

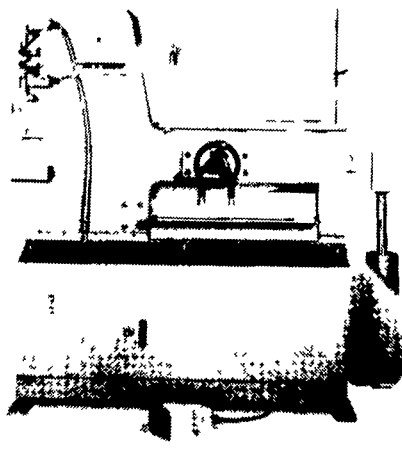
LOOK

**AT THESE EXCITING
NEW *Scotchman* HYDRAULIC
IRONWORKER MODELS!**



4014-C

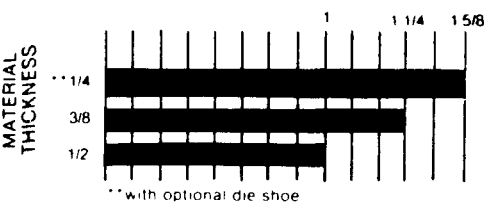
4014-T



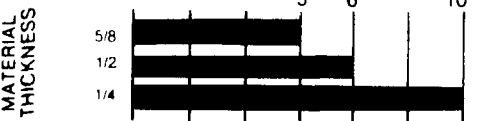
6509-24

4014-C Capacities*

Punch PUNCH DIAMETER



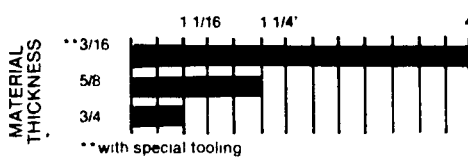
Shear MATERIAL WIDTH



*RATED ON MILD STEEL (60000 psi tensile)

6509-24 Capacities*

Punch PUNCH DIAMETER



Shear MATERIAL WIDTH

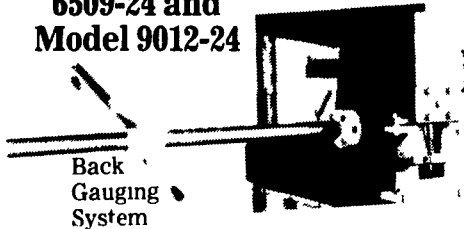


*RATED ON MILD STEEL (60,000 psi tensile)

Optional Tooling For Model 4014-C

- 8" Brake (tool table)
- Square notcher (punch station)
- Pipe notcher (punch station or tool table)
- Rod shear/channel shear combination (tool table)
- Rod shear/angle shear combination (tool table)

Optional Tooling For Model 6509-24 and Model 9012-24



**Blend ethanol
(from corn)
into gasoline,
group says**

ST LOUIS — The National Corn Growers Association has launched a campaign to actively seek public and industry support for a major increase in the production and use of regular and unleaded gasoline blended with ethanol derived from corn

The association, which consists of more than 14,000 members in 16 affiliated member state associations, has set a target of increasing the amount of corn used in ethanol production to 1 billion bushels annually by 1990.

That target, which would produce 2.5 billion gallons of ethanol, is about equal to the amount of surplus corn that has been produced annually in recent years. It also represents more than a five-fold increase in the amount of corn used in ethanol production in 1984.

The increased use and production of ethanol in gasoline offers a number of economic and environmental benefits that range from expanding the domestic corn market and creating jobs, to providing for a cleaner and healthier environment.

The association's announcement comes in the wake of a mandate issued March 4 by the Environmental Protection Agency (EPA). The mandate requires that the lead content in regular gasoline must be reduced by 90 percent, effective Jan. 1, for public health reasons.

The lead reduction will be done in two phases. In the first phase, lead must be reduced from an existing level of 1.10 grams per gallon to .50 gram per gallon, effective July 1. The second phase requires that the lead content be lowered to .10 gram per gallon, effective Jan. 1.

