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INDUSTRIAL AND ENGINEERING
TECHNOLOGIES

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ABOUT US

Industrial and Engineering Technology Co., Limited is a Hong Kong-based company dedicated to the design, manufacture and supply of high-quality drilling rigs, mud pumps, air compressors and drilling tools.

Our equipment is widely used in water well drilling, soil sampling, geological exploration, mineral exploration, foundation drilling, geothermal drilling and solar pile installation. All products are manufactured in strict accordance with international quality standards and are well recognized by customers.

We have more than 100 sets of advanced manufacturing and testing equipment, including large-scale forging press, CNC machining centers, various processing machines and complete quality control facilities.

Our professional engineering team ensures reliable production and strict inspection at every stage to provide stable performance and long service life.

Customer satisfaction is our top priority. We are committed to delivering high-quality products, efficient service and professional technical support. We look forward to working with you and building long-term cooperation.



PORTABLE WATER WELL DRILLING MACHINE



RCS200P

Model of drilling machine	RCS200P
Drilling machine overall dimension (mm)	1800×1000×2000
Weight of Drilling machine (kg)	1000
Drill rod diameter (mm)	Φ50
Drill rod length (mm)	1500
Rod change method	Full automatic screw thread
Drilling depth (m)	150
Diesel Motor Power (Hp/kw)	22/16.2
Drilling method	Percussive and rotating type
Pump power (Hp)	2.2KW
Drilling hole diameter (mm)	Within Ø 400
Hosting height (mm)	2000
Hosting capacity (kg)	1500

TRAILER MOUNTED WATER DRILLING MACHINE



RC120W



RCF150W

Model	RC120W	RCF150W
Drilling diameter	90-220 mm	100-219 mm
Drilling depth	120 m	150 m
One time propelling length	2000 mm	2300 mm
Walking speed	3 km/h	3 km/h
Climbing angles	30	30
Diesel engine power	25 HP	32 HP
Swing speed	60-120 rpm	40-65 rpm
Rotary torque	2200 N.m	2600-4000 N.m
Using air pressure	0.7-1.4 MPa	1.45-2.5 MPa
Air consumption	7-15 m³/min	15-29 m³/Min
Size	4375×1650×1920 mm	4000×1450×2050 mm
Total weight	1700 kg	3000 kg

TRAILER MOUNTED WATER DRILLING MACHINE



RCF200W



RCF200WT

Model	RCF200W	RCF200WT
Gross weight (T)	4.7	4
Dimension (mm)	4300×1700×2350	3400×1500×2200
Aperture (mm)	140-300	140-254
Drilling depth(m)	200	200
Feed stroke (mm)	3300	1500
Travel speed (km/h)	30	30
Grade ability	30°	30°
Distance from ground (mm)	250	250
Wind pressure (MPa)	1.7-2.5	1.7-2.5
Air consumption (m3/min)	15-27	17-30
Drill pipe diameter (mm)	Φ76 Φ89	Φ76 & Φ89
Drill pipe length (m)	1.5 2.0 3.0	1500
Lifting force (T)	13	12
Engine power (KW)	65	30
Rotary speed (RPM)	45-70	45-65
Rotation torque (N.m)	4200-5000	4500-5000

TRAILER MOUNTED WATER DRILLING MACHINE



RCF260W



Model	RCF260W
Bore diameter(hammer)	90-350mm
Bore depth	260m
Air consumption	17-35m³/min
Air pressure	1.7-3.0MPa
Pipe diameter	76mm/89mm
Pipe length	3m
Push force	4T
Lifting force	15T
Lifting speed	2.5m/min
Feeding speed	0.5-5m/min
Fast lifting speed	18m/min
Fast feeding speed	35m/min
Max torque of rotary	4000-5300N.m
Rotary speed	45-70r/min
Mud Pump flow	250L/min (option)
High hydraulic leg	1.5m
Feeding efficiency	10-35m/h
Travel speed	2.5Km/h
Climb ability	30°
Dimension(L*W*H)	4000×1550×2300mm
weight	6500kg
Diesel engine	70KW Yuchai

