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| DOTLOGO2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | **Pile Driving Equipment Data** | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Structure Number: | | | - | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | |
| Pile Driving Contractor: | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | |
| Abutment /Pier Number(s): | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Route: | | | | | | | |  | | |
| Pile Type & Size(s): | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Section: | | | | | | | |  | | |
| Nominal Required: | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | County: | | | | | | | |  | | |
| Production Pile Length(s): | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | Closest Boring(s): | | | | | | | |  | | | | | | Contract:: | | | | | | | |  | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hammer Manufacturer: | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Model No: | | | | | | |  | | | | | | |
| Type (diesel, air/steam hydraulic, etc.): | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | Ram Stroke Type (fixed of Variable): | | | | | | | | | | | | | | | | | | |  | |
| Maximum Operating Energy: | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | Minimum Operating Energy: | | | | | | | | | | |  | | | | | | | | | | | | |
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| |  | | --- | |  | | | | | | Maximum Recommended Stroke: | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | |
| Ram  Anvil      Striker Plate  Hammer  Cushion  Helmet    Pile Cushion  Pile | | | | | Minimum Measurable Stroke: | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | Ram Weight: | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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|  | | | | | Anvil Weight: | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | Modifications to Hammer *(if any)*: | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | |
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|  | | | | | Striker Plate | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | Diameter: | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | Thickness: | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | Weight: | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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|  | | | | | Hammer Cushion Material 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Hammer Cushion Material 2 (*if composite*) | | | | | | | | | | | | | | |
|  | | | | | Material Type: | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | Material Type: | | | | | | | | |  | | | | | |
|  | | | | | Diameter: | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | Diameter: | | |  | | | | | | | | | | | |
|  | | | | | Thickness per Plate: | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | Thickness per Plate: | | | | | | | | | |  | | | | |
|  | | | | | No. of Plates: | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | No. of Plates: | | | | | | |  | | | | | | | |
|  | | | | | Total Hammer Cushion Thickness: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | |
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|  | | | | | Helmet (Drive Head, Pile Cap) Weight (*including bonnet insert if any*): | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | |
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|  | | | | | Pile Cushion (*precast concrete piles only*) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | Material: | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | Thickness Per Sheet: | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | Area: | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | No. of Sheets: | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | Thickness Total: | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Double Acting/Differential Acting Air or Steam | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hammers Net Weight: | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cylinder Net Weight: | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Piston Area: |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Attach Bounce Chamber Pressure vs. Equivalent Energy Graphs (Closed-End Diesel Hammers Only): | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  |
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| Hammer Data Completed by: | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | |  | | Contact Phone Number: | | | | | | | | | | | | |  | | |
| Date Completed: | |  | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |