

ANNEX B

HAMMER SPECIFICATIONS

Hydraulic piling hammer 打桩锤



Hammer

Manufacturer: MENCK, GERMANY

Model: MHU-800

Production Date: 2001.7

Quantity: 1

Rang of Piling Dia.: 60~84"

Operation Water Depth: 400m

Total Weight In Air: 139t

Total Weight Submerged: 112t

Dimensions: 17x4m

Max. Impact Energy: 800kN • m

Min. Impact Energy: 80kN • m

Blow Frequency 38~45blow/min

Average Operation Pressure: 250bar

Max. Oil Blow Rate: 1600L/min

Raking Pile: 11°

Power Pack

Dimension: 12.2x2.5x2.6m

Weight: 34t

Diesel Engine

Manufacturer: VOLVO

Model: TWD1630G

Quantity: 2

Power: 2*406kw



Air Compressor

Manufacturer: SPERRE

Model: HV2/200-210-219

Quantity: 1

Flow Rate: 3.2m³/min

Pressure: 300bar

Hydraulic Pump

Model: A11VL0260EP2D

Flow Rate: 1600L/min

Pressure: 350bar

Hydraulic piling hammer 打桩锤



Hammer

Manufacturer: MENCK, GERMANY

Model: MHU-1200

Production Date: 2004. 6.

Quantity: 1

Production ID: 63509

Rang of Piling Dia. : 48~96"

Operation Water Depth: 400m

Total Weight (Include Underwater Ballast)

In Air: 203t

Underwater: 169.3t

Underwater Ballast Weight: 37t

Length of Hammer: 18.9m

Max. Impact Energy: 1200kN · m

Min. Impact Energy: 120kN · m

Blow Frequency 10~120blow/min

Hyd. Oil Operation Pressure: 255bar

Max. Oil Blow Rate: 2000L/min

Power Pack

Dimension: 12. 2x2. 44x2. 6m

Weight: 30t

Diesel Engine

Manufacturer: CATERPILLAR

Model: MARINE 3406E

Quantity: 2

Serial NO. : 9WR03646、9WR03643

Power: 2x597kW



Air Compressor

Manufacturer: SPERRE

Model: HV2/210

Quantity: 1

Serial NO. : 210664

Power: 36.5kW

Flow Rate: 195m³/h

Pressure: 30bar

Hydraulic Pump

Manufacturer: MANNESMAN REXROTH

Model: A11V0

Quantity: 4

Flow Rate: 580 L/min

Pressure: 350bar

Hydraulic piling hammer 打桩锤



Hammer

Manufacturer: MENCK, GERMANY

Model: MHU-1900

Production Date: 2006. 3. 1

Quantity: 1

Production ID: 63811

Rang of Piling Dia. : 60~102"

Operation Water Depth: 400m

Total Weight (Include Underwater Ballast)

In air: 231. 1t

Underwater: 187. 7t

Length of Hammer: 22. 5x3. 39m

Max. Impact Energy: 1900kN • m

Min. Impact Energy: 190kN • m

Blow Frequency 32

Hydrau. Oil Operation
Pressure: 250bar

Max. Oil Blow Rate: 3200L/min

Raker Piles: 11°

Power Pack

Dimension: 12. 19x2. 44x2. 9m

Weight: 40t

Quantity: 2

Diesel Engine

Manufacturer: Caterpillar

Model: C18

Quantity: 4

Power: 522kw

Hydraulic Pump

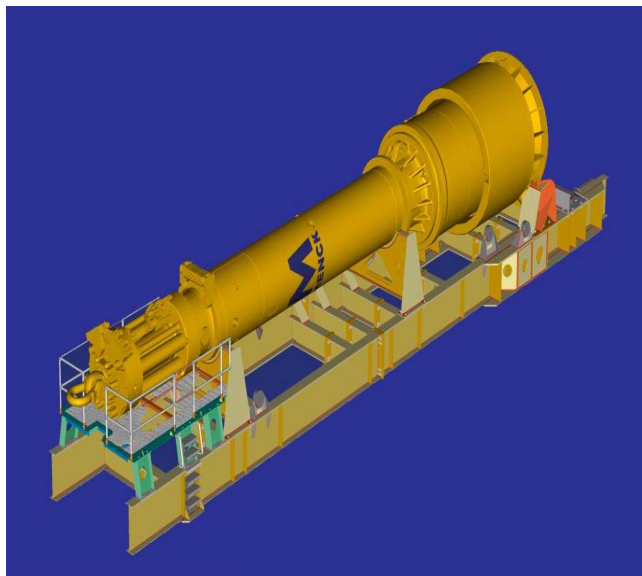
Manufacturer: REXROTH

Model: A11VL0260EP2D/IIR-N2D12K67H

Quantity: 8

Flow Rate: 1600L/min

Pressure: 350bar



Air Compressor

Manufacturer: SPERRE

Model: HV2/210

Quantity: 2

Power: 36. 5kw

Flow Rate: 195m³ /h

Pressure: 35bar

Hose Winch

Dimension of Hydr. Line: 8. 81x3. 53x4. 26m

Net Weight of Hydr. Line: 66t

Dimension of control cable: 2. 44x1. 82x2m

Net Weight of control cable: 42t