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SITE REFERENCE

HYDRAULIC PILE HAMMER



BRUCE HYDRAULIC PILE HAMMER

47 TON RAM WEIGHT (Energy 876 kNm)



SGH-4719, 47 ton ram weight with
1.9 m stroke



- Max. Potential Energy :
89.3 ton.m
- Pile : Steel Casing Pile
- Pile Size :
dia 72 inch, 200 feet Long
- Crane Suspended by
Long Pile Skirt

- POWER PACK : PQ-1200
- CRANE : MANITOWOC
350 TONS



ROLL OVER CRADLE FOR HAMMER SIT

BRUCE HAMMER SITE REFERENCE



SGH-4719, Energy 645,906 ft.lbs / 875 kNm



**Long Pile Skirt
dia. 1,830mm
Casing Pile**



ENGINE Horse Power 1100 HP



40 TON RAM WEIGHT (Energy 745 kNm)



SGH-4019, 40 ton ram weight with
1.9 m stroke



- Max. Potential Energy : 76 ton.m
- Pile : Steel Casing Pile
- Pile Size : dia 2,030mm
- Crane Suspended by Long Pile Skirt

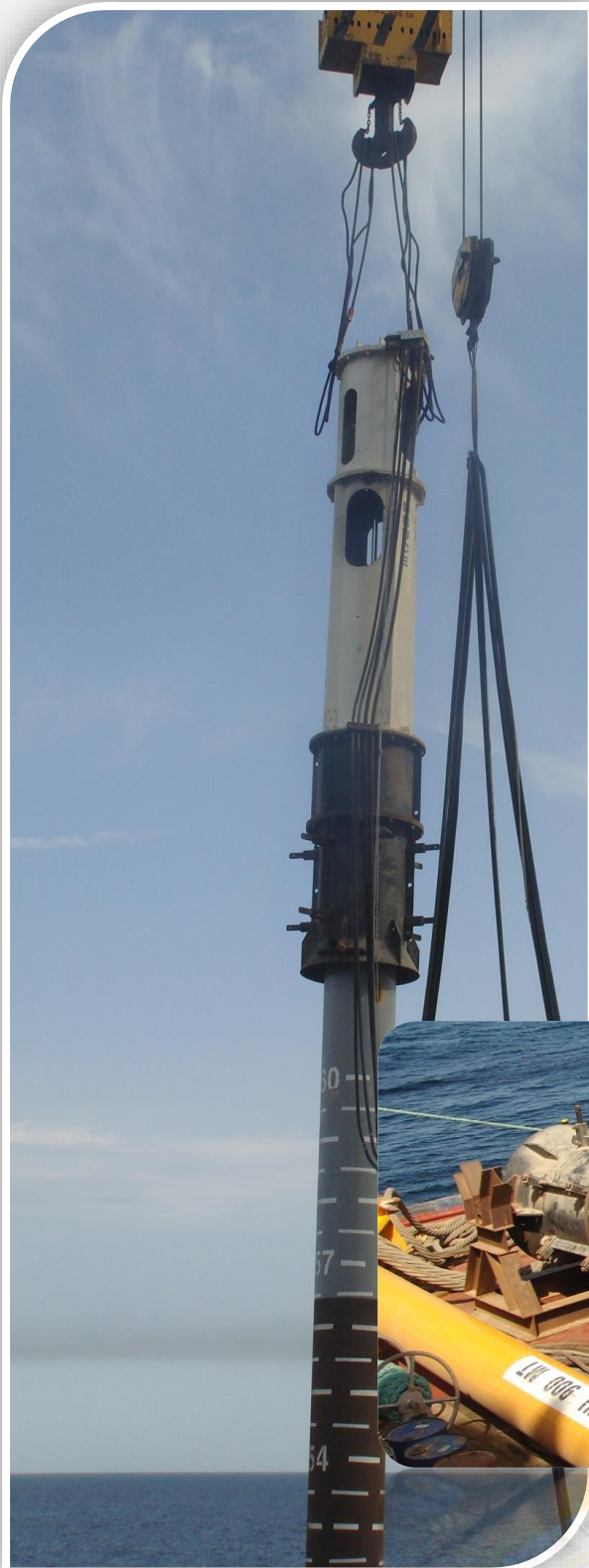
• POWER PACK : PQ-1000



35 TON RAM WEIGHT (Energy 515 kNm)



SGH-3515, 35 ton ram weight with
1.5 m stroke



- Max. Potential Energy :
52.5 ton.m
- Pile : Steel Casing Pile
- Pile Size : dia 1,420mm
- Crane Suspended by
Long Pile Skirt

