Dear Sir

SR5000 RIG ON SINOTRUK HOWO 8X4 (TRUCK SUPPLIED BY CLIENT) C/W ON-BOARD ATLAS COPCO COMPRESSOR

We thank you for your most valued enquiry and take pleasure in quoting you as follows:

SPECIFICATIONS OF THE HEAVY DUTY SR5000 DRILL RIG

The rig offered will conform to the following specifications;

LENGTH DERRICK DOWN	9 or 10 METERS
POWER PACK	KIRLOSKAR WATER COOLED 6- cylinder Turbo
DERRICK CAPACITY	68000 KG
DOWN PULL	10000 KG
PULL BACK	27 000 KG
FEED SPEED	0 TO 0.6 m/sec
ROTARY SPEED	0 TO 100 rpm
ROTARY TORQUE	12 000 NM
MAXIMUM RECOMMENDED DRILLING DEPTH	1000 METERS
NIGHT LIGHTS	12 OR 24 VOLT
ROD LENGTH	5 and 6 METERS
WINCH	1500 KG
FOAM PUMP	21 L/M



The derrick is fabricated from hollow drawn steel tube and hot-rolled sections. The feed cylinder has a 6.5 or 7.5 meter stroke (optional) and is coupled to an inner derrick, which carries the rotary head.

The rotary head will be of the reverse circulation multi-motor type with extra heavy-duty bearings, which take all forces produced during drilling operation. The bull shaft on the air swivel has a 4.5 inch REMET / 102 ARD or a 3.5" API thread to which the drill string is attached. A built-in shock absorber on the head minimizes vibration and shock loads to the machine and drill string. Hydraulic two-speed system is fitted as a standard to all machines. The rotary head is fitted to an inner derrick, which runs inside the outer derrick on six heavy-duty sliding blocks which almost eliminates all wear. APART FROM REVERSE CIRCULATION DRILLING THE ROTARY HEAD CAN DO DTH HAMMER – MUD ROTARY – AIR ROTARY – AUGER – TRICONE & RAB DRILLING.

Four hydraulic outriggers are fitted to the outer corners of the rig for easy and accurate levelling of the rig.

Twin hydraulic cylinders are used to raise and lower the derrick and to lock it in for angle drilling operations. All hydraulic controls are fitted into a single panel in front of the operator, making the operation of the machine very easy and simple even for unskilled operators. A fingertip down feed valve is fitted to ensure even pressures during drilling operations.

The working table is fitted with removable half ring guide collar locks, which when removed, allows 600mm diameter tools or augers to pass through. Guide bushes are supplied to suit drill string.

The power pack consists of a 6 cylinder Kirloskar Water cooled turbo diesel engine close coupled to a three-stage positive displacement gear pump. All necessary air, fuel, oil filters and coolers are fitted.

Keeper keys, rod-handling tools are supplied to suit drill string.

A breakout hydraulic cylinder is fitted to facilitate the breaking of hammers and drill rods.

A 10 litre inline oil lubricator for DTH hammers is fitted as a standard.

This is a light but very robust and maintenance free machine. The derrick has no cables, chains, pulleys or sprockets that wear out and break at the most untimely situation. The rotation head movement or stroke is six an a half meters, enabling six meter rods and casings to be easily handled.

The **SR5000** heavy duty is a very simple and easy machine to operate, making it ideal for unskilled operators. Being locally designed, patented and manufactured with over two hundred machines running in the mining, exploration, water well and piling industries has proved that the **SR5000** is a very popular and robust machine.



