

# FML-120 Anchor power head version parameter

## Multi-function drill rig——FML-120 DTH drill version

FML-120 electric power	motor	30 ( kw )
FML-120 diesel power	diesel	37 ( kw )
FML-120 diesel walk electric work	motor	30 ( kw )
	diesel	37 ( kw )
Air consumption ( m <sup>3</sup> /min)	9 ~ 22	
Hole diameter ( mm)	90 ~ 200	
Height of lifting horizontally(m)	4.5	
Hammer	CIR , DHD	
The broken way of rock	percussion-rotary	
Diameter of drill rod	φ76*1500/2000/3000	
	φ89*1500/2000/3000	
Power head stroke ( mm )	3500	
Drill angle ( . )	0-360	
Rotary angle ( . )	360	
Power head rotary speed ( rpm)	about 50	
Power head torque(N.m)	4000	
Vice stroke ( mm )	1000	
Max pull force ( KN )	20 ( 0-20 adjustable )	
Max push force ( KN )	20 ( 0-20 adjustable )	
Climbing ability ( . )	≤25	
Ground pressure ( Mpa)	0.04	
Weight ( kg)	about 5000	
Dimension(L*W*H)(mm)	5500*2000*2500	



# FML-120 Rock drill power head version parameter

## Multi-function drill rig——FML-120 rock drill version



FML-120 electric power	motor	37 ( kw )
FML-120 diesel walk electric work	motor	37 ( kw )
	diesel	37 ( kw )
Dimension(L*W*H)(mm)	6600*2000*2800	
Hydraulic system rated pressure ( Mpa)	18	
Rotating angle upon chassis ( ° )	0-360	
Drilling angle ( ° )	360	
Horizontal drilling height ( m )	4.5	
Power head stroke ( mm )	2500	
Vice stroke ( mm )	1000	
Drill rod specification	R32/R38/T38/T45	
Power head percussion power ( kw )	18	
Power head percussion frequency ( bpm )	2900-3700	
Power head rotation speed ( rpm )	130-210	
Power head rotation torque ( N.m )	880	
Power head pulling force ( KN )	20 ( 0-20 adjustable )	
Power head feeding force ( KN )	20 ( 0-20 adjustable )	
Climbing ability ( ° )	≤25	
Ground pressure ( Mpa)	0.04	
Whole weight ( kg )	about 5000	
R32 shank	hole diameter	φ51-φ76 φ45 ( only for single drill rod )
	hole depth	10m ( Max )
T38 shank	hole diameter	φ64-φ89
	hole depth	φ45 ( only for single drill rod )
	rock grade	15m ( Max )
T45 shank	hole diameter	φ76-φ102
	hole depth	φ70 ( only for single drill rod )
	rock grade	25m ( Max )