



# Modern Hydraulic LLC

## 75 ton John Shaw [Stock Number 4115 ]

Construction	Gap frame design
Main ram	20" stroke, 10"/7" diameter
Daylight	20" maximum
Upper platen	48" x 48" x 2-1/2"
Lower platen	48" x 48" x 3-1/2"

Maximum temperature of platens:  
800 degrees Celsius (1470 degrees F.)

Throat  
27" (center line of ram to frame)  
(4) clamp rams: 9" stroke; 5"/3-1/2" diameter  
(1) table traversing ram: 36" stroke, 4"/2-3/4" diameter

Maximum working pressure	2000 PSI
Maximum distance between clamp adaptors:	40"
Claim adaptor stroke	8" (4" each)
Vertical clamp adjustment	3"

Hydraulics  
5.5 KW power unit of Sperry Vickers manufacture complete with solenoid operating valves, mounted on 60 gallon supply oil tank.

Pump delivery  
35V30A vane pump, 19.7 GPM @ 250 PSI; V20-2B6B vane pump, 3.64 GPM @ 2000 PSI, driven by 5.5 KW T.E.F.V. cage metric D range Brook, Crompton motor with double shaft extension, frame size D132M @ 1000 RPM.

Electrics  
Pump motor and heaters - 440 volts, 3 phase, 50 hz.  
Controls - 110 volts, 1 phase, 50 hz.  
5.5 KW D.O.L. Square "D" starter with Santon isolator

Estimated weight of press	16,000 kg.
Estimated weight of control cabinet	300 kg.

On Location: Sheffield, England



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