30 TON RAM WEIGHT (Energy 383 kNm)



SGH-3013, 30 ton ram weight with
1.3 m stroke

- Potential Energy :
39 ton.m
- Pile Material :
Concrete Pre-stressed
Cylinder Pile
- Pile Size :
OD 60 inch×ID 45
inch×120 ft Long
- 84 inch Leads Guide



BRUCE HYDRAULIC IMPACT PILE HAMMER



BRUCE HYDRAULIC IMPACT PILE HAMMER

30 TON RAM WEIGHT (Energy 383 kNm)



SGH-3013, 30 ton ram weight with
1.3 m stroke



- Potential Energy :
39 ton.m
- Pile Material :
Concrete Pre-stressed
Cylinder Pile
- Pile Size :
OD 60 inch×ID 45
inch×120 ft Long
- 84 inch Leads Guide





MODEL : PQ-600



30 TON RAM WEIGHT (Energy 441 kNm)



SGH-3015, 30 ton ram weight with
1.5 m stroke



- Potential Energy :
45 ton.m
- Pile Material :
Concrete Pre-stressed
Cylinder Pile
- Pile Size :
OD 54inch×6inch
thick×80FT Long
- 76 inch Leads Guide



30 TON RAM WEIGHT (Energy 441 kNm)



SGH-3015, 30 ton ram weight with
1.5 m stroke



HAMMER STAND AT BARGE





MODEL : PQ-600



30 TON RAM WEIGHT (Energy 441 kNm)



SGH-3015, 30 ton ram weight with
1.5 m stroke



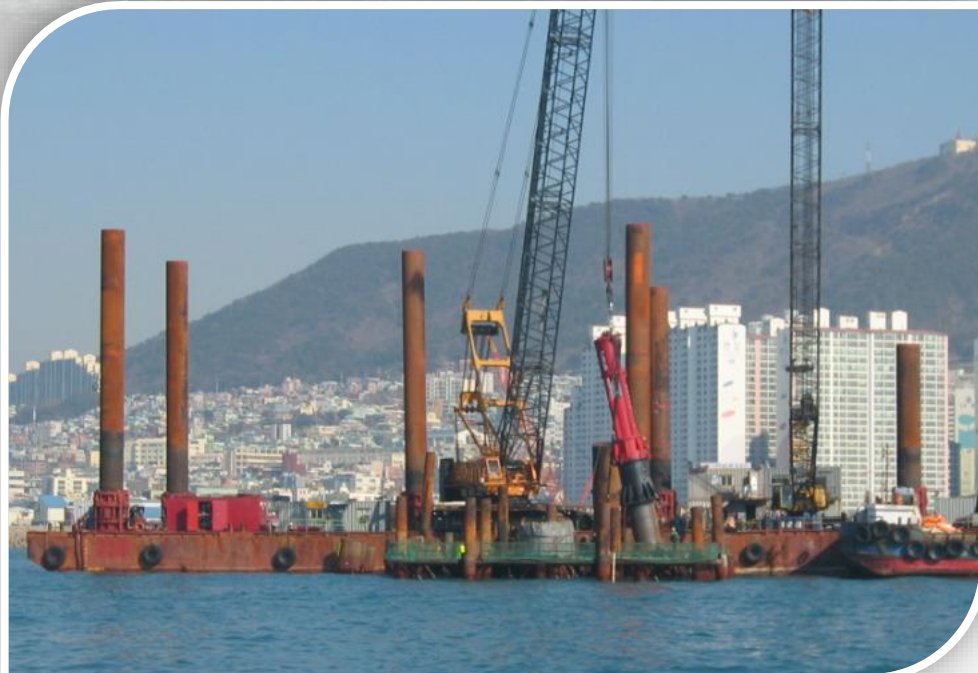
- Potential Energy :
45 ton.m
- Pile Material :
Steel Casing Pile
- Pile Size :
OD 2.5m×19mm
thick×45m Long
- Crane Suspended Free
Hanging



30 TON RAM WEIGHT (Energy 441 kNm)



SGH-3015, 30 ton ram weight with
1.5 m stroke



28 TON RAM WEIGHT (Energy 412 kNm)



SGH-2815, 28 ton ram weight with 1.5 m stroke Bridge Piling Project



- Potential Energy : 42 ton.m
- Pile Material : Casing Pile
- Pile Size : OD 1,420mm
- Crane Suspended Long pile Skirt

