

TRUCK ADVANTAGES MANY

G. M. C. DEALER EXPLAINS BIG SAVING TO FARMER.

Economy in Time, Horse Feed, Elimination of Waste and Shrinkage, Investment Points.

Right now farmers are taking more interest in motor trucks than ever before. In the next few years many trucks will join the equipment of farms in all parts of the country.

"There is a good reason for this," says Charles G. Irwin of Wentworth & Irwin, local dealers for G. M. C. trucks. "The farmer has awakened to the fact that a motor truck will do more than carry product to and from the shipping point. A close acquaintance with the passenger automobile has shown the farmer the economical advantage of a motor vehicle and the way the farm tractor has demonstrated its utility has offered a splendid example of the gasoline engine as a motive power for work in the fields.

"So gradually it has come to the farmer that the motor truck is more than a freight-bearing automobile. He sees now that a motor truck is, in reality, a hauling unit, practically equivalent to a team of horses. Moreover, it is a better, less expensive hauling device than a team.

"Motor trucks will travel in the fields. They will gather the hay and grain and do all the other odd jobs about the farm. In addition to covering the longer distances to town and railroad in quick order and at big savings of time and money over horses. Moreover, motor trucks do not draw on the resources of the farm for food directly.

"During the last year or so prices for farm products have been such as to make a farmer begrudge the fodder for his livestock. He could better till the soil for products that could be sold and buy gasoline than to feed his team from his own land. Many farmers even bought their hay and grain and thought they were money ahead by doing it. Meanwhile they did a little more figuring and then they saw light on the motor truck.

"Chiefly the big reason why a motorized farm yields more crops and more profit is because it eliminates waste. The foodstuffs damaged during hauling by horses because of the slowness with which the teams must travel alone would feed thousands. Perishable crops must be estimated in terms of money with a waste allowance where horses are used to haul them. With one truck the speed alone will save money. And that is but a single point. In hauling hogs or cattle to market this same speed eliminated a large percentage of the shrinkage in weight that every cattleman figures on when he takes his animals to market. The truck carries them swiftly and without much if any loss.

"Then there is the saving in the farmer's own time, which in a rush of the harvest season amounts to something. The trips that took a day with horses are made in a few hours. More of them can be carried out in a given space of time because a truck needs no rest. It can be worked 24 hours a day if necessary.

"Furthermore the truck offers every advantage that the horse deprives. A truck is cheaper to keep than a team of horses in actual cost of the fuel and oil as against the cost of feed at the market price. It requires less care than a horse, although it cannot be neglected entirely if results are to be obtained."

FEDERAL BUREAUS GET CARS

War Department Distributes 10,000 Kinds to Other Services.

WASHINGTON, June 21.—The major portion of all surplus trucks and cars purchased by the army will be transferred to the various government departments. A comparatively small supply of used passenger and commercial cars of miscellaneous makes, not adapted for government use, will be sold at public auctions to be held at various military posts and camps beginning June 1.

More than 10,000 motor trucks, cars, ambulances, and motorcycles already have been transferred by the war department to other government bureaus. Deliveries have been made to the post-office department and the public health service. In all, 655 trucks have been turned over to the department of agriculture and within a few days shipments of this equipment will be made by the motor transport corps to road commissions of the states to which allotments have been made by the bureau of public roads.

As fast as the several states place the present consignments in operation the director of sales will transfer additional trucks and road-building machinery. The further needs of the department of agriculture, the postoffice department and the other government departments are expected to absorb practically the entire surplus.

CHANGES IN THE NEW FORDS

Timken Bearings in Front and Helical Timing Gears Provided.

Q. I understand that the new Fords have some changes in them. Can you tell me what they are? Also have all Fords now got a starter on them?

A. The new Fords will have Timken bearings in the front wheels and the timing gears will be helical. Only the enclosed models have the starters.

HERE'S THE NEW BUILDING OF THE KELLY TIRE SALES COMPANY.



KELLY-SPRINGFIELD TIRE HEADQUARTERS BEGINNING THIS WEEK.

