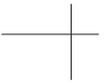


EML30



Excavator Mounted Lead System for 30 Ton Excavator

Features

- 1,600kN ULS Factored Geotechnical Resistance based on 3,200kN Mobilized Geotechnical Resistance* (A Driven Pile is a Tested Pile!)
- Designed to drive 30' Sections HP12x74/ 310x110
- Side slewing for level correction
- Sheeting Anvil Option Available



Base Machine	30 US ton	27.21 tonne
Total EML System Weight (excluding pile & excavator):	17,950 lbs	8,142 kg
Weight of Drop Hammer & Anvil	8,850 lbs	4,014 kg
Drop Hammer Stroke on Leads	33-ft 4-in	10.16 m
Total Lead Length	42-ft 3-in	12.88 m
Shipping Length of Lead Assembly	37-ft 0-in	11.28 m
Shipping Height of Lead Assembly	6-ft 9-in	2.06 m
Shipping Width of Lead Assembly	5-ft 9-in	1.75 m
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)	20 ft	6.10 m
Approximate Minimum Reach (360°) (Dependant on Excavator Model)	15 ft	4.57 m
Side-to-Side Slewing	+/- 3 Degree	
Drop Hammer Mass	8,000 lbs	3,628 kg
Standard Anvil Mass	850 lbs	386 kg
Sheeting Anvil Mass * Sold Separately	1,400 lbs	635 kg
Potential Energy (7ft Drop)**	56,055 ft-lbs	76 kJ
Measured Energy (7ft Drop)**	42,041 ft-lbs	57 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

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