

MACTECH

CASE STUDY

PROJECT: STEEL PILE REMOVAL

The client had recently completed a bridge project entailing building spans of the new bridge on steel piles driven into the river bottom. Once the new spans were completed the old bridge was demolished, the new spans were loaded on a barge, floated to the new bridge footing, and lifted on to the new footings.

Once the spans were in place, the client needed to remove the 19 steel piles that held the new spans during construction. The piles were 48 and 60 inches OD with 7/8 inch wall thickness.

MACTECH'S ROLE:

Mactech provided our 33-60 inch ID sever machine to cut piles 15 feet below the river bed.

EQUIPMENT USED:

- 33-60 inch Inner Diameter Sever Machine



Job site for removal of 19 steel piles

MACTECH'S VALUE ADDED TO THE PROJECT:

With record rains in the area, the river was running very high and the current made it difficult to work in the river using conventional methods. Mactech's machine enabled the client to cut and remove piles without the need to use divers for dredging and torch cutting.

ALTERNATIVE METHODS:

Diving was considered but ultimately deemed unsafe.

STEPS TAKEN TO COMPLETE JOB:

1. Client contacted Mactech in February to discuss the possibility of using our equipment for the final phase of the project
2. Mobilized in March
3. Cutting of 19 piles completed in four days
4. Average cut time: 60 minutes

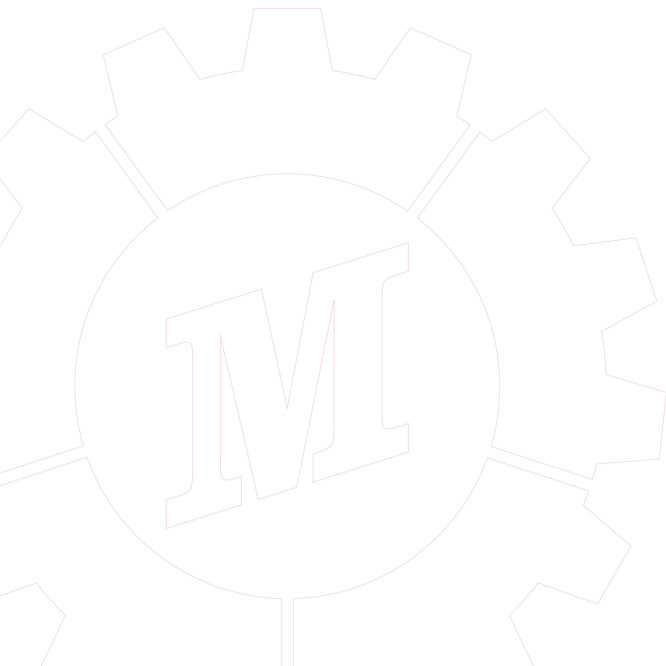


RESULTS:

The customer was very pleased with the tool and the cutting. Going forward, the client has an alternative to using divers for the removal of piles.



Cutting results



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THE INDUSTRY LEADER IN FIELD & OFFSHORE MACHINING SOLUTIONS

Mactech is the leading global provider of machining tools, technologies and on-site & off-shore solutions for the industrial machining industry.



EXCEPTIONAL PEOPLE AND EQUIPMENT



PASSIONATE CUSTOMER COMMITMENT



EXPERTISE FROM EXPERIENCE

RENT FROM MACTECH



COST EFFECTIVE

Renting is less capital intensive than a full product purchase



HANDS-ON EXPERIENCE

Your team gets a chance to handle the equipment before making a purchase decision



FLEET MAINTENANCE

Access to a fleet of products that are maintained and ready to go

WE HAVE AN EXTENSIVE FLEET OF RENTAL MACHINES AVAILABLE:

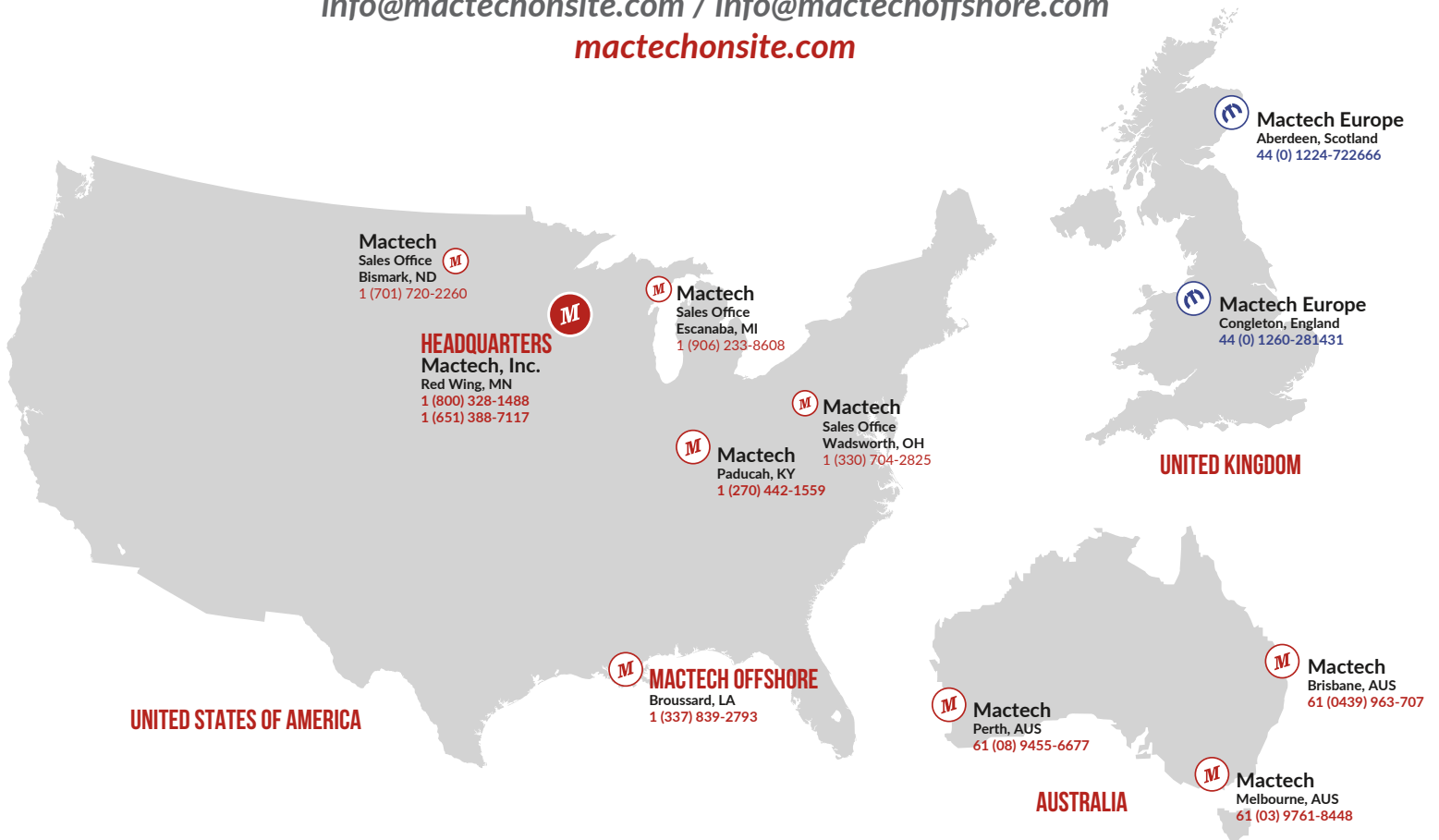
- ▶ 200+ Clamshell pipe cutting machines 2"-110"
- ▶ 40+ Diamond Wire Saws
- ▶ 100+ Portable Drills - up to morse #5 taper
- ▶ 25+ Flange facing machines 1" - 240"
- ▶ 10 Shaft lathes 1"-24"
- ▶ 30+ Line boring machines 3/4" - 10" diameter
- ▶ 50+ Portable milling machines - XYZ, gantry, boring

MACTECH

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MACTECH LOCATIONS

For more information on contacting you nearest sales or rental agent, contact us at:
info@mactechonsite.com / info@mactechoffshore.com
mactechonsite.com



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