28 TON RAM WEIGHT (Energy 412 kNm)



SGH-2815, 28 ton ram weight with 1.5 m stroke Bridge Piling Project



- Potential Energy : 42 ton.m
- Pile Material : Casing Pile
- Pile Size : OD 1,420mm
- Crane Suspended Long pile Skirt

23 TON RAM WEIGHT (Energy 334 kNm)



SGH-2315, 23 ton ram weight with
1.5 m stroke



- Potential Energy :
34 ton.m
- Pile Material :
Steel Casing Pile
- Pile Size :
OD 1.0m×30m Long
- Crane Suspended
Free Hanging

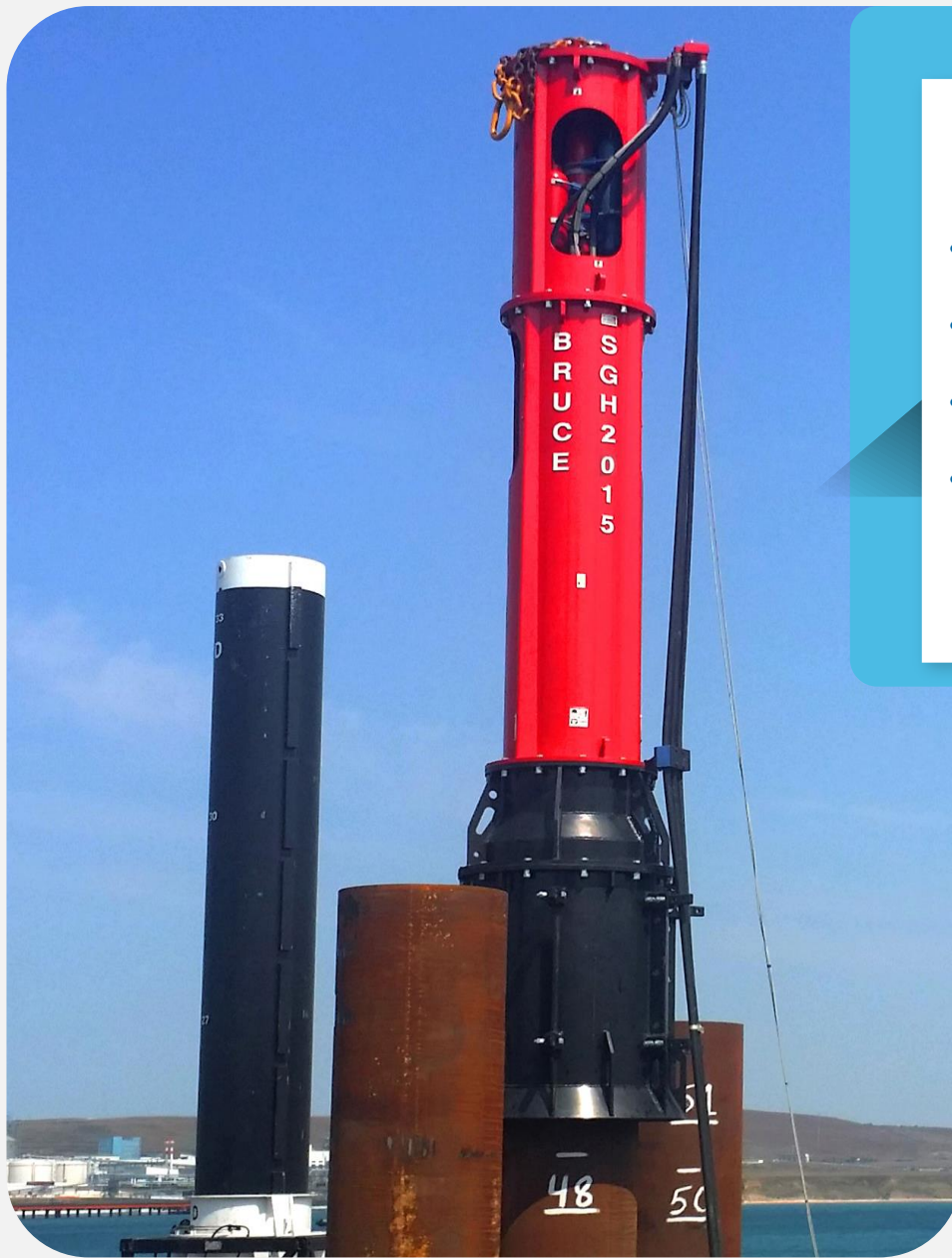


20 TON RAM WEIGHT (Energy 294 kNm)



SGH-2015, 20 ton ram weight with
1.5 m stroke bridge Piling Project

- Potential Energy :
30 ton.m
- Pile Material :
Casing Pile
- Pile Size :
OD 1,420mm
- Crane Suspended
Long Pile Skirt