CRAWLER MOUNTED WATER DRILLING MACHINE



RCF150C



RCF180S

Model	RCF150C	RCF180S
Bore diameter(hammer)	90-300mm	90-300mm
Bore depth	150m	180m
Air consumption	17-31m³/min	17-31m³/min
Air pressure	1.7-2.5MPa	1.7-2.5MPa
Pipe diameter	76mm/89mm	76mm/89mm
Pipe length	3m	2m
Push force	4T	4T
Lifting force	12T	15T
Max torque of rotary	3500-3800N.m	4000-4600N.m
Rotary speed	40-65r/min	45-65r/min
Mud Pump flow	200-250L/min (option)	200-250L/min (option)
Feeding efficiency	10-35m/h	10-35m/h
Travel speed	2.5km/h	2.5km/h
Climb ability	30°	30°
Dimension(L*W*H)	3500×1700×2250mm	2300×1200×2900mm
weight	4500kg	2700kg
Diesel engine	42KW	77.3KW

CRAWLER MOUNTED WATER DRILLING MACHINE



RCF180C



RCF200C

Model	RCF180C	RCF200C
Bore diameter(hammer)	90-300mm	90-350mm
Bore depth	180m	200m
Air consumption	17-31m³/min	17-35m³/min
Air pressure	1.7-2.5MPa	1.7-3.0MPa
Pipe diameter	76mm/89mm	76mm/89mm
Pipe length	3m	3m
Push force	4T	4T
Lifting force	12T	15T
Lifting speed	2.5m/min	2.5m/min
Feeding speed	0.5-5m/min	0.5-5m/min
Fast lifting speed	18m/min	18m/min
Fast feeding speed	35m/min	35m/min
Max torque of rotary	3200-4600N.m	3500-4800N.m
Rotary speed	45-70r/min	45-70r/min
Mud Pump flow	250L/min (option)	20L/min (option)
High hydraulic leg	1.5m	1.5m
Feeding efficiency	10-35m/h	10-35m/h
Travel speed	2.5Km/h	2.5Km/h
Climb ability	30°	30°
Dimension(L*W*H)	3000×1500×2200mm	4000×1750×2450mm
weight	4500kg	5800kg
Diesel engine	55KW Quanchai	65KW Quanchai

CRAWLER MOUNTED WATER DRILLING MACHINE



RCF260C / RCF300C

Model	RCF260C	RCF300C
Bore diameter(hammer)	90-350mm	100-350mm
Bore depth	260m	300m
Air consumption	17-35m³/min	17-35m³/min
Air pressure	1.7-3.0MPa	1.7-3.0MPa
Pipe diameter	76mm/89mm	89mm/102mm
Pipe length	1m,2m,3m	1m/2m/3m
Lifting force	15T	18T
Lifting speed	2.5m/min	3m/min
Feeding speed	0.5-5m/min	0.5-5m/min
Fast lifting speed	24m/min	30m/min
Fast feeding speed	35m/min	50m/min
Max torque of rotary	4000-5300N.m	5700-7500N.m
Rotary speed	45-70r/min	40-70r/min
Hoisting force of winch	1.5T	2T
Mud Pump flow	250L/min (option)	450L/min (option)
High hydraulic leg	1.5m	1.5m
Feeding efficiency	10-35m/h	10-35m/h
Travel speed	2.5km/h	2.5km/h
Climb ability	30°	30°
Dimension(L*W*H)	4000×1850×2300M	4100×2000×2500mm
weight	6500kg	7200kg
Diesel engine	70KW Xichai engine	85KW Yuchai engine