Qty	Description
1	NEW "SR5000" DRILL RIG AS PER ABOVE SPECIFICATION, PAINTED AND MOUNTED ON UNDERCARRIAGE, EXCLUDING UNDERCARRIAGE
1	WATER/FOAM PUMP
1	HYDRAULIC HEAD TILT
1	HYDRAULIC KEEPER KEY
1	HYDRAULIC SWING JIB - WINCH
1	HYDRAULIC ROD BREAKER
1	DUMP FACILITY
1	AUTO SAMPLER ONBOARD
1	JEAN LUTZ DIALOG MX2 MONITORING SYSTEM
1	SUITABLE TRUCK SUPPLIED BY CLIENT (8X4 HOWO)
	ON-BOARD COMPRESSOR:
1	NEW ATLAS COPCO X1300 - 1300 CFM 30 BAR COMPRESSOR
1	DIESEL TANK FOR COMPRESSOR INCLUDING 100LT START UP DIESEL

	R.C. DRILLING:
34	6 METER 4.5" REMET R.C. DRILLING ROD SCH80 @ R12,500.00
1	3" R.C. HOSE X 20M
2	HIGH PRESSURE HEAVY DUTY CLAMPS 4"
2	3" HOSE TAIL
2	KNOCK ON NUTS
1	R.C. TOP FLANGE
1	R.C. HEAD INNER TUBE
1	R.C. DEFLECTOR BOX
1	4.5" REMET PIN TO 4.5" REMET PIN ADAPTOR

***NOTE: DISCOUNT IS ON ORDERS PLACED FOR THE TURNKEY SOLUTION AS QUOTED. SHOULD ANY ITEM BE EXCLUDED, THE DISCOUNT AMOUNT WILL BE AFFECTED.**

****NOTE: ADDITIONAL TRANSPORT WILL BE REQUIRED FOR THE TRANSPORTATION OF ALL THE DRILL RODS AND TOOLS AS THE ROD LOADING DECK WILL BE ELIMINATED BY THE ONBOARD COMPRESSOR'S SIZE AND AUTO SAMPLER. THE DRILL RIG AND COMPRESSOR WILL BE SUPPLIED SEPERATLY. FITMENT OF THE COMPRESSOR TO BE DONE BY CLEINT DUE TO LONG LEAD TIME OF COMPRESSOR.**

Unless otherwise specified in the order, if the full payment for the drill rig is not received within 30 calendar days after the completion of the drill rig, Super Rock Drills reserves the right to resell the drill rig to cover costs incurred for the production of the drill rig, where after full payment has been received, a new drill rig will be manufactured.

Please note that the above price is net, EX Works Samcor Park, Pretoria, South Africa, and excludes 15% vat. A 30% deposit will secure your place in our production line. Typically a rig takes 8-10 weeks to manufacture. The final lead time could be longer due to existing commitments and will be determined upon the placement of the order and the deposit received.

This quote is valid for 30 days only and the price of the compressor is subject to the current Rand/Dollar rate of exchange.

We trust that the above meets with your requirements and look forward to your favourable reply.

Yours faithfully

Ge Jooste
Managing Member

WARRANTY, TERMS AND CONDITIONS

- Super Rock Drills warrants that at date of commissioning of new drill rigs, components supplied will be free of defects in material and workmanship.
- Super Rock Drills agrees to correct any defective components or parts thereof, provided that Super Rock Drills was advised in writing of the existence of such defective components within the "WARRANTY TIME PERIOD" described herein and provided that such defective components is made available for inspection purposes at the Super Rock Drills premises in Samcor Park, Pretoria.
- Super Rock Drills liability shall be the correction or replacement of defective components. This shall be the maximum liability and under no circumstances will Super Rock Drills be liable for consequential damages.
- Super Rock Drills shall not be liable for labour costs in removing or re-installing components or parts thereof.
- Super Rock Drills will not be held liable for any warranty issued by the buyer, greater than the scope of warranty as set out above.
- Super Rock Drills reserves the right to repair or replace any item under warranty at its own discretion.
- All warranty claims will be made good at our Samcor Park works.

WARRANTY TIME PERIOD

- Twelve months or 2000 Hours fair wear and tear on new drill rigs from date of supply provided that there is a record of service within this twelve months from date of supply.
- Record of such service to be proven and substantiated by Super Rock Drills or our accepted service agent.
- Warranty applies to all structural components. Excluded are electrical as well as all consumable components which are subjected to normal and expected wear and tear.

STATUS OF UNITS SENT FOR WARRANTY

Should any components under warranty be stripped, opened or worked on by anybody other than Super Rock Drills or an appointed service agent prior to Super Rock Drills receiving the item, then Super Rock Drills reserves the right to waiver the warranty.