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1,200 ton Down-and-Up-Cut Slab Shear, closed type. Frame opening 175\(\frac{4}{8}\)\(\times\)66\(\frac{1}{2}\)\". Cuts 8\" by 54\" slabs at 7 cuts per minute. Water cooling system protects top and bottom knives, anvil and gag head from intense heat. Blades are outside frame for good visibility and easy access for changing.

75 ton Up-and-Down-Cut Billet Shear. Knife opening 6\". Cuts 4\" by 4\" hot billets at 10 cuts per minute. An air clutch and brake control the triple reduction shear drive.

1,000 ton Up-and-Down-Cut Bloom Shear. Knife opening 18\(\frac{3}{4}\)\". Cuts 14\" by 18\" hot blooms at 4 to 6 cuts per minute. An air clutch and brake control the triple reduction, two-speed drive, speeds are changed by an air cylinder shift mechanism operated from the pulpit. Heavy gag minimizes shearing distortion. Shear is open sided for good visibility and easy blade access.

50 ton Down-Cut Billet Shear. Has air-operated clutch, depressing table, gauge, kick-off and cradles.

100 ton Down-Cut Hydraulic Shear. Knife opening 6\". Cuts 3\(\frac{1}{2}\)\" by 3\(\frac{1}{2}\)\" hot billets at 4 cuts per minute. A self-contained hydraulic system delivers 10 GPM at 2,000 PSI to the 11\(\frac{1}{2}\)\" dia. ram.

700 ton Up-and-Down-Cut Bloom Shear. Knife opening 14\(\frac{3}{4}\)\". Cuts 12\" by 12\" hot blooms at 3\(\frac{1}{2}\) to 17 cuts per minute. The shear is direct driven through a two-speed drive by a 250 HP D. C. Motor.

Bloom and Billet Hot Shears

designed and built by

BIRDSBORO CORPORATION

BIRDSBORO, PENNSYLVANIA

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