CRAWLER MOUNTED WATER DRILLING MACHINE



RCF280C / RCF350C

Model	RCF280C	RCF350C
Bore diameter(hammer)	100-350mm	140-350mm
Bore depth	280m	350m
Air consumption	17-35m³/min	17-35m³/min
Air pressure	1.7-3.0MPa	1.7-3.5MPa
Pipe diameter	89mm/102mm	89mm/102mm
Pipe length	3m/6m	1m/2m/3m/6m
Lifting force	17T	22T
Lifting speed	3m/min	3m/min
Feeding speed	0.5-5m/min	0.5-5m/min
Fast lifting speed	30m/min	30m/min
Fast feeding speed	50m/min	50m/min
Max torque of rotary	4500-6000N.m	6200-8500N.m
Rotary speed	40-70r/min	55-115r/min
Hoist lifting capacity	2T	2T
Mud Pump flow	450L/min (option)	450L/min (option)
High hydraulic leg	1.5m	1.5m
Feeding efficiency	10-35m/h	10-35m/h
Travel speed	2.5km/h	2.5km/h
Climb ability	30°	30°
Dimension(L*W*H)	5900×1850×2360mm	6000×2000×2550mm
weight	7600kg	8600kg
Diesel engine	75KW Yuchai engine	92KW Yuchai engine

CRAWLER MOUNTED WATER DRILLING MACHINE



RCF450C / RCF580C / RCF680C

Model	RCF450C	RCF580C	RCF680C
Bore diameter	140-350mm	140-400mm	140-400mm
Bore depth	450m	580m	680m
Air consumption	17-36m³/min	17-42m³/min	17-42m³/min
Air pressure	1.7-3.5MPa	1.7-3.5MPa	1.7-3.5MPa
Pipe diameter	89mm/102mm/114mm	89mm/102mm/114mm	102/108/114mm
Pipe length	1.5m/2m/3m/6m	1.5m/2m/3m/6m	1m/2m/3m/6m
Lifting force	25T	28T	30T
Max torque of rotary	7000-9500N.m	8500-11000N.m	8850-13150N.m
Rotary speed	50-135r/min	45-140r/min	45-140r/min
Hoist lifting capacity	2T	2T	2T
High hydraulic leg	1.6m	1.7m	1.7m
Penetration efficiency	15-35m/h	15-35m/h	10-35m/h
Travel speed	2.5km/h	2.5km/h	2.5km/h
Climb ability	30°	30°	30°
Dimension (L*W*H)	5950×2100×2600mm	6200×2200×2650mm	6300×2200×2650mm
weight	9400kg	12000kg	13000kg
Diesel engine	103KW weichai engine 6 cylinders	132KW cummins engine 6 cylinders	153KW Cummins engine

CRAWLER MOUNTED MULTI-FUNCTIONAL DRILLING RIG



RCJ280D

RCJ350D

Model	RCJ280D	RCJ350D
Drilling method	Mechanical top head rotation, mud pump or DTH or core drilling	
Drilling capacity	NQ wireline drilling	450m
	Air drilling	280m
	Drilling diameter	Φ75-Φ300mm
Power	Diesel engine model	YN27/5
	Rated power	42KW
	Rated speed	2400rpm
	Rotary speed	33-1120r/min
Drive head	Max. torque	9800N.m
	Drilling angle	90°
	Lifting capacity	100KN
Feeding system	Thrusting capacity	50KN
		85KN
Winch capacity	Hydraulic tool winch (optional)	1.5T
	Mechanical winch	4.5T
Drill pipe	Drill pipe dia.	Φ50/Φ60/Φ76/ NQ/BQ/HQ
	Drill pipe length	2000mm
	Walking speed	0~2km/h
Rubber Crawler chassis	Climbing angle	20°
		30°
Dimension	Transport	4600×1900×2540mm
weight		3800kg

