



Above: The light weight LX hammer gives greater stability to piling rigs, especially in applications where a greater reach is required.

A lightweight powerful hydraulic piling hammer capable of driving all types of steel, concrete or timber piles in a variety of soil conditions.

- Designed for easy maintenance**
- Short overall length**
- Optimum power to weight ratio**
- Can operate from BSP Power pack or from hydraulic piling rigs or cranes**
- A range of standard drive caps and pile helmets are available**
- The hammers can be fitted with a single acting hydraulic system to give an equivalent stroke of 800mm**
- Alternatively a double acting cylinder can be fitted to give an equivalent stroke of 1.2 m**

| Specifications | Ram Mass | Impact Energy with SA cylinder | Impact Energy with DA cylinder | Blow Rate with SA cylinder | Blow Rate with DA cylinder | Operating Pressure | Max Oil Flow Required |
|----------------|----------|--------------------------------|--------------------------------|----------------------------|----------------------------|--------------------|-----------------------|
| MODEL | kg | kNm | kNm | b/min | b/min | bar | l/min |
| LX30 | 2500 | 20 | 30 | 55 | 65 | 120 | 160 |
| LX40 | 3000 | 27 | 40 | 52 | 62 | 140 | 170 |
| LX50 | 4000 | 33 | 50 | 50 | 60 | 160 | 180 |

Performance related to use with BSP Hydropacks.

BSP INTERNATIONAL FOUNDATIONS LTD

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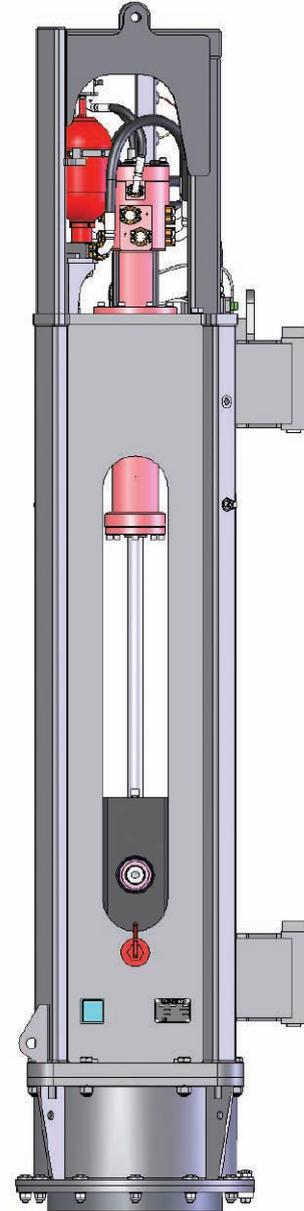
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The LX range of piling hammers is designed for driving a wide variety of bearing and sheet piles. Available with back guides operating from a piling mast the LX range have the following important features:

- Total control of hammer stroke and blow rate**
- Allows precise matching of energy to suit the pile driving requirements**
- Highly efficient hydraulic system gives low energy loss and low running cost**
- Cylinder and dropweight connection with shock absorber, easily accessible for maintenance**
- Cage and dropweight design gives short overall hammer length**
- Simple fast dolly change**
- Available with BSP Hydropacks for optimum hammer performance**
- Can be operated directly from Hydraulic crane or excavator base**



| Specifications | Ram Mass | Approx Operating Weight C/W Helmet | Overall Length | Overall Width | Overall Depth | Stand Out From Leader |
|----------------|----------|------------------------------------|----------------|---------------|---------------|-----------------------|
| MODEL | kg | kg | m | mm | mm | mm |
| LX30 | 2500 | 6710 | 4.8 | 835 | 835 | 500 |
| LX40 | 3000 | 7210 | 4.85 | 835 | 835 | 500 |
| LX50 | 4000 | 8210 | 4.95 | 835 | 835 | 500 |

The above weights and dimensions are given as a typical guide only. Designs can vary to suit customer specific applications and pile type. Contact BSP for greater detail.

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