20 TON RAM WEIGHT (Energy 294 kNm)



SGH-2015, 20 ton ram weight with
1.5 m stroke bridge Piling Project

- Potential Energy : 30 ton.m
- Pile Material : Casing Pile
- Pile Size : OD 1,420mm
- Crane Suspended Long Pile Skirt



20 TON RAM WEIGHT (Energy 294 kNm)



SGH-2015, 20 ton ram weight with
1.5 m stroke – Williamsburg,
Virginia, USA by SKANSKA



- Potential Energy :
30 ton.m
- Pile Material :
Concrete Pre-stressed
Cylinder Pile
- Pile Size :
OD 66inch×120FT Long
- 76 inch Leads Guide



20 TON RAM WEIGHT (Energy 294 kNm)



SGH-2015, 20 ton ram weight with
1.5 m stroke – HONG KONG

- Potential Energy : 30 ton.m
- Pile Material : H-Beam Pile
- Pile Size : 305×305, 60m Long
- Fixed Leader Mounting



18 TON RAM WEIGHT (Energy 265 kNm)



SGH-1815, 18 ton ram weight with 1.5 m stroke

- Potential Energy : 27 ton.m
- Pile Material : PHC Pile
- Pile Size : dia. 600mm
- Fixed Leader Mounting



18 TON RAM WEIGHT (Energy 265 kNm)



SGH-1815, 18 ton ram weight with
1.5 m stroke

- Potential Energy : 27 ton.m
- Pile Material : PHC Pile
- Pile Size : dia. 600mm
- Fixed Leader Mounting



16 TON RAM WEIGHT (Energy 298 kNm)



SGH-1619, 16 ton ram weight with 1.9 m stroke
SGH-1618, 16 ton ram weight with 1.8 m stroke



BRUCE HYDRAULIC IMPACT PILE

- Potential Energy
SGH-1618 : 28.8 ton.m
SGH-1619 : 30.4 ton.m
- Pile Material : H-Beam Pile
- Pile Size : 305×305,
60m Long
- Fixed Leader Mounting



BRUCE HYDRAULIC IMPACT PILE HAMMER

16 TON RAM WEIGHT (Energy 236 kNm)



SGH-1615, 16 ton ram weight with 1.5 m stroke

- Potential Energy : 24 ton.m
- Pile Material :
Steel Casing Pile
- Pile Size : dia. 600mm
- Crane Suspended
Long Pile Skirt



16 TON RAM WEIGHT (Energy 236 kNm)



SGH-1615, 16 ton ram weight with 1.5 m stroke

- Potential Energy : 24 ton.m
- Pile Material :
Steel Casing Pile
- Pile Size : dia. 800mm
- Fixed Leader Mounting



16 TON RAM WEIGHT (Energy 236 kNm)



SGH-1615, 16 ton ram weight with 1.5 m stroke

- Potential Energy : 24 ton.m
- Pile Material :
Steel Casing Pile
- Pile Size : dia. 800mm
- Crane Suspended Free Hanging



HYDRAULIC POWER PACK



Hydraulic Power Pack



14 TON RAM WEIGHT (Energy 165 kNm)



SGH-1412, 14 ton ram weight with 1.2 m stroke

- Potential Energy :
16.8 ton.m
- Pile Material :
Concrete Square Pile
- Pile Size : 36 inch Square
- U-Type Leads :
57 inch Leads



14 TON RAM WEIGHT (Energy 210 kNm)



SGH-1415, 14 ton ram weight with 1.5 m stroke



- Potential Energy : 21 ton.m
- Pile Material :
Concrete Pre-stressed
Cylinder Pile
- Pile Size : dia. 800mm
- Offshore Leader Guider
Mounting