TRUCK MOUNTED WATER DRILLING MACHINE



RCF200T / RCF350T / RCF450T

Model	RCF200T	RCF350T	RCF450T
Dimension	10600×2500×3550mm		
weight	18000kg		
Drilling diameter	140-350MM		
Drilling depth	200m	350m	450m
Feed stroke	3400mm	6600mm	6600mm
Travel speed	80km/h		
Grade ability	30°		
Wind pressure	1.7-3.0MPa		
Air consumption	15-35m³/min		
Drill pipe diameter	89/102mm	89/102/114mm	89/102/114mm
Drill pipe length	3m	3/6m	3/6m
Lifting force	15T	22T	25T
Rotary speed	45-115RPM	45-115RPM	50-135r/min
Rotation torque	4000-5300N.m	6200-9000N.m	7000-9500N.m
Mud pump	BW250	BW450	BW450
Carrying vehicle	HOWO truck		
Load vehicle engine	266HP		
Driving form	6×4		
Steering wheel	Right position (optional item)		

TRUCK MOUNTED WATER DRILLING MACHINE



RCF260T / RCF300T

Model	RCF260T	RCF300T
Drilling diameter (mm)	115-300	115 ~ 350
Drilling depth (m)	260	300
Work Pressure(MPa)	1.7-3.0	1.05 ~ 3.5
Consumption (m³/min)	17-35	16 ~ 40
Drill pipe length (m)	3	3
Drill pipe diameter (mm)	76/89	89
Lifting power (T)	15T	18T
Rotary torque (Nm)	4000-5300N.m	7000-9000N.m
Rotary speed	45-70	40-70
Truck Chassis : DONGFENG		
Diesel engine Model	Cummins	
discharge standard	Euro III	
Horse power	180HP	
Rated speed	2500r/min	
Fuel type	diesel	
Tire size	90.00-20R	
Drive form	4x2	
Dimension (mm)	8900×2100×3300	
Total weight (T)	12	

SOLAR PILE DRIVER



RC130Y

RC185Y

RC195Y

Model	RC130Y	RC185Y	RC195Y
Bore diameter(DTH hammer)(mm)	90-300	90-300	90-300
Bore depth(m)	20-100	20-100	20-100
Air consumption(m³/min)	10-26	10-26	10-26
Air pressure(MPa)	0.7-1.6(medium); 1.6-2.46(high)	0.7-1.6(medium); 1.6-2.46(high)	0.7-1.6(medium) 1.6-2.46(high)
Pipe diameter(mm)	76/89	76/89	76/89
For rock(F)	6-20	6-20	6-20
Bore diameter(screw)(mm)	Max400	Max400	Max400
Bore depth(screw) (m)	0-30	0-30	0-30
Screw pipe diameter(mm)	130-400	130-400	130-400
Once promotion(mm)	2000	3200	3200
Skid pitch(°)	100	120	120
Swinging angle of skid(°)	Left and right total 40	Left and right total 40	left and right total 40
Rotation speed(r/min)	0-70	0-110	0-110
Host power(kw)	56	84	84
Climb ability(°)	35	35	35
Dimension(L*W*H)(mm)	4500×1970×2440	5300×1970×2620	5330×2110×2850
weight(kg)	4710	5800	7300
Walk speed(km/h)	0-2.5	0-2.5	0-2.5

SOLAR PILE DRIVER



RC260Y

Model	RC260Y
Impact frequency (bpm)	450-800
Impact (j)	1000
Skid pitch (°)	120
boom swing angle (°)	left and right total 50
swinging angle of skid (°)	left and right total 40
Climb ability (°)	35
Dimension (L*W*H)(mm)	6410×1970×2830
weight (kg)	5800
walk speed (km/h)	0-2.5
For rotary drilling	
Bore diameter (DTH hammer)	90-300 mm
Bore depth	20-100 m
Air consumption	10-26 m³/min 0.7-1.6 MPa(medium)
Air pressure	1.6-2.46 MPa(high)
Bore diameter (screw)	Max 600 mm
Bore depth	0-30 m
Rotation speed	0-110 r/min
Torque	7000 N.m