The rule directly affects motorists who use regular gasoline—which still accounts for about 35 percent of all gasoline sales. It also will curb illegal fuel switching in unleaded-gasoline vehicles.

Lead has been used by the petroleum industry as an inexpensive octane enhancer in gasoline. The new EPA regulation will create a demand for alternative octane boosters to replace the lead. Corn ethanol is a cost-effective, high-quality and proven octane booster.

Ethanol-blended gasoline is not new. Service stations across the country, many operated by major petroleum companies, sell it primarily as premium unleaded gasoline.

It is estimated that if the 1-billion-bushel target is reached, the value of a bushel of corn could increase by as much as 30 cents.

Increased ethanol production also means reduced oil dependence on foreign suppliers, and it keeps more U.S. dollars at home where they can be used for business investments and to create jobs.

In addition, a thriving ethanol industry will stimulate the economy across the country, and particularly in the hard-hit rural areas. In 1984 alone, ethanol production generated an estimated \$2 billion in economic activity in rural and urban communities.

The increased use of ethanol-blended gasoline also means a safer, healthier environment. Harmful tailpipe emissions are significantly reduced with gasoline blended with ethanol.

Save On These Demonstrators

Save On These Demonstrators

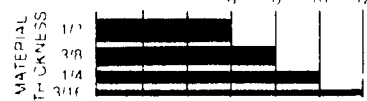
**Up To 30% Discount
10 Scotchman Demonstrator
Hydraulic Ironworkers**

314-C6 Capacities*

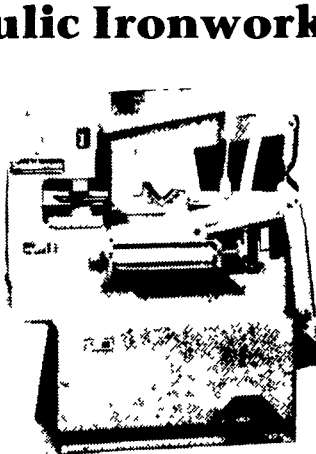
Punch PUNCH DIAMETER



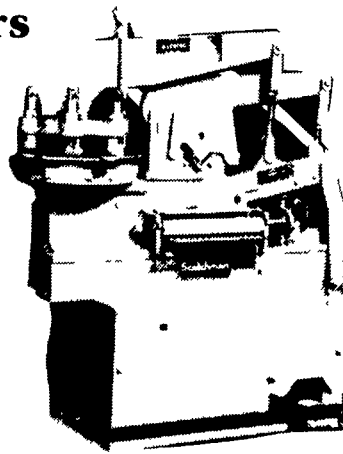
Shear MATERIAL WIDTH



*RATED ON MILD STEEL (60000 psi tensile)



314-C6



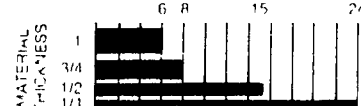
314-T

9075 Capacities*

Punch PUNCH DIAMETER



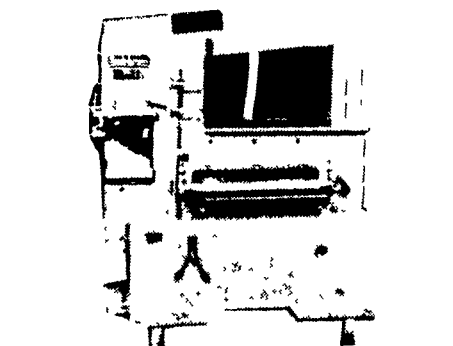
Shear MATERIAL WIDTH



*RATED ON MILD STEEL (60000 psi tensile)



9075-24

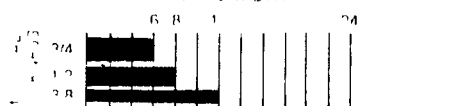


5075 Capacities* 5075-24

Punch PUNCH DIAMETER



Shear MATERIAL WIDTH



*RATED ON MILD STEEL (60000 psi tensile)

**Hurry, These Models Will
Not Last Long!**

DAVID S. KING

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