



SHMG Equipment (Canada) Corporation



Drilling Machine - Catalog

Difference between KQG150 and KQ150 is one is high press and the other is low. This series of drill features:

- ◆ Large drill diameter
- ◆ Efficient drill speed
- ◆ Highly automated
- ◆ Highly maneuverable
- ◆ Ergonomic and energy saving

KQG150 high pressure drill is also efficient with low wear drill tool. (Drilling speed is three times faster than low pressure drill). Ideal choice for mining, waterway, and transportation.



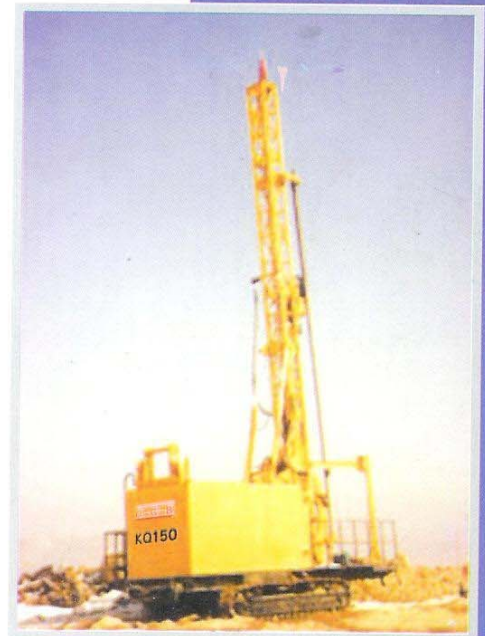
KQG150

HIGH PRESSURE DRILL STATION

KQ150

LOW PRESSURE DRILL STATION

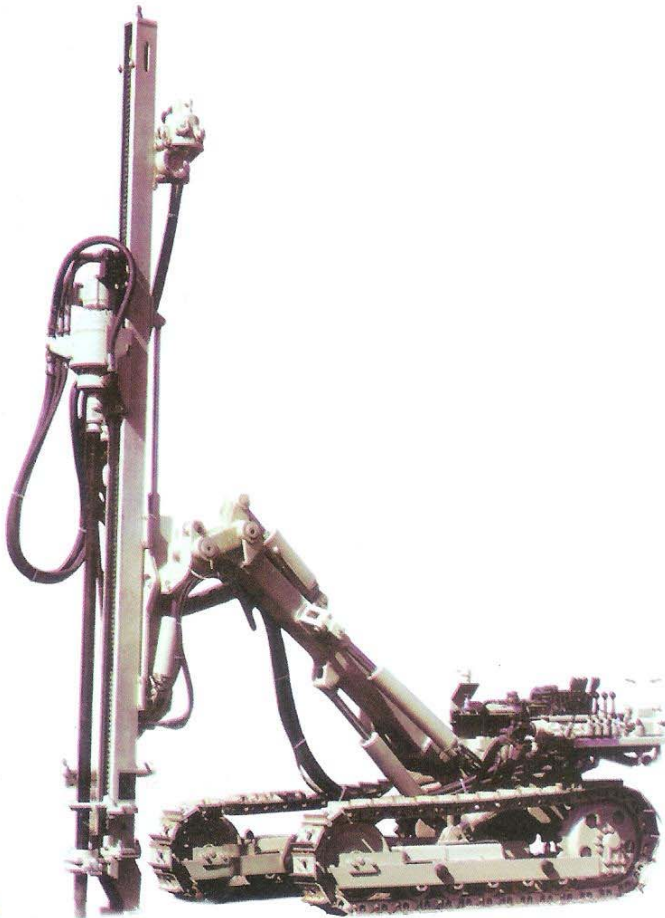
KQG150 SPECIFICATION	
HOLE DIAMETER (mm)	152-165
HOLE DEPTH (m)	17.5
HOLE DIRECTION AND ANGLE (°)	75, 90 FROM THE GROUND
SUITABLE ROCK TYPE	f>8
TORQUE (N*m)	2340, 2430, 2080
SINGLE PENETRATION DISTANCE (m)	9
RAISING VELOCITY (m/min)	16
FORCE (N)	0-15000
ROTATIONAL VELOCITY (rpm)	24/33/49
POWER CAPACITY (kW)	70 (380V)
MOVING VELOCITY (km/h)	1
MAX CLIMBING ANGLE (°)	14
WORKING AIR PRESSURE (MPa)	1.05-2.5
AIR CONSUMPTION (m ³ /min)	16-26
MOVING EXTERIOR DIMENSION (mm)	6590*3125*12900
TOTAL WEIGHT (t)	16.5
COMPATIBLE SERIES	DHD360
DUST REMOVAL METHOD	WET, DRY



CLQ-120G High Pressure Outdoor Drill

CLQ-120G HIGH PRESSURE OUTDOOR DRILL IS CONSTRUCTED WITH A REPUTABLE TECHNOLOGY, ALL CRITICAL PARTS ARE MANUFACTURED IN USA. WITH A HIGH EFFICIENCY PNEUMATIC MOTOR AND THE LATEST DHD OR QL SERIES THRUSTING SYSTEM, CAN BE USED WITH AIR PRESSURE UP TO 2.46MPa. TRAVELING ON MEDIUM HARD ROCK IT CAN REACH SPEED UP TO 20-30 m/h. CLQ-120G DRILL IS IDEAL FOR MEDIUM TO LARGE SIZE OPERATION.

