Batter Piles: Read and understand this chart. Driving Batter piles may require a cylinder extension.

Driving batter piles puts added wear and tear on the piston and cylinder. To reduce wear and increase safety, a cylinder extension may be required. Please read the chart below to determine whether an extension is required.

Please note the batter limits of each model. It may not be possible to drive steep batter piles even with an extension.

Hammer energy output will be reduced due to friction drag. Please check the "Energy For Driving Of Batter Piles" chart found the the APE website or read the Master APE Diesel Manual downloadable from the APE website at www.apevibro.com

with standard upper cylinder section

with extension of the upper cylinder section

Driving is possible without extension; no material guaranty, however.