ANCHOR DRILLING RIG



RC140Y



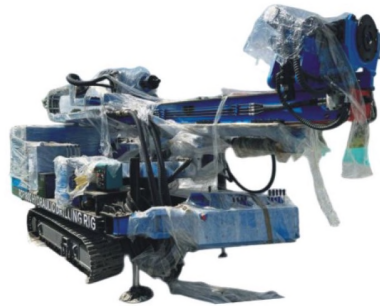
RC168Y

Model	RC140Y	RC168Y
Bore Diameter (mm)	115-140	100-300
Bore Depth (m)	60	150
Walk Speed (km/h)	0-2.5	0-2.5
For Rock (F)	6-20	6-20
Air Pressure (MPa)	1.05-2.46	1.05-2.46
Air Consumption (m³/min)	10-20	10-20
Once Promotion (mm)	3000	3000
Skid Pitch (°)	Up and down total 100	Up and down total 100
Skid Swing Angle (°)	Left and right total 100	Left and right total 100
Boom Swing Angle (°)	Left and right total 70	Left and right total 70
Boom Pitch (°)	Up and down total 60	Up and down total 60
Host Power (KW)	56KW Yuchai	93KW cummins
Rotation Speed (r/min)	0-126	80
Dimension (L*W*H) (mm)	5270×1960×2300	5920×2280×2480
weight (kg)	4800	7200

ANCHOR DRILLING RIG



RCF150Q



RCF180Q

Model	RCF150Q	RCF180Q
Hole Depth (m)	150	180
Hole Diameter (mm)	Φ110 ~ Φ300	Φ110 ~ Φ300
Dip angle of pipe (mm)	0~90°	-10~90°
Horizontal hole height (m)	1.85~2.8	0.6~2.1~3.0
Output speed (rpm)	25/50; 40/80; 45/90; 75/150	40/80; 75/150
Maximum output torque (N.m)	8000	8500
Give progress (mm)	3500	3500
Maximum feeding / pulling force (KN)	40/60	45/65
Power machine model	Cummins 4BT3.9-C100	6BTA5.9-C125
Input power	74KW/2200r/min	125KW/2200rpm
Chassis Model	PD135SS	PD135
Host size (mm)	6300×2000×2300	6500×2200×3000
Rig mass (kg)	6500	9000

ROTARY DRILLING RIG



RCQ-11W



RCQ-13W / RCQ-15W / RCQ-20W

Model	RCQ-11W	RCQ-13W	RCQ-15W	RCQ-20W
Working mode	Pressure type drilling			
Drilling diameter (mm)	Φ500-Φ1500			
Max drilling depth (m)	11	13	15	20
Dimensions (mm)	7150×2120×2900	7000×2200×2950	7500×2200×2950	8200×2200×2950
Total weight (t)	7.6	9.5	9.8	10.2
Chassis width (mm)	400			
Power head torque (KN.m)	17000-22000			
rotary speed (r/min)	30-50			
Max lifting power (KN)	150			
Max stroke (m)	11-12			
Wire-rope diameter (mm)	16			
Rotation angle (°)	180	360		
Max Gradeability (°)	25			
Diesel engine model	Weichai 4108	Weichai 6105		
Diesel engine power (KW)	88	110		

