

## CABLE CONNECTED PILE HAMMER

### SPECIFICATIONS

MODEL	50	65	80	100	115
Rated Striking Energy - Maximum - Ft. Lbs.	15,000	19,500	26,000	32,500	37,375
Blows per Minute - Normal Stroke & No Set {a}	60	60	50	50	50
Inlet Pressure at Hammer - PSI	80	100	85	100	120
Normal Stroke - Inches	36	36	39	39	39
Volume of Free Air - CFM - adiabatic {b}	565	625	850	950	1060
Steam Consumption @ 212o F(at hammer) - PSI {c}	1,925	2,300	3,000	3,425	3,980
Inlet Connection - Dia. In Inches	2	2	2-1/2	2-1/2	2-1/2
Head Sheave Groove Diameter	3/4	3/4	7/8	7/8	7/8
Distance between Jaws - Inches	20	20	26	26	26
Jaw Width - Inches {d}	8-1/4	8-1/4	9-1/4	9-1/4	9-1/4
Length of Hammer (without helmet)	13'0"	13'0"	15'0"	15'0"	15'0"
Weight of Striking Parts - Lbs.	5,000	6,500	8,000	10,000	11,500
Weight of Hammer - Lbs.	9,700	11,200	16,700	18,700	20,250

{a} Hammer operating speed is a function of many variables, including penetration resistance, cushion material, pressure, stroke, etc. Observed blow-count will vary depending on driving conditions. Energy is not a function of speed.

{b} Compressor output must exceed air required at hammer due to line and efficiency losses. It is advisable that the adiabatic consumption figure be increased by approximately 30% in the determination of the of the required compressor size.

{c} Steam consumption is based on feedwater and steam temperature of 212o F.

{d} Standard Female Jaw dimensions are shown. Male Jaws are available on special order.

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# CONMACO



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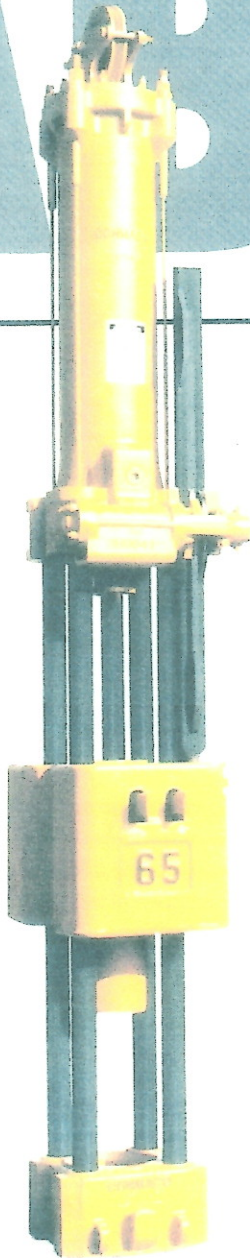
## SINGLE-ACTING AIR/STEAM HAMMERS

# CABLE

Conmaco's patented\* cable-connected pile hammers are efficient, dependable and simple to maintain.

By connecting cylinder to base with cables, these hammers eliminate all column keys and column bar breakage. And by eliminating key slots, the base casting can be even stronger.

Conmaco cable-connected hammers are also engineered with easily serviceable features like an outboard bearing on the trip mechanism, renewable cast iron valve sleeves and replaceable inserts for slide bar grooves\*\* to simplify maintenance and increase service life. Even the cables can



be retensioned, if necessary, with no special tools or training.

Conmaco cable-connected hammers are available in nearly any size. And each one comes with the expertise and follow-through Conmaco has gained during more than 80 years of selling, renting and servicing pile driving equipment.

Feature for feature, blow for blow, you won't find higher quality, or better lifetime value, than Conmaco cable-connected hammers.

**CONMACO**

*Depend on our Quality.  
Benefit from our Experience.*

\*U.S. Patent #3,375,881

\*\* Not available on model 300E5 and 200E5.