

Horizontal directional drilling

With the Atlas Copco lineup of large air compressors, you'll be prepared for any HDD job applications no matter what.

atlascopco.com



XAVS650

Horizontal Directional Drilling (HDD) is a growing industry and application with the densification of many cities in North America. In many regions with medium to hard rock the most efficient way HDD is with compressed air. Mincon high frequency HDD hammers in conjunction with Atlas Copco compressed air offer the most cost effective and quick method of drilling medium and hard rock.

HDD applications

| | Mincon HDD hammer model | HDD30 | HDD40 | HDD50 | HDD60 | HDD70 | HDD90 | HDD70PR reaming | HDD80PR reaming |
|--------------|--|-------------------|-------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| | Pilot bit size | 3.5" | 4.25" | 5.25" | 6.25" | 7.5" | 9.25" | 6.5" | 9" |
| <250' Length | Recommended min air package <250' | 400 CFM @ 250 psi | 400 CFM @ 250 psi | 750 CFM @ 350 psi | 900 CFM @ 350 psi | 900 CFM @ 350 psi | 1100 CFM @ 350 psi | 900 CFM @ 350 psi | 900 CFM @ 350 psi |
| | Suggested Atlas Copco compressor model <250' | XAVS650 | XAVS650 | V21 | XRVS1000 | XRVS1000 | V1550 | XRVS1000 | XRVS1000 |
| | Air compressor output | 575 CFM @ 250 psi | 575 CFM @ 250 psi | 750 CFM @ 350 | 1000 CFM @ 365 psi | 1000 CFM @ 365 psi | 1550 CFM @ 365 psi | 1000 CFM @ 365 psi | 1000 CFM @ 365 psi |
| >250' Length | Recommended min air package >250' | 500 CFM @ 350 psi | 700 CFM @ 350 psi | 900 CFM @ 350 psi | 1100 CFM @ 350 psi | 1100 CFM @ 350 psi | 1250 CFM @ 350 psi | 1250 CFM @ 350 psi | 1200 CFM @ 350 psi |
| | Suggested Atlas Copco compressor model >250' | V21 | V21 | XRVS1000 | V1550 | V1550 | V1550 | V1550 | V1550 |
| | Air compressor output | 750 CFM @ 350 | 750 CFM @ 350 | 1000 CFM @ 365 psi | 1550 CFM @ 365 psi | 1550 CFM @ 365 psi | 1550 CFM @ 365 psi | 1550 CFM @ 365 psi | 1550 CFM @ 365 psi |



Atlas Copco

1059 Paragon Way, Rock Hill SC
Phone: (800) 732-6762

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