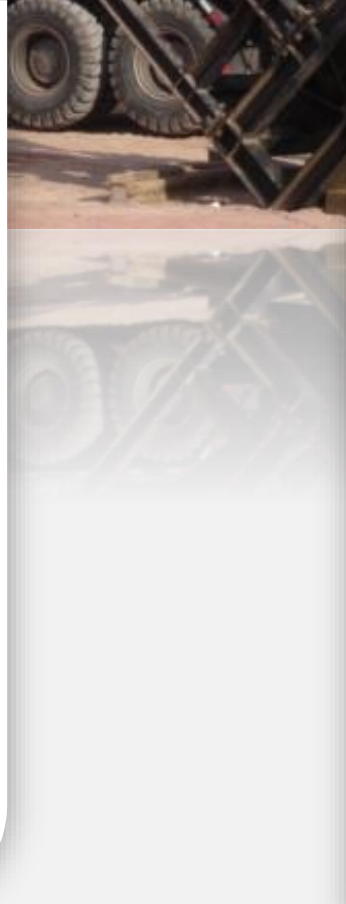
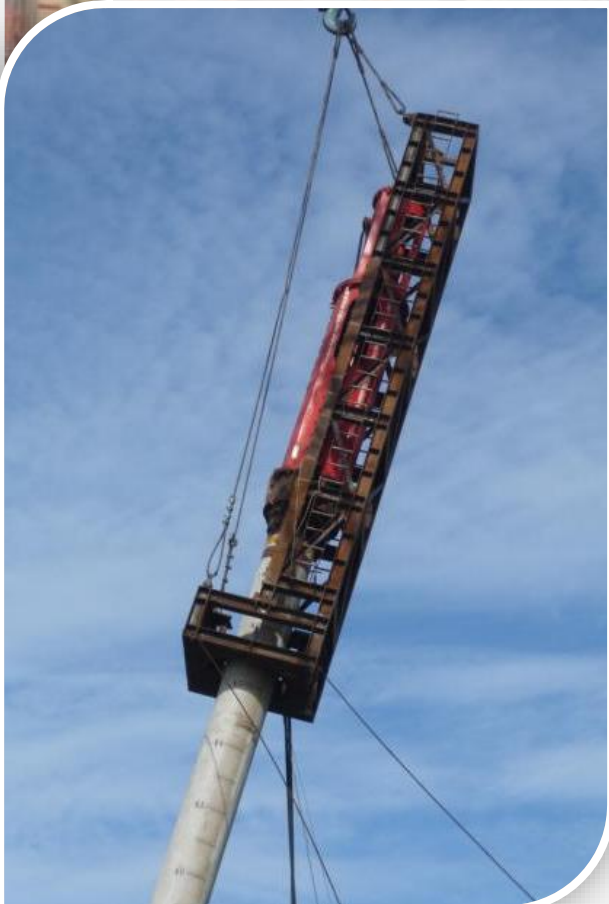
14 TON RAM WEIGHT (Energy 165 kNm)



SGH-1412, 14 ton ram weight with 1.2 m stroke



- Potential Energy : 16.8 ton.m
- Pile Material : Concrete Square Pile
- Pile Size : 36 inch Square
- U-Type Leads : 57 inch Leads



14 TON RAM WEIGHT (Energy 165 kNm)



SGH-1412, 14 ton ram weight with 1.2 m stroke



- Potential Energy : 16.8 ton.m
- Pile Material : PHC Pile
- Pile Size : dia. 600mm
- Fixed Leader Mounting



HYDRAULIC POWER PACK



MODEL : PQ-300



BRUCE HYDRAULIC IMPACT FILE HAMMER

BRUCE HYDRAULIC IMPACT FILE HAMMER

13 TON RAM WEIGHT (Energy 191 kNm)



SGH-1315, 13 ton ram weight with 1.5 m stroke



- Potential Energy : 19.5 ton.m
- Pile Material : Steel Casing Pile
- Pile Size : dia. 800mm
- Fixed Leader Mounting



LNG GAS STORAGE PLANT

HYDRAULIC POWER PACK



MODEL : PQ-300



12 TON RAM WEIGHT (Energy 141 kNm)



SGH-1212, 12 ton ram weight with 1.2 m stroke

- Potential Energy :
14.4 ton.m
- Pile Material :
Concrete Octagonal Pile
- Pile Size :
600mm×26m Long
- Crane Suspended Free
Hanging



