IEA manages pile driving efficiencies

**Applicable functions of IEA system**

- **WINDOWS TOUCH SCREEN**
  - Up to date, robust and easy to use
  - Compatible with Windows at everywhere
  - Data evaluation available at the office

- **DESIGN CONSTRUCTION**
  - Supervise the construction progress
  - Adaptable most driven pile foundation

- **VARIABLE FUNCTIONS**
  - Visual check for actual stroke height
  - Blow rates for steps calculated
  - Average energy on penetration depth
  - Total pilling time for a single pile
  - Easy conversion of engineering unit
  - A real time basis of data on site

- **UNLIMITED DATA STORAGE**
  - Data storage for the next schedule
  - Data printing out with a quick action

- **EXTENSIVE PILE MANAGE**
  - Manage pile history by each project
  - Construction proof to be presented
  - Protect pile materials and equipments

**Image descriptions**

- **Window Touch Screen**
- **Pile Driving Information**
- **Real Time Data on Site**
Why can IEA SYSTEM be benefitted?

- Visual check for actual stroke height
- Pile history manage for next project
- Protect pile materials and equipment
- Supervise pile energy efficiency

**Job Sites**
- Penetration depth (ft)
- Blows per step
- Cumulative blows
- Blow rate (bpm)
- Average energy per step (lbs-ft)
- Stroke height (ft)

**Monitoring Energy**

**Office Analyzation**
- Compatible with Windows
- Data evaluation at the office
- Job data printing out
- Construction proof to present
- Job result feedback

**Feedback**

**BRUCE™ PILING EQUIPMENT**
# Actual Impact Energy data evaluation

## IMPACT ENERGY ANALYZER SYSTEM DATA TABLE

<table>
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<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
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<td>Penetration Depth (ft)</td>
<td>Blow Rate per Step (bpm)</td>
<td>Cumulative Blows</td>
<td>Blow Rate per Step (lbs-ft)</td>
<td>Average impact energy per step (lbs-ft)</td>
<td>Stroke Height (ft)</td>
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</table>
IEA works for a tough construction environment

Appearance of IEA system

Energy data printing out

SPECIFICATION

- Dimension (W × D × H) : 580 × 325 × 190mm
- Weights : 12 kg
- Printer Paper : Thermal Roll Paper 57.5mm
- IEA Input Power : DC 24V

IEA system reflects the impact pile hammer energy efficiency