

# RAM-20

20 ton 2 position ram end forming machine  
for tube and pipe from .125" - 2" diameter



## Specifications:

Tube Diameter: .125" - 2.0"

Tube Wall: .020" - .083"

Cycle Time: 8 - 15 seconds depending on end form and material type

Hydraulic Cylinders Clamp (20 ton vertical with 4" bore and 3" stroke)

Ram (20 ton horizontal with 4" bore and 3" stroke)

Tooling Shuttle Bar: 2 position ram shuttle

Dimensions: 60.0" length x 29.3" width x 91.4" height

## Standard Features:

Warranty: One year from date of purchase

Voltage: Standard (480v/60hz/3phase)

Controls: Allen Bradley micro logic 1400 PLC

Operational Screen: Maple System HMI touchscreen

Oil Tank: 30 gallons

Hydraulic Oil Cooling: Fan air cooled system

Paint Color: Proto-1 blue

Cycle Start: Finger switch

## Safety Features:

Pneumatic pressure switch

Lock-out point at the disconnect switch on electrical box

Lock-out point on filter regulator

Estop on the swing arm

Light curtains

## Optional:

UL, CUL, CSA or CE certifications can be added for additional cost

Other power options are available and can be quoted

Custom control available upon request and can be quoted

Custom designed fixtures for tubing



Closeup of die plates  
and shuttle assembly



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