

## TECHNICAL DATASHEET

# PIPE EXCAVATION TOOL

### General

The Pipeline Excavation Tool (PET) is designed to excavate a volume of soil surrounding an underwater buried pipeline so that a RetroClamp can be installed by an operator on the surface.

The PET is deployed by a crane and powered by water pumps.

### Environment

|                         |                        |
|-------------------------|------------------------|
| Climate                 | Outdoor, inland marine |
| Ambient operating temp. | -10 to +45 °C          |
| Area certification      | Not Applicable         |
| Area classification     | Not Applicable         |

### Overall Weight & Dimensions

#### BOTTOM SECTION (Item 1)

|                    |  |
|--------------------|--|
| Dimensions (WxDxH) | 1875 x 1320 x 610mm (74 x 52 x 24 in.) |
| Gross Weight       | 200 kg (440 lb.)                       |

#### UPPER SECTION (Item 2)

|                    |  |
|--------------------|--|
| Dimensions (WxDxH) | 1855 x 1320 x 610mm (73 x 52 x 24 in.) |
| Gross Weight       | 100 kg (220 lb.)                       |

#### TOP SECTION (Item 3)

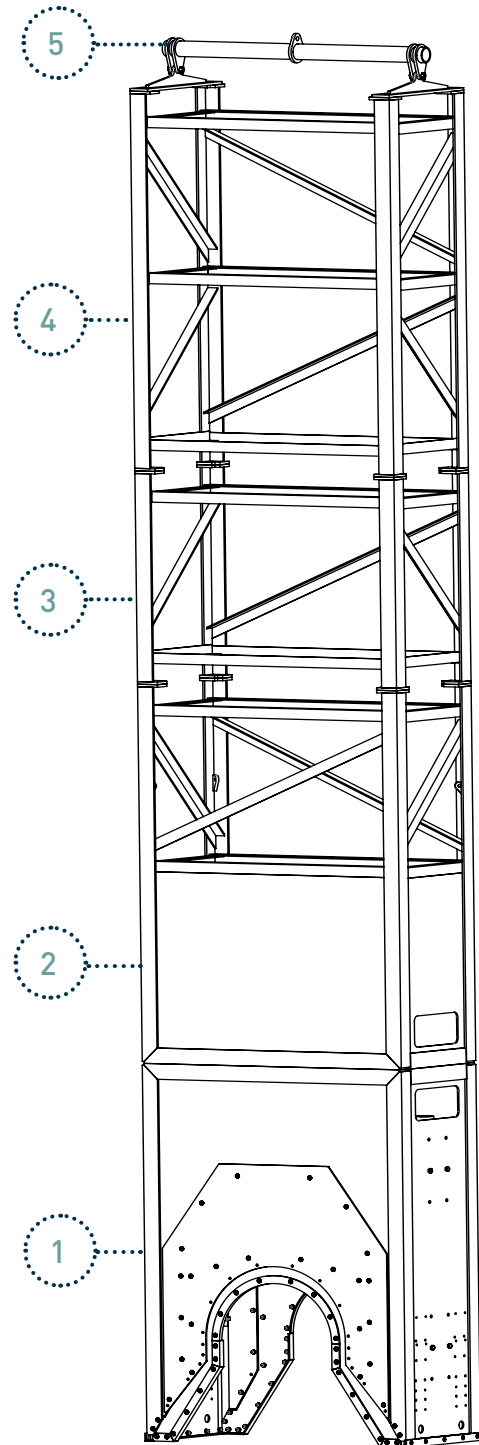
|                    |                                    |
|--------------------|------------------------------------|
| Dimensions (WxDxH) | 1855 x 1320 x 610mm (73x52x24 in.) |
| Gross Weight       | 40 kg (88 lb.)                     |

#### HALF SECTION (Item 4)

|                    |  |
|--------------------|--|
| Dimensions (WxDxH) | 1040 x 1320 x 610mm (41 x 52 x 24 in.) |
| Gross Weight       | 24 kg (53 lb.)                         |

#### SPREADER BAR (Item 5)

|                    |                                       |
|--------------------|---------------------------------------|
| Dimensions (WxDxH) | 280 x 1320 x 610mm (11 x 52 x 24 in.) |
| Gross Weight       | 11 kg (25 lb.)                        |
| MATERIAL           | ALUMINUM                              |



**PATENT PENDING**