HYDRAULIC POWER PACK



MODEL : PQ-250





<< SGH-1012, 10 ton ram weight with 1.2 m stroke >>

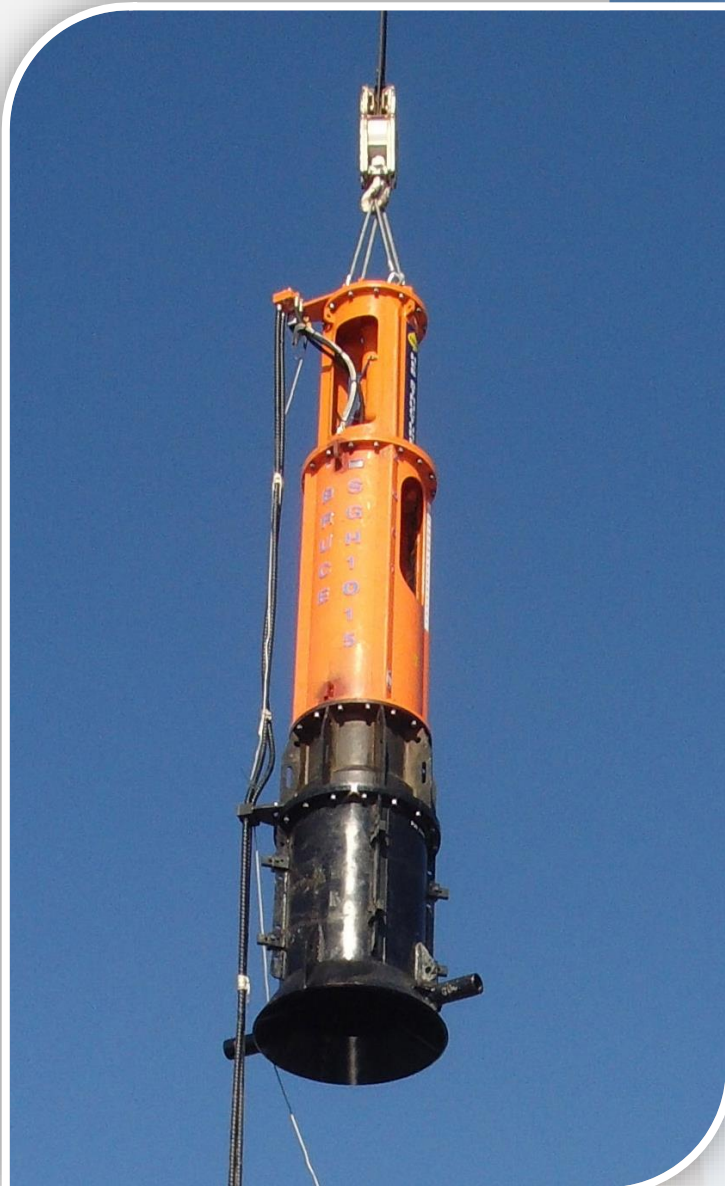
- Potential Energy : 12 ton.m
- Dynamic Soil Compaction
- Fixed Leader Mounting





<< SGH-1015, 10 ton ram weight with 1.5 m stroke >>

- Potential Energy : 15 ton.m
- Pile Material : Casing Pile
- Pile Size : dia. 600mm
- Crane Suspended Long Pile Skirt





<< SGH-1012, 10 ton ram weight with 1.2 m stroke >>



- Potential Energy : 12 ton.m
- Pile Material :
Steel Casing Pile
- Pile Size : dia. 600mm
- Fixed Leader Mounting

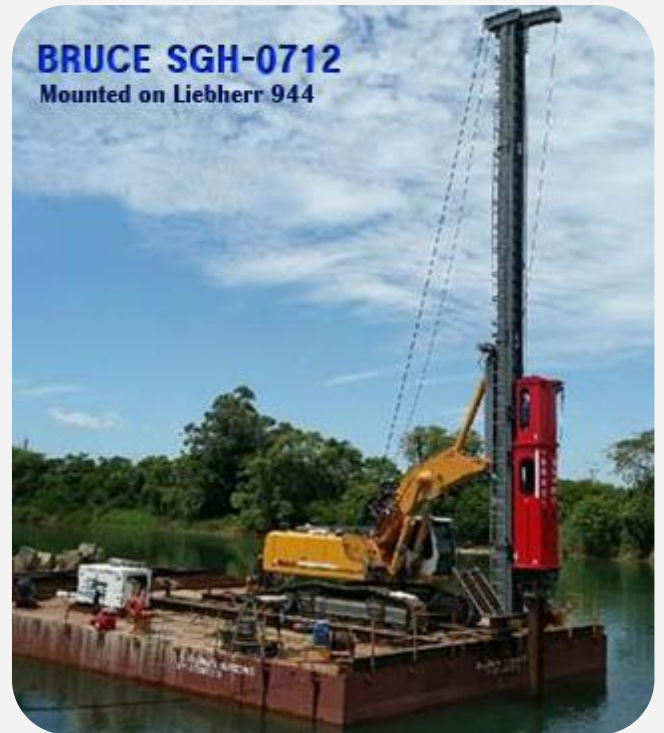




<< SGH-0712, 7 ton ram weight with 1.2 m stroke >>



- Potential Energy : 8.4 ton.m
- Pile Material :
Concrete Square Pile
- Pile Size : 24 inch



