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ICE® PIN CONNECTED SWINGING LEADS

Swinging leads are hung from the crane boom by a crane line. The bottom of the leads are held in position by stabbing points. The crane line and boom are positioned to hold the pile plumb or at the desired batter.

Swinging leads are the lightest, simplest, and least expensive. Precise alignment of the crane and pile is not required. It is possible to drive in a hole or over the edge of an excavation. However, swinging leads require a three-line crane (leads, hammer & pile). And precise positioning of the leads is slower and more difficult.



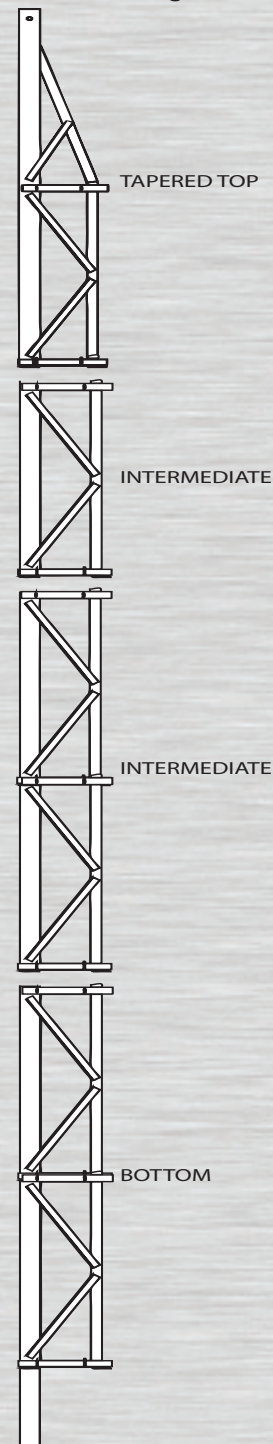
SWINGING LEADS COMPONENTS

ICE swinging leads are assembled from three basic components—a top section, a bottom section, and intermediate sections.

The tapered top section is used at the top of swinging leads. The taper at the back of the leads provides the required clearance for the crane boom. A bail attachment is a standard part of the tapered top section and it accepts a standard shackle. The top section has a full-length ladder (except for the top eight feet).

The bottom section is used at the bottom of the swinging leads. Four-foot stabbing points hold the leads in position during driving. The bottom section has a full length ladder.

Multiple intermediate sections are used with the above sections to provide various lengths of leads. Intermediate sections have full length ladders.





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	A	26 in.	32 in.
	B	leads	leads
	A	45.5	52.5
	B	41.5	48.5
	C	34.5	40.5
	D	26.5	32.5
	E	20.8	31
	F	8	8
	G	36.1	48.6

Description & Weight by Size

Swinging leads components

	26 in	32 in
20' Top Section with lifting bail assembly	2,450	2,475
11' Intermediate section	1,750	1,770
20' Intermediate section	2,850	2,885
38' Intermediate section	5,260	5,320
20' Stab point bottom section	2,450	2,475
Lifting angles (pair, pin-on)	550	575
Connecting pins (weight per connection)	18	18

CAUTION

ICE® leads are designed and built for normal hammers piles and driving conditions. If unusual hammers, piles or driving conditions are encountered or if any question about specific job situation arises, contact ICE before proceeding with pile driving operations.



ICE sells and rents a full line of standard pile hammers, leads and accessories to meet a wide variety of job requirements. In addition, ICE engineers and production personnel are fully qualified to design and build special leads and accessories to meet unique and difficult job specifications.

An efficient, productive lead set-up is key to a profitable pile driving operation. Experienced ICE personnel are available to insure that the proper components are provided to achieve the optimum arrangement for each job.

INTERNATIONAL CONSTRUCTION EQUIPMENT, INC.

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