



## HPS Pile Driving and Drilling Services Ltd.

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### **HPS**

The recognized leaders in innovative piling solutions since 1977.  
Helical and driven, we provide you with a solid foundation.

For more information about our other services, including helical piling,  
please visit [helicalpiersystems.com](http://helicalpiersystems.com) or call 1-877-547-1017.

**ENGINEERING  
MANUFACTURING  
DISTRIBUTION  
INSTALLATION**

### **LEADERS**

in design-build piling solutions

1-877-547-1017

[hpie.com](http://hpier.com)

**HELICAL & DRIVEN,**

we provide you with a solid foundation.

866-630-7288 | [hpspiledriving.com](http://hpspiledriving.com)

## HPS PILE DRIVING & DRILLING SERVICES LTD.

Since 1977, Helical Pier Systems Ltd. has been providing design-build solutions for our clients' complex piling challenges. In 2015, HPS continued expansion into the driven pile industry with the acquisition of Landcore Technologies Inc. and merger of existing assets to form HPS Pile Driving and Drilling Services Ltd.

Offering both helical and driven piles allows HPS to produce piling solutions to fit every clients' specific needs. Both helical and driven piles have unique advantages in different situations, and we are excited to be able to offer both to our clients. In addition to pile driving, HPS has expanded our drilling service offerings to keep our clients' projects on schedule in any type of ground condition.

Building on our established foundation of leading-edge piling services, HPS is excited to be able to offer complete solutions for every unique challenge.

### HPS Advantages:

- **On your terms:** Design, supply, install or combinations of the three. HPS provides tailor-made piling services for each project and client.
- **Constructability Analysis:** Our experienced engineering team reviews each project to ensure that the most constructable pile designs are used.
- **Optimization Services:** PDA load testing, analysis, and pile optimization that ensures we exceed client expectations and continue our leadership position in piling services.
- **Quality Assurance/Quality Control:** With full material traceability, installation records and capacity certification, we stand behind our finished product.

The success of HPS resides with our people. We pride ourselves in our commitment to safety, not just in the words, "**Safety, Family, and Career**", but in the culture of safety we instill within our people.



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### DRILLING EQUIPMENT

#### WATSON 2500 Depth 36m (qty 5)

- Drills slant holes up to 45 degrees
- Hole Diameters: 12 inch to 76 inch
- Torque: 81,000 lbs.
- Hoist: 25,000 lbs.

#### Texoma 800 Depth 24.3m (qty 1)

- Drills slant holes up to 45 degrees
- Hole diameter 12 inch to 76 inch
- Torque 54,000 lbs.
- Hoist: 16,000 lbs.

#### Rev Drill HD (qty 1)

- Excavator mounted drill
- Maximum depth 65'
- Maximum diameter 72"

### OTHER EQUIPMENT

#### Pneumatic Pipe Hammer

- Hammers pipe vertical and on angles
- Typical pipe Diameter 16 to 30 inch
- 2600 lb. hammer weight

#### Tandem and Tridem Tractors (qty 7)

#### C500 w/85 ton equipment hauler (qty 1)

#### HPS Services:

Helical Piles (Screw Piles) – Pile Driving –  
Rathole Drilling – Drilled Caissons –  
Conductor Services – Foundation Engineering –  
Pile & Cap Manufacturing – Pile Cutting/Capping –  
CNC Pipe and Plate Processing – Surveying –  
Welding – Geotechnical Investigation and Analysis

### PILE DRIVING EQUIPMENT

#### Body Mount Pile Driver (qty 1)

- Maximum pile length 14m
- Maximum pile diameter 610mm
- 2,550kg hydraulically operated Hammer
- 2.5m horizontal slide and 180-degree rotation
- Able to travel on 90% road ban

#### 42 Ton Picker Pile Driver (qty 1)

- Maximum pile length 15m
- Maximum pile diameter 457mm
- 2,270kg drop Hammer
- 12m horizontal reach and 240-degree rotation

#### 45 Ton Picker Pile Driver (qty 1)

- Maximum pile length 17m
- Maximum pile diameter 600mm
- 2,900kg Hammer

#### Junttan PM16 Tracked Pile Driver (qty 2)

- Maximum pile length 18m
- Maximum pile diameter 610mm
- Hydraulic Hammer Max Energy 59 kNm

#### Junttan PMX22 Tracked Pile Driver

- Maximum pile length 22m
- Maximum pile diameter 610mm
- Hydraulic Hammer Max Energy 73 kNm

#### Junttan PM23 Tracked Pile Driver (qty 1)

- Maximum pile length 19m
- Maximum pile diameter 813mm
- Hydraulic Hammer Max Energy 74 kNm

#### Junttan PM25 Tracked Pile Driver (qty 1)

- Maximum pile length 24m
- Maximum pile diameter 813mm
- Hydraulic Hammer Max Energy 132 kNm

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