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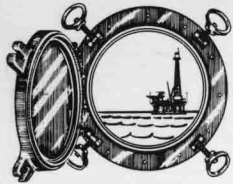
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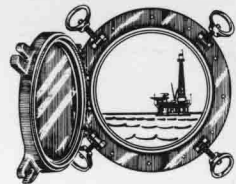
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OFFSHORE PRODUCTS DIVISION

VULCAN IRON WORKS INC.

SPECIFICATIONS



OFFSHORE CABLE TYPE PILE HAMMER

Size 020

Model No. 08F100 Spec. No. 2105

OPERATING DATA

Rated Striking Energy.....	60,000 Ft. Lb.....	8,298 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.....	8,660,250 Lb.....	3,936,477 kg
Rated Operating Pressure @ Hammer.....	120 p.s.i.....	8.44 kg/cm ²
Steam Consumption-From & @ 212° F./100° C.....	7,500 Lb./hr.....	3,402 kg/hr.
Air Consumption — (Adiabatic Compression).....	1,634 CFM.....	46.24 cu m/min.
Boiler H.P. Req'd. — ASME Rating.....	217 USHP.....	220 MHP
√EW Rating @ Energy Rating.....	34,641.....	34,641

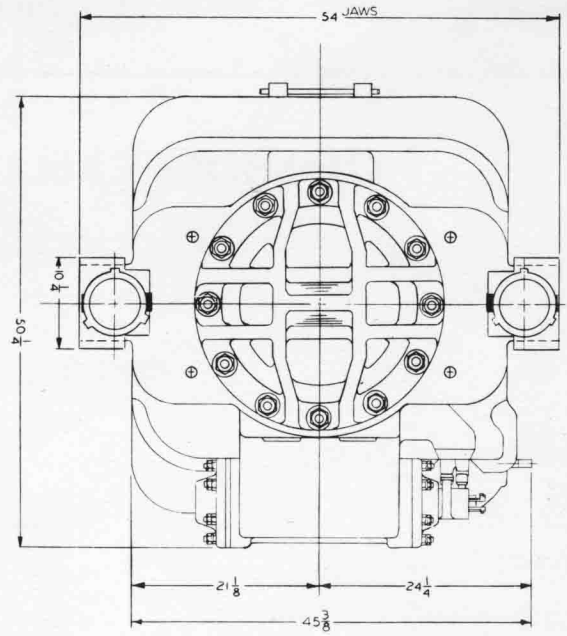
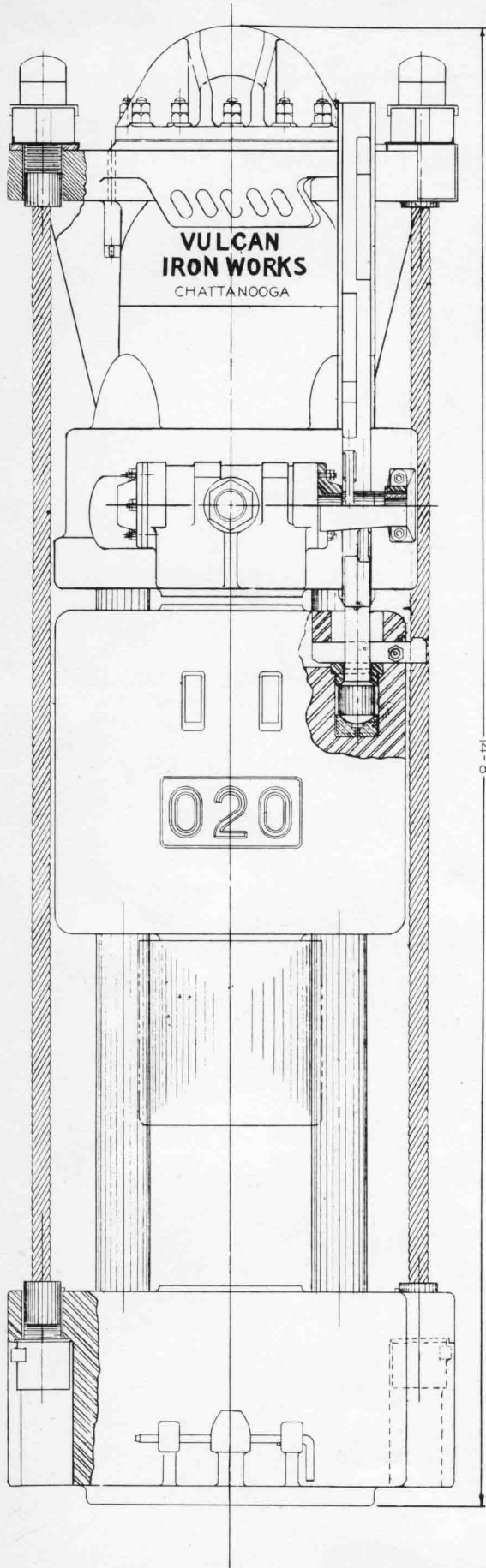
DIMENSIONAL DATA

Diameter of Piston.....	21 3/4 In.....	552 mm
Area of Piston — Net.....	335.75 Sq. In.....	2,166.18 cm ²
Length of Hammer — Overall.....	14'-8".....	4,470 mm
Distance Across Male Jaws.....	54 In.....	1,372 mm
Width of Male Jaws.....	10 1/4 In.....	260 mm
Largest Diameter of Pile*.....	48 In.....	1,219 mm
Size of Hose.....	3 In.....	75 mm

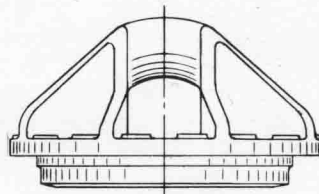
WEIGHT DATA

Weight of Striking Parts.....	20,000 Lb.....	9,091 kg
Net Weight of Hammer.....	43,785 Lb.....	19,902 kg
Shipping Weight of Hammer.....	45,000 Lb.....	20,417 kg

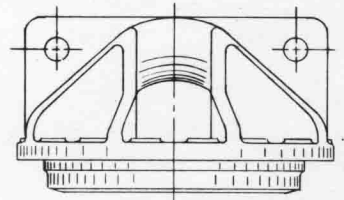
*Permitted by Standard Jaws



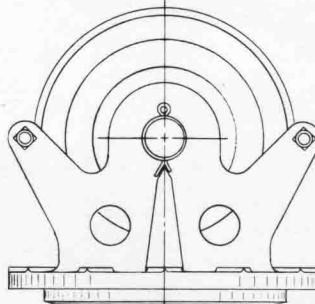
**CYLINDER HEAD
OPTIONS**



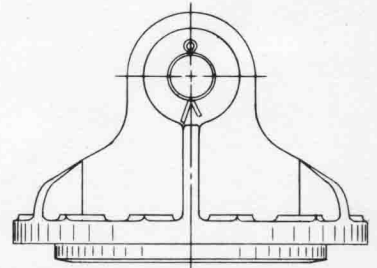
BAR TYPE



SUSPENSION TYPE



SHEAVE TYPE



SAND DRAIN TYPE