

BSP TEX Ltd



BSP RIC

Perkins hammers home the hydraulic advantage for BSP TEX

Whether building Europe's largest Ferris wheel, the London Eye, or constructing a new bridge across Venezuela's largest lake, it's equipment from British firm BSP TEX Ltd that engineering firms turn to again and again.

As one of the world's premier manufacturers of hydraulic piling hammers and ground improvement equipment, the company counts contractors and rental companies from every continent amongst its customers, explains the company's chief technical officer Adrian Cooper.

"Piling hammers are our core business," he says "That's been the case for more than 100 years, and over that time the company's been responsible for much of the evolution of piling hammer design.

"From the simple drop hammer, through hammers powered by steam, air and diesel, BSP TEX became the first UK company to bring the hydraulic impact hammer to a global market."

Key Facts

Customer
BSP TEX Ltd

Location
Ipswich, UK

Engine models
Perkins® 1206J-E70TA
Perkins® 1204F-E44TTA

Application
Hydraulic piling hammers

OEM website
tex-holdings.co.uk



The Hydropack

Key to the success of the hydraulic hammer is the 'Hydropack'. Similar in size and appearance to an electric generator, the Hydropack provides the 'back-end' to the hammer: hydraulic power.

"We use the Perkins® 1206J-E70TA Stage V engines," adds sales director Ray Ransome. "Not only is it compliant for sales within the EU, but its typically low fuel consumption makes it a logical choice for the Hydropack."

"Both the 1206J and the 1106D, another Perkins unit we use regularly, fit a large range of hammers with drop weights anything from four to eleven tonnes. With that kind of range, it's a family of engines that has served us well for many years."

Dependable power

Part of the 1200 Series family of engines, the high-power density and torque delivered by the 1206J-E70TA is ideally suited to BSP TEX's Hydropack 150. The EU Stage V/U.S. EPA Tier 4 Final engine packs a powerful 151 kW and 870 Nm of torque.

While the Hydropack 130 is fitted with the Perkins® 1106D-E66TA, delivering 129 kW and torque of 750 Nm. Rated as Stage IIIA/Tier 3 equivalent, the engine enables BSP TEX to sell into parts of the world where lesser regulated powers are required.

Economy is measured in more ways than fuel consumption alone. "Whether the customer's an active contractor or hiring out plant, time is money. Reliability is essential, as is brand recognition: Perkins scores highly on both fronts," says Adrian.

"When you're selling to international markets, and supporting high-profile construction projects, you need a brand that's recognised around the world. Perkins has that name."

Adrian Cooper, chief technical officer at BSP TEX Ltd

Of course, reliability isn't just about good engineering and manufacture. "Maintenance matters," Ray chips in, "and this is another reason why our customers like Perkins. Service back-up is exemplary, with representation around the globe. Routine maintenance or a priority engine issue, a service agent can be contacted and the customer's up and running again."

"Once the unit gets out into the wider world, we don't really hear a lot about the engines," Adrian enthuses. "We know they work; we know they do a good job. That's what we want to hear."

Technical advice and global support

Hydropack construction is managed in close association with BSP TEX's Perkins distributor, Diperk. Adrian says their involvement provides absolute confidence in the unit's performance when it eventually arrives on site.

"A good distributor is essential. Diperk serves us well in holding stock on the shelf and they're always available to provide technical input and advice when we need it," he points out.

"When you're selling to international markets, and supporting high-profile construction projects, you need a brand that's recognised around the world. Perkins has that name. We trade on that, without a doubt. It serves us very well, and customers too: they're happy that they have local support from a global brand."

"We're very happy with Perkins, the supply and the quality we get. We don't see any reason to change horses."

The Perkins® 1206J-E70TA meets EU Stage V and is ideally suited to BSP TEX's Hydropack 150 thanks to its powerful 151 kW and 870 Nm of torque at 1400 rpm.

