

# EML45



## Excavator Mounted Lead System for 45 Ton Excavator

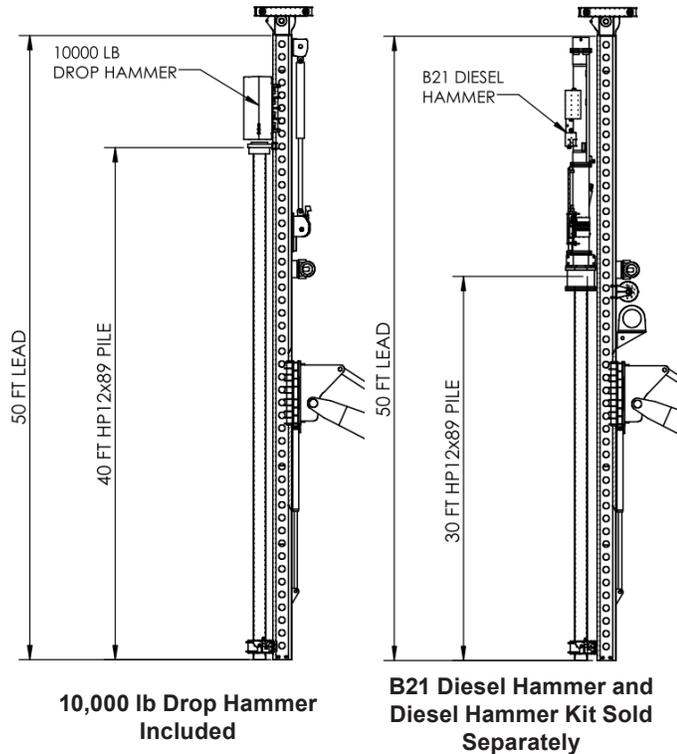
### Features

- 2,000 kN ULS Factored Geotechnical Resistance based on 4,000 kN Mobilized Geotechnical Resistance\* (A Driven Pile is a Tested Pile!)
- Designed to drive 40' Sections HP12x74/ 310x110
- Side slewing for level correction
- Sheeting Anvil Option Available



EML45 System Shown

Base Machine	45 US ton	40.82 tonne
Total EML System Weight (excluding pile & excavator):	23,000 lbs	10,431 kg
Weight of Drop Hammer & Anvil	10,900 lbs	4,944 kg
Drop Hammer Stroke on Leads	42-ft 2-in	12.58m
Total Lead Length	52-ft 5-in	15.98m
Shipping Length of Lead Assembly	52-ft 5-in	15.98m
Shipping Height of Lead Assembly	7-ft 5-in	2.26m
Shipping Width of Lead Assembly	5-ft 4-in	1.63m
Pile Line Winch - (single part)	12,000 lbs nominal lift capacity	53 kN
Gate/Tool Guide Opening Diameters	18.5-in	0.47m
Working radius – Vertical Driving (center of excavator to center of pile):		
Approximate Maximum Reach (360°) (Dependant on Excavator Model)	26 ft	7.92 m
Approximate Minimum Reach (360°) (Dependant on Excavator Model)	18 ft	5.49 m
Side-to-Side Slewing	+/- 3 Degree	
Drop Hammer Mass	10,000 lbs	4,536 kg
Standard Anvil Mass	900 lbs	408 kg
Sheeting Anvil Mass * Sold Separately	1,400 lbs	635 kg
Potential Energy (7ft Drop)**	70,000 ft-lbs	95 kJ
Measured Energy (7ft Drop)**	52,500 ft-lbs	71 kJ
Efficiency ef	0.75	



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\* Geotechnical conditions may alter the pile proving capacity  
\*\*4 ft stroke is operational stroke, 7 ft stroke should only be used for pile proving