ROTARY DRILLING RIG



RCQ515 / RCQ520 / RCQ530 / RCQ535 / RCQ540

Mode	RCQ515	RCQ520	RCQ530	RCQ535	RCQ540
Drilling diameter	Φ500-Φ1000mm	Φ500-Φ1200mm	Φ500-Φ1500mm	Φ500-Φ1500mm	Φ500-Φ1600mm
Drilling depth	15m	20m	30m	35m	40m
Diesel engine	Cummins 110KW	Cummins 150KW	Cummins 150KW	Cummins 154KW	Cummins 170KW
Power head torque	80KN.m	100KN.m	120KN.m	130KN.m	150KN.m
Rotary speed	10-50RPM	10-50RPM	10-50RPM	10-50RPM	10-50RPM
Pressurized oil cylinder max lifting force	100KN	100KN	120KN	120KN	150KN
Main winch max lifting force	100KN	120KN	120KN	130KN	160KN
Main winch max lifting speed	70m/min	70m/min	70m/min	70m/min	64m/min
Main winch rope diameter	24mm	24mm	24mm	24mm	26mm
Assisting winch max lifting force	30KN	30KN	30KN	30KN	50KN
Assisting winch max lifting speed	50m/min	50m/min	55m/min	55m/min	60m/min
Assisting winch rope diameter	12mm	12mm	12mm	12mm	14mm
Max working pressure	28MPa	28MPa	28MPa	28MPa	32MPa
Working radius	3.6m	3.8m	4.3m	4.5m	4.8m
Machine dimension	9.8×2.5×3.35m	11×2.65×3.35m	11.5×3×3.35m	11.5×2.8×3.6m	14×3×3.8m
weight	19T	23.5T	26T	27T	41T

DTH DRILLING RIG



RC100YA2

RC115YA2

Model	RC100YA2	RC115YA2
Bore diameter (mm)	90-140	90-140
Bore depth (m)	30	40
Walk speed (km/h)	2	0-2.5
Once promotion (mm)	2000	3000
Grade ability (°)	30	30
Air pressure(MPa)	0.7-1.4	0.7-1.6
Air consumption (m³/min)	7-15	7-15
Skid pitch (°)	Up and down 100	Up and down total 100
Sliding tilt swing (°)	left 35, right 10	left 45, right 40
For rock (F)	6-20	6-20
Rotation speed (r/min)	900	0-120
Dimension (L*W*H)(mm)	4300×2130×2160	5480×1950×3150
weight (kg)	2900	5160
Diesel engine power	45KW Yuchai	56KW Yuchai

INTEGRATED DTH DRILLING RIG



RCZ545

RCZ545 Technical Specifications			
Engine Manufacturer	Cummins	Engine Model	6BTA8.3-C260
Engine Rated Power	194 KW	Engine Emission	Euro II
F.A.D	15 m ³ /min	Working Pressure	17 Bar
Rotation Speed	0-90 rpm	Rotary Torque	2579 N.m
Hole Diameter	Ø108-137 mm	DTH Hammer	4 inch
Hole Depth	30-50m	Number of Pipes	6+1
Drill pipe type	76 m	Pipe Length	3000 mm
Feed Type	Cylinder / Chain	Length of Feed Beam	5340 mm
Feed Extension	1200 mm	Feed Travel Length	3200 mm
Feed Speed	Feed Force	Pull Up Force(Max.)	40 kN
Max. Climbing Ability	25°	Feed Force(Max.)	21 kN
Tramming Speed	2-3km/h	Traction Force(Max.)	71 kN
Ground Clearance	360 mm	Fuel Tank Capacity	420 L
Length	7150 mm	Width	2500 mm
Height	2800 mm	weight(options excluded)	10500 kg

AUTOMATIC INTEGRATED DTH DRILLING RIG



RCZ440

RCZ440 Main technical specifications			
Engine Manufacturer	Cummins	Engine Model	QSC8.3
Engine Rated Power	194KW	Engine Emission	3
F.A.D	16m ³ /min	orking Pressure	20 Bar
Rotation Speed	0-105 rpm	Rotary Torque	2800 N.m
Hole Diameter Range	Ø90-130 mm	DTH Hammer	3.5 inch/4inhes
Hole Depth	28m	Number of Pipes	7+1
Drill pipe type	60mm/76 mm	Pipe Length	3500 mm
Feed Type	Motor-Chain	Length of Feed Beam	6865 mm
Feed Extension	1200 mm	Feed Travel Length	4100 mm
Feed Speed	0.85 m/s	Pull Up Force (Max.)	31 kN
Max. Climbing Ability	30°	Feed Force (Max.)	15 kN
Tramming Speed	high 3.2 km/h	Traction Force (Max.)	115.4 kN
Ground Clearance	450 mm	Fuel Tank Capacity	350 L
Length	9980 mm	Width	2480 mm
Height	3200 mm	Weight	15000 kg