BRUCE SGH-0712
Mounted on Liebherr 944





<< SGH-0712, 7 ton ram weight with 1.2 m stroke >>
LONG PILE SKIRT

- Potential Energy : 8.4 ton.m
- Pile Material :
Concrete Cylinder Pile
- Pile Size : dia. 600mm
- Crane Suspended Free Hanging



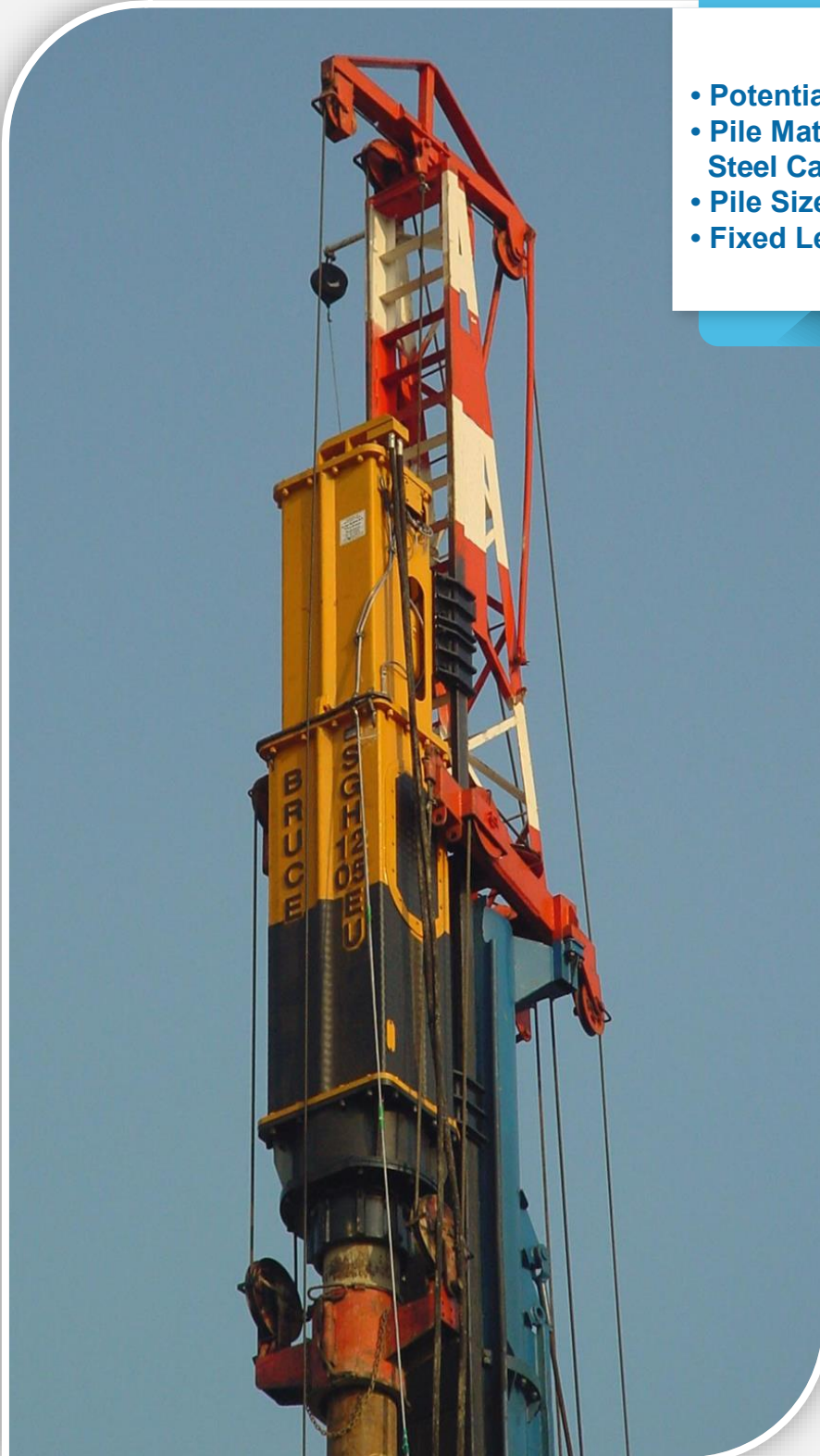
Long Pile Skirt
for Crane Suspended Pile Driving

PQ-200 Power Pack





<< SGH-0512, 5 ton ram weight with 1.2 m stroke >>



- Potential Energy : 6 ton.m
- Pile Material :
Steel Casing Pile
- Pile Size : dia. 450mm
- Fixed Leader Mounting