J. H. Almsough of the Kelly Tire Sales company has moved into his new building in Burnside street at Tenth, opposite the Portland Motor Car company. This structure is thoroughly modern and will be one of the best-fitted-up tire shops in Portland. It is 50x100 feet in size and so arranged that the motorist can drive right into the building and have his tire changed made. Mr. Almsough has been doing a great business ever since he took on the Kelly line a few months ago and it is increasing so fast that the new building became imperative. One of its features is a hydraulic press for putting on new Kelly-Springfield caterpillar tread and other solid truck tires.

For Sale and Installed by
Sunset Electric Co.

Automobile Electric Equipment Agents

Representing

USL Batteries

ELECTRIC AUTO LITE CORPORATION

REMY ELECTRIC CO.

SPLITDORF ELECTRIC CO.

ATWATER-KENT MFG. CO.

GABRIEL SNUBBERS

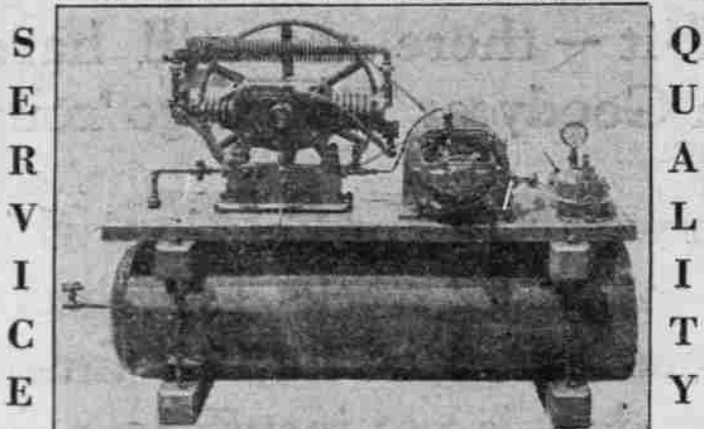
BIJUR MOTOR APPLIANCES

WALTHAM SPEEDOMETERS

SPARTAN HORNS

Eighth and Davis

Broadway 126

United States Two Stage Automatic Air UnitTHE COMPRESSOR WITH A REPUTATION
DISTINCTLY IN A CLASS BY ITSELF**EFFICIENCY**
AIR COMPRESSOR & EQUIPMENT COMPANY
EVERYTHING FOR THE AIR LINE

Exclusive Distributors of

UNITED STATES TWO-STAGE AIR COMPRESSORS

For Oregon, Washington, Nevada and Arizona

Bdwy. 3309 PORTLAND, OR. 329 Couch St.

MACK TRUCK NOT CHANGED

GOVERNMENT TAKES IT JUST AS IT IS.

Well-Known Truck Not Assembled,
But Made at Factory on Designs of Mack Engineers.

Everyone who is of the least bit technical frame of mind always is interested in the engineering principles back of the product. Engineering is one of the most important features in connection with the production of motor trucks. A truck that is not engineered properly will prove in the end to be no truck at all, says F. C. Atwell of the International Mack corporation of Portland.

"On the staff of the International Motor company, builders of Mack trucks, are the foremost truck engineers of the United States," Mr. Atwell says. "This fact was prominently emphasized when the war department undertook to standardize motor trucks for military purposes under the belief that the commercial truck was not adapted to that use. But at the same time, the war department accepted without a single change except the addition of a bumper, and they were assigned to service with the department of engineers, that branch of the army upon which depends the success of every undertaking.

"The Mack truck engineers have no affiliation of any kind with makers of passenger cars. They do not have to revamp plans and specifications originally drawn for making passenger cars in the effort to adapt them to trucks. This lack of division of interest permits them to devote all their

energies, skill and resources to the perfection of high-grade commercial vehicles. Experimental trucks always are kept at work trying to develop some betterment, but no changes in construction ever are made unless tests prove an actual improvement has been accomplished.

"Every part of a Mack truck is designed with the idea in mind of its relation to the whole. This attention to detail renders it impossible for Mack trucks to be made from a collection of units bought from different part makers and assembled into a truck."

LEXINGTON FASHION CAR

ISAAC BRUNN POINTS OUT SOME OF FINE POINTS.

