1,200 ton Down-and-Up-Cut Slab Shear, closed type. Frame opening 17½" by 66". 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 18½". 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 3½" by 3½" hot billets at 4 cuts per minute. A self-contained hydraulic system delivers 10 GPM at 2,000 PSI to the 11½" dia. ram.

700 ton Up-and-Down-Cut Bloom Shear. Knife opening 14½". Cuts 12" by 12" hot blooms at 3½ 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

STEEL MILL MACHINERY • HYDRAULIC PRESSES • CRUSHING MACHINERY • SPECIAL MACHINERY • ROLLS • ELECTRIC STEEL CASTINGS: Carbon, Low Alloy and STAINLESS STEEL

MIRAWAL COMPANY • CHEMICAL MACHINERY DIVISION

Iron and Steel Engineer, December, 1962
A few giant companies dominate the competitive farm machinery business. Yet, Meyer Manufacturing, a small company by comparison, survives very successfully in this business.

How?

Well, for one thing, they build machines that are not suited to large mass production. They also design and invent new machinery to sell to the farmer. But more than this, in every area of production they look for ways to save money without sacrificing quality.

When it comes to greases and cutting oils, Meyer turns to Cities Service. For reliable general lubrication they choose Amplex #3 and Trojan H-2 grease. In the selection of cutting oil, they use the famous Cities Service Chillo line for longer tool life and cleaner finished work! Chillo is another achievement of Cities Service research.

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