



**AGD Equipment Limited**

SALES • RENTAL • SERVICE • PARTS

**MINI CRANES**

**CRAWLER CRANES**

**TELESCOPIC CRANES**

**PILING RIGS  
AND EQUIPMENT**

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**BSP-TEX CX85  
Impact Hammer  
with HP150  
Power Pack**

[www.agd-equipment.co.uk](http://www.agd-equipment.co.uk)

## **BSP-TEX CX85 Vibratory Hammer**

CX hydraulic piling hammers are designed for driving a wide range of bearing or sheet piles. Available with legs and inserts or tube pile guides for use freely suspended, or with back guides for operating from a hydraulic piling rig or leaders. The CX85 hammer is capable of driving steel or concrete piles to an ultimate load bearing capacity of up to 6500kN.

### Features

- Total control of hammer stroke and blow rate
- Allows precise matching of energy to suit the pile driving requirements
- Highly efficient hydraulic system delivers low energy loss and low running cost
- Simple, fast dolly changing
- Low maintenance and easily accessible
- Cage and drop-weight design gives short overall hammer length
- Can be operated directly from hydraulic crane or with BSP-TEX power pack
- Suitable for driving raked/batter piles
- Unique accelerated cylinder design offers superior performance

### Operating Modes

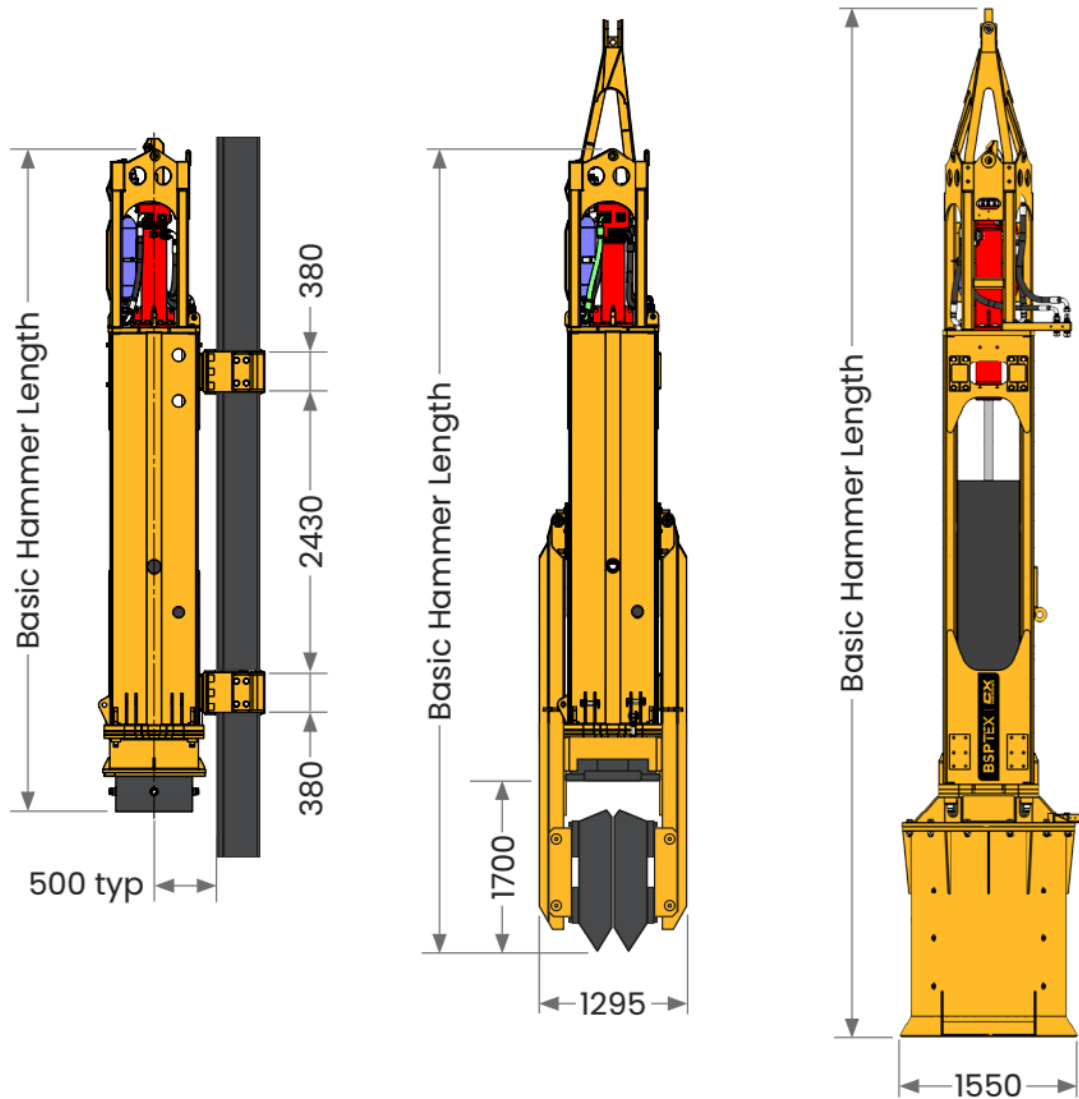
- Freely Suspended
- Piling Rig / Mast