CORE DRILLING RIG



RCJ130W

RCJ150W

RCJ200W

	Model	RCJ130W	RCJ150W	RCJ200W
Ater	Drilling depth (m)	130	200	200
	Open hole dia (mm)	220	220	325
	End hole dia (mm)	75	75	75
	Drill rod dia (mm)	42-60	42-60	42-60
	Drill angle	90-75	90-75	90-75
	Matching power (KW)	13.2	13.2	14.7
	Dimension (m)	2.4×0.8×1.4	2.4×0.8×1.3	2.7×0.9×1.5
Spindle	Speed (r/min)	142/285/570	64/128/287/557	64/128/287/557
	Stroke (mm)	450	450	450
Winch	Max pull force (kg)	2000	2100	2500
	Pull speed (m/s)	0.41-1.64	0.35-2.23	0.12-0.95
	Rope dia (mm)	9.3	9.3	/
	Roll capacity (m)	27	27	35
Drill Mast	Rated load (Ton)	18	18	18
	Height (m)	6.5	6.5	6.5
Mud Pump	Flow (L/min)	95	95	145
	Max Pressure (MPa)	1.2	1.2	2
	Times/min	93	93	93
Inlet hose	Dia (mm)	51	51	51
Outlet hose	Dia (mm)	32	32	38

FULL HYDRAULIC CORE DRILLING RIG



RCJ600C

RCJ800C / RCJ1000C

Model	RCJ600C	RCJ800C	RCJ1000C
Drilling capacity	BTW (m)	650	1200
	NTW (m)	600	1000
	HTW (m)	300	800
	PQ (m)	600	800
Hydraulic system	Rated pressure Mpa	32+16	32+16
	Cooling way	Secondary air cooling plus primary water cooling	
Power	Diesel engine model	Yuchai engine 4 cylinders	Yuchai engine 6 cylinders
	Rated power	92KW	92KW
	Rated speed	2200rpm	2200rpm
	Max torque	1400N.m	1800N.m
Rotary head	Max rotary speed	1400rpm	1400rpm
	Feeding stroke	1.9m	3.5m
	Through-hole diameter	95	95mm
	Lifting force	240KN	300KN
	Feeding force	120KN	150KN
	Rope capacity	800m	1000m
Wireline hydraulic Winch capacity	Lifting force	1.5T	5T
	Lifting speed	110m/min	110m/min
	Rope diameter	5mm	8mm
	Full height	6.1m	7.9m
Mast	Drilling angle	45-90°	0-90°
	Slip Stroke	800mm	1200mm
Clamp (hydraulic)	through-hole	BQ/NQ/HQ/PQ	130mm
Mud pump (hydraulic)	Model	BW90/3	BW160/10
	type	Horizontal three cylinder reciprocating single acting piston pump	
Dimension	Transport	4500×1900×2300mm	5600×2000×2400mm
Weight		4500kg	6800kg

RC DRILLING RIG



RCJ150RC



RCJ300RC

Model		RCJ150RC	RCJ300RC
Drill rig weight(crawler mounted)	kg	6800	8500
Length × Width × Height (normal)	mm	6500×2200×2400	6750×2300×3000
Ambient Temperature Range	°C	-10 ~ 38	-10 ~ 38
Nominal Drill Depth	m	150	300
End-hole Diameter	mm	110-250	130-350
Drill angle	°	-10-90	-10-90
Horizontal hole height	m	1.85-2.8	1.85-2.8
Max Output Torque	N.m	8000	10000
Output Rotation Speed	rpm	54/108rpm	55/ 110
Feeding	mm	3500	3500
Thrust Force	KN	45	100
Lifting Capacity	KN	65	150
Oil pump Output volume	ml/r	63+63+25	63+63+25
Winch Lifting force	KN	11	11
Engine(Cummins)		6BTA5.9-C125	6BTA5.9-C180
Power	KW	125	132
Rotary Speed (Max.)	rpm	2200	2200