CLQ-120G SPECIFICATION	
WORKING AIR PRESSURE	1.05-2.46
HOLE DIAMETER (mm)	105-165
HIGHEST DRILL TEETH HOLE LEVEL (m)	3.38
MAX CLIMBING ANGLE (°)	26
SINGLE PENETRATION DEPTH (m)	3.66
ROTATION VELOCITY (rpm)	0-72
FORCE (N)	13620
VERTICAL ANGLE MOVEMENT ON FRAME (°)	180
HORIZONTAL ANGLE MOVEMENT ON FRAME (°)	L:50, R:35
HORIZONTAL ANGLE MOVEMENT ON DRILL ARM (°)	L:45, R:45
VERTICAL ANGLE MOVEMENT ON DRILL ARM (°)	UP: 60, DOWN: 19
MOBILE MOTOR POWER (kW)	6.2*2
PENETRATING MOTOR POWER (kW)	3.36
ROTATION MOTOR POWER (kW)	18.34
TORQUE (N*m)	2510
EXTERIOR DIMENSION (L*W*H) (mm)	2780*2210*1470
TOTAL MASS (kg)	5000
AIR CONSUMPTION (m ³ /min)	17-21
COMMON COMPATIBLE SERIES	DH-4, DH-6, QL-40, DHD-340, DHD-360
DUST REMOVAL METHOD	WET OR DRY



CLQ-80A

LOW PRESSURE OUTDOOR DRILL MACHINE

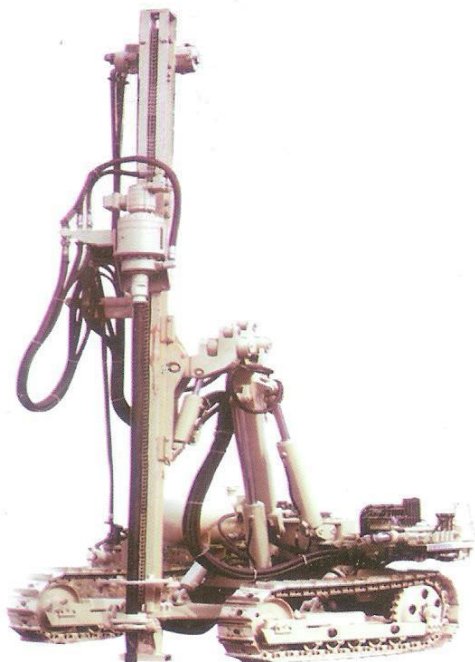
CLQ-80A DRILL IS POWERED BY PNEUMATIC FOR ALL ITS MOTION AND ACTION. MAINLY USE FOR OPERATIONS LIKE OUTDOOR MINING, CONSTRUCTION, WATERWAY, POWERSTATION, TRANSPORTATION.

CLQ-80A SPECIFICATION	
HOLE DIAMETER (mm)	80-120
HOLE DEPTH (m)	20, LESS THAN 30 HORIZONTALLY
HIGHEST DRILL TEETH HOLE LEVEL (mm)	3400
LOWEST DRILL TEETH HOLE LEVEL (HOR) (mm)	185
ANGLE BETWEEN DRILL TEETH AND GROUND (°)	0-90
ANGLE BETWEEN THE BODY (°)	L:90
FUNCTIONAL THRUST DISTANCE (mm)	3000
THRUSTER REENFORCE LENGTH (mm)	1000
VERTICAL SLIDE ANGLE (°)	90 (UP AND DOWN)
HORIZONTAL SLIDE ANGLE (°)	L:90, R:45
DRILL ARM VERTICAL ANGLE (°)	70 (UP AND DOWN)
ROTATIONAL ANGLE (°)	L&R: 45
CLIMBING ABILITY (%)	46
MOVING VELOCITY (km/h)	3
ROTATIONAL VELOCITY (rpm)	0-50
MAX MOBILE MOTOR AIR CONSUMPTION (kW)	0.283
MOBILE MOTOR POWER (kW)	11.8
THRUSTER MOTOR POWER (kW)	2.2
ROTATIONAL MOTOR POWER (kW)	4.4
EXTERIOR DIMENSION (SLIDE NOT INC) (mm)	2800*2100*1400
TOTAL MASS (kg)	5000



CLQ120

MEDIUM PRESSURE OUTDOOR DRILL MACHINE



CLQ120 SPECIFICATION	
WORKING AIR PRESSURE (MPa)	0.7-1.2
HOLE DIAMETER (mm)	105-115
HOLE DEPTH (m)	HOR: 30, D: 20
HIGHEST DRILL TEETH LEVEL (m)	3.4
LOWEST DRILL TEETH LEVEL	HOR: 0.5
MAX CLIMBING ANGLE (°)	25
SINGLE PENETRATING LENGTH (m)	3
ROTATION VELOCITY (rpm)	0-72
FORCE (kg)	1200
SLIDE VERTICAL ANGLE (°)	90 (UP AND DOWN)
SLIDE HORIZONTAL ANGLE (°)	L: 50, R: 35
DRILL ARM HORIZONTAL ANGLE (°)	L&R: 45
DRILL ARM VERTICAL ANGLE (°)	70 (UP AND DOWN)
MOBILE MOTOR POWER (kW)	6
THRUSTER MOTOR POWER (kW)	2.2
ROTATIONAL MOTOR POWER (kW)	18.34
EXTERIOR DIMENSION (L*W*H) (mm)	2800*2188*1388
TOTAL MASS (kg)	5300
AIR CONSUMPTION (m ³ /min)	20
COMPATIBLE SERIES	DHD-340A, DH-4
DUST REMOVAL METHOD	WET (INC), DRY (FC-10 REQUIRED)