

HAN-D50DTH Surface

Pneumatic Crawler Drilling Rig Technical Specification

| | | | |
|-----------------------|------------|--|-----------------------|
| Bore Diameter | 90 -140 mm | DTH Hammer | 4 - 5 inch |
| Rock Hardness | f = 6-20 | Traveling Speed | 3km/h |
| Vertical Bore Depth | 20 m | Slewing Speed | 0-72 r/min |
| Horizontal Bore Depth | 30 m | Slewing Torque | 2200 n.m |
| Drill Rod Diameter | Φ 76 mm | Slewing Motor Power (Gear Motor) | 18.34 kw |
| Drill Rod Length | 3 m | Moving Motor Power (JEIL/Made in Korea) | 2 * 8.8 kw |
| Working Wind Pressure | 2.24 Mpa | Propulsion Motor Power | 3.36 kw |
| Pitching Angle | 180° | Carriage Swing Angle | Left 50° Right 35° |

Heavy Boom Function

| | | | |
|-----------------------------|-------------------------|-----------------------------|--|
| Boom Type | Single Straight boom | Propulsion Type | Motor drives chain |
| Propeller Length | 5000 mm | Propelling Length | 4356 mm |
| Extension Length | 1200 mm | Maximum Propelling Speed | 30 m/min |
| Maximum Propelling Force | 16000 n | Maximum Drawing Force | 16000 n |
| Boom Swing Angle | Left 45° Right 45° | Boom Pitching Angle | Horizontal Up 60° Horizontal Down 20° |


Crawler

| | | | |
|---------------------|--------|---|--------------------|
| Maximum Climb Force | 26° | Drive Motor Power (JEIL/Made in Korea) | 8.5 kw |
| Ground Clearance | 254 mm | Swing Angle of Track Frame | Up 15° Down 15° |

Weight & Dimension (Transporting)

| | | | |
|--------|---------|--------|---------|
| Width | 2210 mm | Height | 1473 mm |
| Length | 2780 mm | Weight | 5000 kg |

Key parts are imported

| | | | |
|--|----------|---|--|
| Slewing gear box oil seal (Made in U.S.A) | UEU 5000 | Pressure release valve (Made in U.K) |  R18-B26 |
|--|----------|---|--|