PERCUSSION DRILLING RIG



RC-6A / RC-10A

Model		RC-6A	RC-10A
Transport dimensions (mm)		9300×2280×2800	9300×2300×2810
Weight (kg)		9500	12000
Drilling diameter (mm)		300-1500	300-2500
Drilling depth (M)		300(when dia. Is 600mm)	400(when dia. Is 600mm)
Max.Weight of drill bit (kg)		5000	8000
Impact stroke (mm)		Max.850, Min.700	Max 900, min 750
Rate of impact (time/min)		38-42	36-40
Electric motor		55KW 980R/Min	155KW
Height of mast (M)		Single bar8.5-9.5m; Double bar12.5m	Single bar8.5-9.5m; Double bar12.5m
Load capacity of mast (kg)		50000	50000
Hauling speed (km/h)		30	30
Lifting capacity of Hoist(N)	Front hoist	20096	20096
	Back hoist	68357	158750
Steel wire rope of coiling block(M)	Front coiling block	6×37-Φ18 200-250(Left turning)	6×37-Φ18 200-250(Left turning)
	Back coiling block	6×19s+IWRC 200-300(Left turning)	6×19s+IWRC 200-300(Left turning)
Wheel	Tire size	7.50-20	7.50-20
	Steel ring size	20×7	20×7

MUD PUMP



Model	BW160	BW200	BW250	BW450/5	BW600/10	BW850/5
Type	Horizontal single cylinder double action reciprocating piston pump	Horizontal type single cylinder double- acting pump	Horizontal triplex Reciprocating single acting piston pump	Horizontal three cylinder reciprocating single acting piston pump	Horizontal three cylinder reciprocating single acting piston pump	Horizontal double cylinder reciprocating double action piston pump
Cylinder diameter (mm)	95	80/65	86/65	95	100	260
Piston Stroke (mm)	90	85	100	100	110	66
frequency of stroke (times/min)	147	145	200/116/72/42	223/168/112/86	232/162/109/76	140/130/95
Flow rate (L/min)	160	200/125	250/145/90	450/340/240/172	600/415/280/195	850/600/350
Pressure (MPa)	1.3	4, 6	2.5/4.5/6/6 4/6/7/7	2/3/4/5	3.5/5/7.5/10	5/6/8
Power input (KW)	5.5	15	15	22	55	90
Overall dimensions (L*W*H) (mm)	850×600×450	1050×630×820	1000×995×650	1000×995×650	1500×890×1230	3018×1120×2050
weight (kg)	130	300	760	520	1400	3100

AIR COMPRESSOR



Model	Capacity (m³/min)	Pressure (MPa)	Diesel engine	weight (kg)	Dimensions (mm)
KSCY220-8	8	220	Xichai 75P	1440	3000×1760×1820
KSCY330-8	8	330	Yuchai 120P	1550	3240×1760×1785
KSCY425-10	10	425	Yuchai 160P	1880	3300×1880×2100
KSCY400-14.5	14.5	400	Yuchai 160P	1880	3300×1880×2100
KSCY550-13	13	550	Cummins 180P	2400	3000×1520×2200
KSCY550-14.5	14.5	550	Yuchai 190P	2400	3000×1600×2230
KSCY580-17	17	580	Cummins 260P	3200	3600×1800×2450
KSCY750-20	20	750	Yuchai 310P	3700	3600×1800×2450
KSZJ-15/14.5	15	1.45	Yuchai 190HP	2500	3000×1520×1800
KSZJ-18/17	18	1.7	Yuchai 260HP	3200	3000×1800×2000
KSZJ-29/23G	29	2.3	Yuchai 400HP	5000	3500×1950×2030
KSZJ-31/25	31	2.5	Yuchai 550HP	6000	4000×2100×2100
KSZJ-34/25	34	2.5	Yuchai 550HP	6800	4250×2100×2200
KSZJ-35/30	35	30	Cummins 550HP	6800	4250×2100×2200