

CUSTOM SAW FEEDING EQUIPMENT NO: 112

THE APPLICATION: Steel bar unloading and saw infeed

THE PRODUCT: Pneumatic Chain Transfer and Gravity Roller Conveyor

THE INDUSTRY: Forging

THE NEED: A manufacturer of metal cutting saws needed a conveyor embedded into their unloading table that could receive singulated 20 foot long x 6 inch diameter steel bars from an unbundler.

THE SOLUTION: Omni Metalcraft Corp. designed a custom saw feeding equipment solution consisting of a Chain Transfer with chain lugs and a Gravity Roller Infeed Conveyor. The Chain Transfer was designed to pneumatically pop up to create a horizontal carrying surface. The lugs would grab bars of steel and convey them to the embedded gravity roller conveyor. Once the bar reached the gravity conveyor, the end of the transfer would then tilt down to allow the bar to set onto the conveyor. The saw clamping head would automatically grab the bar and feed it to the cutting operation.