<< SGH-0512, 5 ton ram weight with 1.2 m stroke >>





<< SGH-0512, 5 ton ram weight with 1.2 m stroke >>





<< SGH-0412, 4 ton ram weight with 1.2 m stroke >>

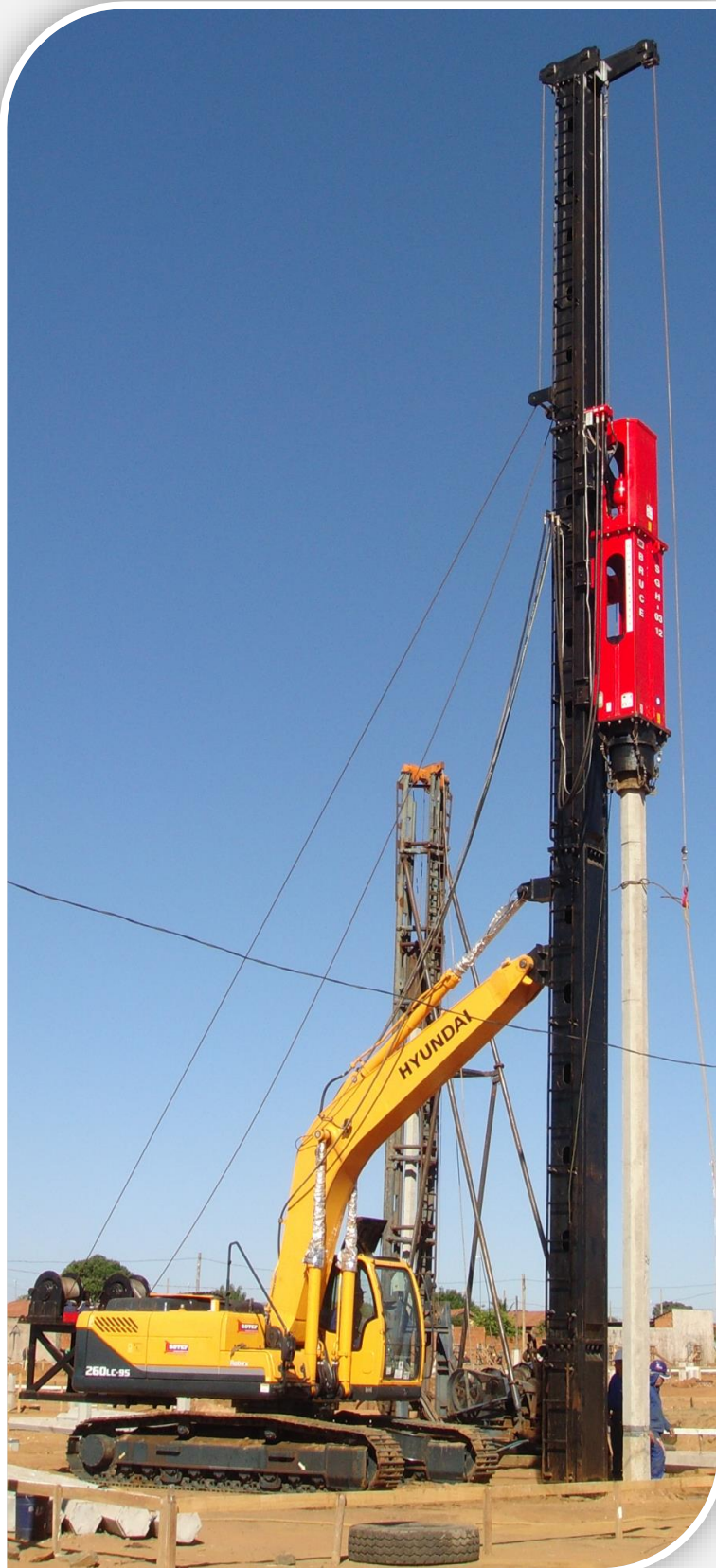


- Potential Energy : 4.8 ton.m
- Pile Material : Concrete Pile
- Pile Size : 26 inch Square
- U-Type Leads :
27 inch Leads





<< SGH-0312, 3 ton ram weight with 1.2 m stroke >>



- Potential Energy : 3.6 ton.m
- Pile Material : Concrete Pile
- Pile Size : 300mm Square





<< SGH-0212, 2 ton ram weight with 1.2 m stroke >>



- Potential Energy : 2.4 ton.m
- Pile Material : Concrete Pile
- Pile Size : 350x350 Square





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