



SERHIDRA S.A.S

Minería y Construcción



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Instructions

HFPV-1M solar drilling rig, using new type of hydraulic technology, convenient for hole transfer. The drilling machine structure is compact, while the mast has adjustable compensation function, when drilling, the mast supported on the ground, borehole stability is good. The machine hydraulic pressure can be adjusted according to different soil textures, so as to achieve the appropriate impact power for pile driving, it is a new type of pile driver.

The drilling rig is mainly used in pile driving for photovoltaic Solar power station , pile driving for Highway guardrail, highway guardrail construction engineering construction, etc.

Specification

Impact frequency(bpm)	450-800
Impact(j)	1000
work pressure(bar)	130-150
Once promotion(mm)	4100
Maximum ramming length(mm)	6000
For Rotary Drilling (Optional)	
Bore Diameter (DTH hammer)	90-300 mm
Bore Depth	20-100 m
Air Consumption	10-26 m ³ /min
Air Pressure	0.7-1.6 MPa
Pile Diameter	76/89 mm
For Rock	F=6-20
Bore Diameter (Screw)	130- 600 mm
Bore Depth	0-30m
Rotation Speed	0-110 r /min
Torque	7000N·m
Skid pitch(°)	95
Boom swing angle(°)	110
Boom pitch(°)	30
Swinging angle of skid(°)	left and right total 40
Climb ability(°)	35
Dimension(L*W*H)(mm)	6240*2250*3000
weight(kg)	7350
walk speed(km/h)	0--2.5

Ramming Pile Head



Ramming Pile



Rotary Power Head



DTH Rock Drilling

Auger Drilling

Ground Screw Pile Drilling





HFPV - 1M shipments



Perfect after-sales service