### Pile Types

- Sheet Piles
- Tube & H-Piles
- Concrete Piles

### Power Source

- Power Pack
- Crane / Excavator PTO



## Technical Data

Dropweight mass	kg	7000
Hammer energy	kN.m	85
Max. equivalent stroke	M	1.2
Operating pressure	bar	250
Hydraulic oil flow required	L/min	220
Blow rate at rated energy	bpm	38
Basic hammer length	mm	5860
Basic hammer weight	kg	11450
Maximum pile size	mm	1525
Max. pile bearing capacity	kN	6500

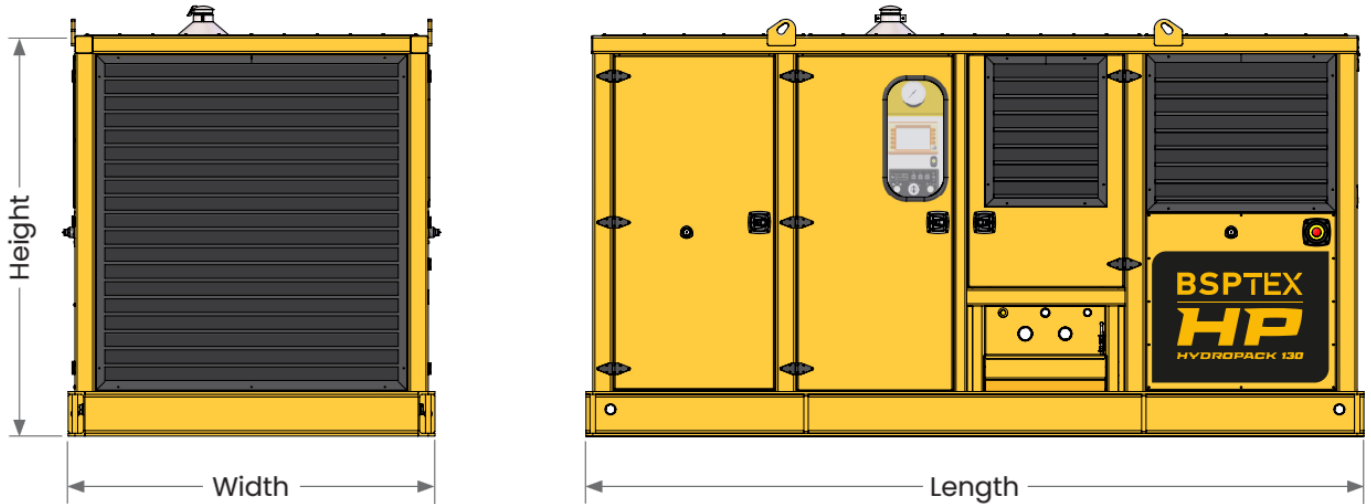
Recommended power pack:      BSP-TEX HP150

## BSP-TEX HP150 Power Pack

The BSP-TEX HP150 Power Pack is exceptionally reliable and easy to maintain. Diesel power is provided by a turbocharged and after-cooled Perkins series industrial engine which complies with the latest EU/EPA regulations.

The power pack includes a robust skid frame, central external lifting points, bund for containment of spillages, lockable access doors and acoustic attenuation.

Control panel functions include system protection shut down, engine rpm, emergency stop, system load test and fault diagnosis using the latest CAN bus technology.



H	W	L
1.75m	1.65m	3.5m

### Technical Data

Power output	kW	150
Max. flow	L/min	250
Max. operating pressure	bar	300
Hydraulic oil capacity	L	600
Fuel capacity	L	350
Weight dry	kg	3700
Weight including fuel and oil	kg	5000

Engine emission status (EU)	Stage-V
Engine emission status (EPA)	Tier 4