

Model	WLD-180	WLD-200	WLD-260	WLD-300s	WLD-350	WLD-400s	WLD-550	WLD-650s
Max. drill depth	180m	200m	260m	300m	350m	400m	550m	650m
Borehole diameter	90-254mm	90-315mm	105-300mm	105-305mm	105-305mm	105-400mm	105-350mm	105-500mm
Working wind pressure	1.05-2.46Mpa	1.7-3.0Mpa	1.7-3.0Mpa	1.05-3.45Mpa	1.05-3.45Mpa	1.05-3.45Mpa	1.05-4.5Mpa	1.05-4.5Mpa
Air consumption	16-30m ³ /min	17-35m ³ /min	17-35m ³ /min	16-55m ³ /min	16-55m ³ /min	16-55m ³ /min	16-60m ³ /min	16-60m ³ /min
Length of drill pipe	3m	3m	3m	3m	3/4.5/6m	3m	3/4.5/6m	3/4.5/6m
Diameter of drill pipe	76/89mm	76/89mm	89mm	89/102mm	89/102mm	89/102mm	89/102/114mm	102/114mm
Axial compression	4T	4T	4T	4T	4T	10T	12T	14T
Lifting force	12T	14T	16T	18T	22T	24T	28T	35T
Lifting speed	2.5m/min	2.5m/min	2.5m/min	3.0m/min	3.0m/min	3.0m/min	3.0m/min	3.0m/min
Drive head one-time propulsion length	6.6m	6.6m	6.6m	6.6m	6.6m	6.6m	6.6m	6.6m
Driving head propulsion speed	0.5-5m/min	0.5-5m/min	0.5-5m/min	0.5-5m/min	0.5-5m/min	0.5-5m/min	0.5-5m/min	0.5-5m/min
Fast lifting speed	18m/min	18m/min	18m/min	35m/min	35m/min	25m/min	25m/min	25m/min
Fast propulsion speed	35m/min	35m/min	35m/min	50m/min	50m/min	40m/min	40m/min	40m/min
Maximum rotary torque	4200-5600Nm	4500-6500Nm	5500-7000Nm	6000-8000Nm	7000-9000Nm	7500-10500Nm	8500-11000Nm	10000-13000Nm
Rotating speed	48-70r/min	50-70r/min	75-150r/min	45-80r/min	60-100r/min	45-120r/min	75-150r/min	75-150r/min
Hoisting force of winch	1.5T	1.5T	1.5T	1.5T	1.5T	1.5T	1.5T	1.5 or 3T
Mud pump flow	20L/min(optional)	20L/min(optional)	20L/min(optional)	20L/min(optional)	20L/min(optional)	20L/min(optional)	20L/min(optional)	30L/min(optional)
Stroke of high hydraulic legs	1.5m	1.5m	1.5m	1.5m	1.5m	1.5m	1.65m	1.6m
Drilling efficiency	10-35m/h	10-35m/h	10-35m/h	10-35m/h	10-35m/h	10-35m/h	10-35m/h	10-35m/h
walking speed	2.5Km/h	2.5Km/h	2Km/h	3.5Km/h	3.5Km/h	3.5Km/h	3.5Km/h	3.5Km/h
Grade ability	30°	30°	30°	30°	30°	30°	21°	21°
Weight(machine)	4.7T	5.4T	6T	7T	9T	7T	11.5T	13T
Dimension	3.6M×1.7M×2.15M	3.9×1.7×2.15 M	4×1.9×2.25m	4×1.8×2.45 M	5.6m×2m×2.45m	5.7m×2m×2.55m	5.8m×2.25m×2.55m	5.8m×2.25m×2.75m
Engine Power	Yunnei (55Kw)	Yunnei (65Kw)	Yunnei (77Kw)	85Kw or 92Kw	93Kw	Yuchai (92Kw, 6 cylinders)	Yuchai (92Kw or 153Kw, 6 cylinders)	92Kw, 6 cylinders
Suitable formation	Unconsolidated formation and bed rock.							
Drilling method	Top drive hydraulic rotation and propulsion, DTH hammer or mud drilling.							