

# PILE LIFTING DEVICE CERTIFIED LIFTING TOOL

The PLD is designed to upend and lift foundation piles at construction sites safely. This system significantly reduces the handling time of pile installation. The **patented** Pile Lifting Device PLD100T is certified to lift profiles to 80 tonnes.

## PLD BENEFITS:

- **CERTIFIED AND SAFE PILE HANDLING**
- **TIME-SAVING IN ALIGNING THE PILE**
- **TIME SAVING IN UPENDING, LIFTING AND POSITIONING PILES**
- **SINGLE WINCH OPERATION**
- **FIT FOR WIDE RANGE OF VIBRO HAMMERS**

## MAIN FEATURES:

- Robust patent-pending design
- Vertical movement directly by hydraulic cylinders
- Adaptable for a wide range of vibratory hammers
- Adjustable up to 2.400mm tube diameter
- Stroke 1.960mm
- For weights up to 80 tonnes
- Always perfect clamp alignment
- Linepull of 105.500 kg



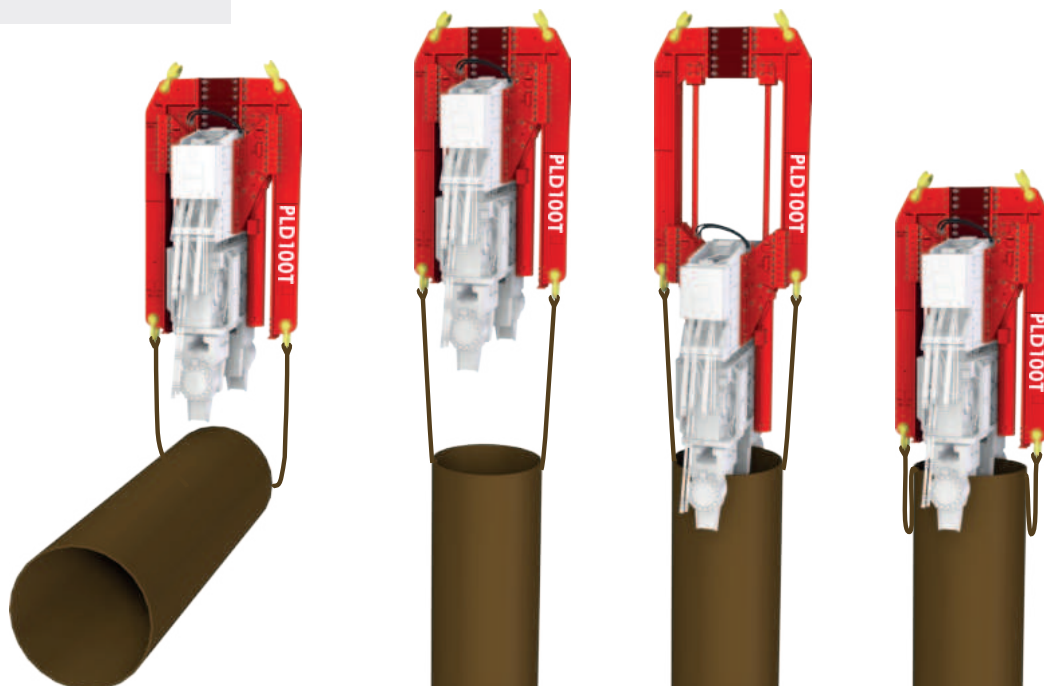
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## OPERATION OF THE PLD VIA A HYDRAULIC POWER PACK, ALSO AFTER MARKET

THE PLD IS A **CERTIFIED** LIFTING TOOL UP TO 80 TONNES TUBE WEIGHT

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## WORKING PRINCIPLE

The following steps are executed:

1. Mount the horizontal tube to the PLD using shackles
2. Lift the pile to a vertical position
3. Lower the vibratory hammer onto the tube by sending out the cylinders
4. Clamp the tube
5. Retract the cylinders to loose tension of the shackles before driving
6. Position to drive the pile into the soil
7. At depth, unhook the pile



## ADAPTABLE TO A WIDE RANGE OF VIBRATORY HAMMERS

PLD100T fits the following models:

	VIBRATORY HAMMER
ICE Normal Frequency	815D, 55NF, 82NF, 1412C & 130NF
ICE Resonance Free	24RF, 28RF, 32RF, 35RF, 40RF, 50RF & 70RF
PVE Normal Frequency	55M, 82M, 110M & 130M
PVE with Variable Moment	24VM, 28VM, 32VM, 35VM, 40VM, 50VM & 70VM

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