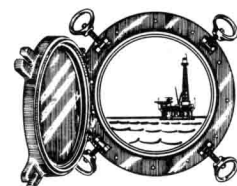




OFFSHORE PRODUCTS DIVISION

VULCAN IRON WORKS INC.

SPECIFICATIONS



OFFSHORE CABLE TYPE PILE HAMMER

Size 040

Model No. 10F100 Spec. No. 2103

OPERATING DATA

Rated Striking Energy.....	120,000 Ft. Lb.....	16,596 kg m
Blows Per Minute @ Rated Pressure.....	60.....	60
Nominal Stroke.....	3 Ft.....	914 mm
Striking Velocity @ Impact.....	13.94 FPS.....	4.25 m/sec.
Max Force @ Impact.....	17,320,500 Lb.....	7,872,955 kg
Rated Operating Pressure @ Hammer.....	120 p.s.i.....	8.44 kg/cm ²
Steam Consumption-From & @ 212° F./100° C.....	18,446 Lb./hr.....	8,385 kg/hr.
Air Consumption — (Adiabatic Compression).....	3,400 CFM.....	96.2 cu m/min.
Boiler H.P. Req'd. — ASME Rating.....	600 USHP.....	608 MHP
√EW Rating @ Energy Rating.....	69,282.....	69,282

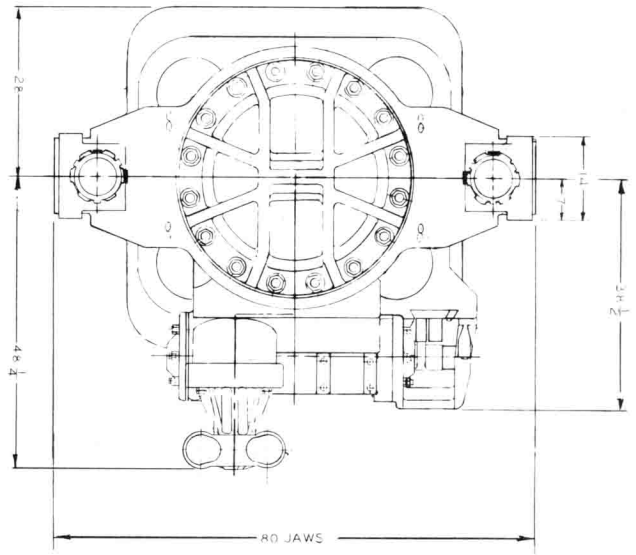
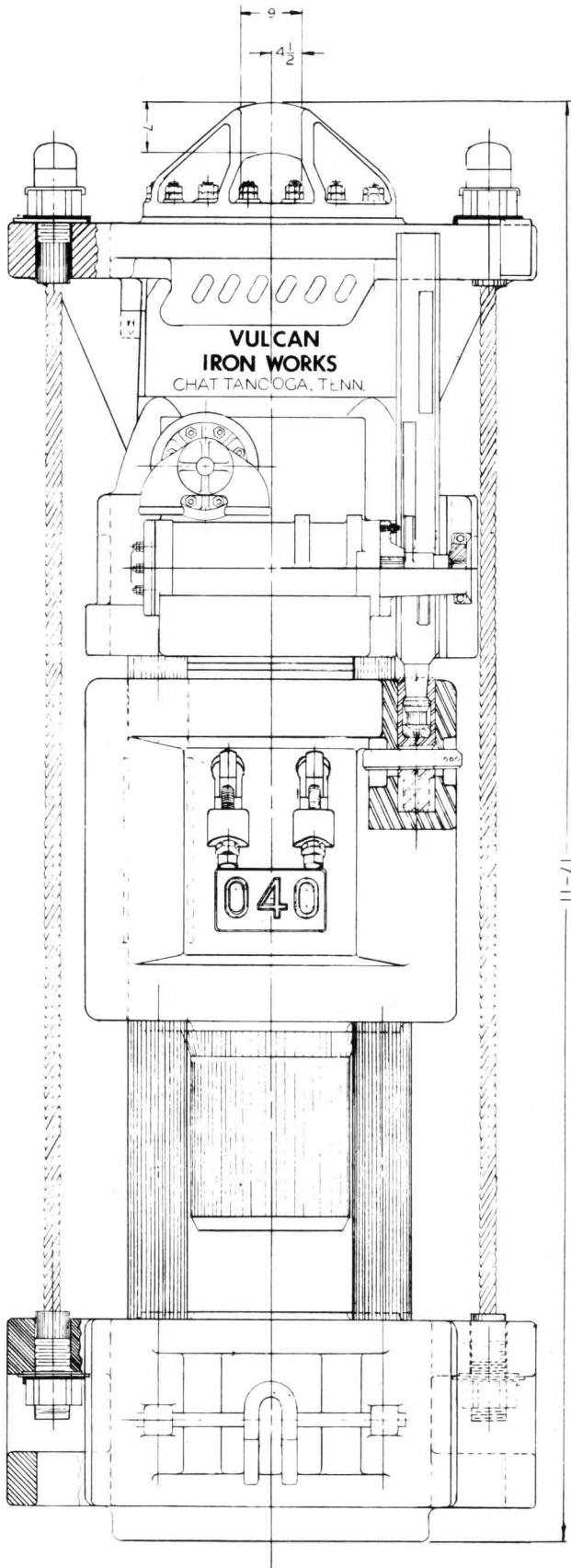
DIMENSIONAL DATA

Diameter of Piston.....	32 In.....	813 mm
Area of Piston — Net.....	740.63 Sq. In.....	4,778.27 cm ²
Length of Hammer — Overall.....	17'-11".....	5,461 mm
Distance Across Male Jaws.....	80 In.....	2,032 mm
Width of Male Jaws.....	14 In.....	356 mm
Largest Diameter of Pile*.....	72 In.....	1,829 mm
Size of Hose.....	(2) 3 In.....	(2) 75 mm

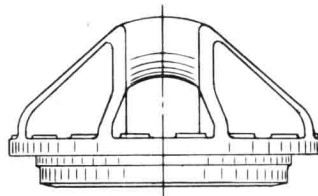
WEIGHT DATA

Weight of Striking Parts.....	40,000 Lb.....	18,182 kg
Net Weight of Hammer.....	98,180 Lb.....	44,627 kg
Shipping Weight of Hammer.....	101,000 Lb.....	45,909 kg

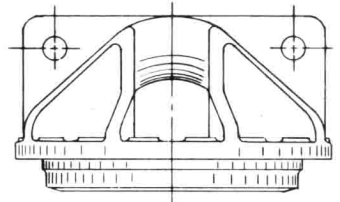
*Permitted by Standard Jaws



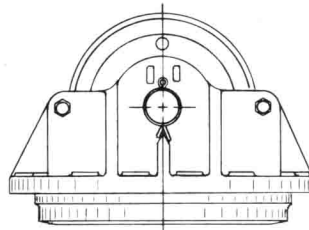
**CYLINDER HEAD
OPTIONS**



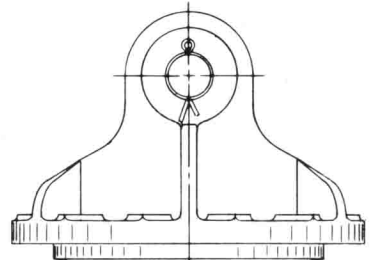
BAR TYPE



SUSPENSION TYPE



SHEAVE TYPE



SAND DRAIN TYPE