Minute-Man Six Distributor Asserts
Verdict of Critics Is Hearty Indorsement of the Car.

"The Lexington reveals a further virtue for the motorist who seeks the ultimate in a medium-priced automobile—the pride of ownership," says Isaac Brunn of the Brunns Motor Car company, Lexington distributors. "The Minute-Man Six is not only the car of fashion, but a car that is mechanically pre-eminent—successfully withstanding the most rigid analysis from an engineering standpoint—and easily enduring the most exacting tests to which it can possibly be subjected.

"The verdict of the critic who inspects the efficiently functioning mechanism of the chassis is a frank, hearty indorsement of these statements. The Moore multiple exhaust system that conserves fuel by producing more horsepower out of less gasoline; the new type transmission and clutch, so car slides away like an electric; the Z-section frame that eliminates more than 100 separate parts hitherto bolted on, and that reduces weight while increasing strength; the new type emergency hand brake that can be operated with one finger, bringing the car to a quick but gentle stop—all operate as a complete service.

"In achieving this modern car of mechanical merit, we have adhered strictly to our time-honored policy of aggressively anticipating the flight of fashion in motored vehicles. All features bordering on the bizarre or eccentric have been cast determinedly aside and the finished product is striking evidence of our success in accurately foreseeing the mode of fashion of the future. Ever present, but never extreme, the style of the fashion car is accepted

MICHELIN**Tires Not High Priced**

Because of their superior quality and remarkable durability an impression exists that Michelin Casings and Michelin Ring-Shaped Tubes are high priced

To satisfy yourself that this is not so just compare these favorable prices with prices you are asked to pay for other tires of anything like equal quality

Fabric Casings		Tubes
30 x 3½	\$21.50	\$3.95
32 x 3½	24.50	4.20
31 x 4	27.90	4.50
33 x 4	34.50	5.50
34 x 4	35.75	5.70
Oversize Cord Casings		Tubes
34 x 4	51.25	5.70
34 x 4½	58.00	7.10
35 x 5	68.00	8.30

Prices on other sizes in proportion—ask your dealer

Michelin Tires Are Made In One Quality Only The Best**MICHELIN TIRES AND TUBES**

Are Sold by Good Dealers Everywhere

Michelin Tire Company—Wholesale Only

327 Oak Street

Phone Broadway 3245

Additional dealers wanted where we are not now represented.

**TALBOT AUTO SUPPLY MICHELIN TIRES**

72 Broadway

Phone Broadway 1214

almost unconsciously as an indefinable something that blends perfectly into the completed whole.

"To feel the pride of ownership—to really know the pre-eminence of the car in all things that constitute motor values—take your place at the wheel, unleash the power in consonance with the whims of your fancy—and enjoy the very ultimate in motoring delight."

DANES ARE IN TRUCK MARKET

Nearly 100 Acasons Ordered for That Section of Europe.

DETROIT, Mich., June 21.—Despite war rumors in the Scandinavian countries, they are preparing for the development of their commercial future if rush orders for trucks are any indication. The Acason Motor Truck company of this city has been besieged with orders from Norway, Sweden and Denmark.

The Acason Motor Truck company has within a short period received orders for close to one hundred trucks for this section of Europe. "And our European business has not got under way," declares H. A. Conlon, vice-president and director of sales. "The truck

business for the future looks to develop into the same condition regarding deliveries that the passenger-car business stands in today.

"Carrying out of the road-development programme has been slower than anticipated and when we get our foreign business in such shape that they will be taking as many trucks as we can possibly ship, then the domestic demand will also increase tremendously."

Valve Stem Guide Bushings.

In engines not fitted with special valve stem guide bushings excessive wear of the guide and consequently valve stem side play and oil leakage may be prevented by reaming the guide and fitting a bronze bushing. The bushing may be obtained already machined from any supply house. In fitting the valve should center on the tappet, otherwise there will be a side

thrust against the bushing and it will wear eccentrically.

Upwards of 200 motorcycle riders from Seattle and other northwest points journeyed to Chehalis last Saturday on the occasion of the annual gypsy tour for this section. Sports of all sorts were indulged in at the race track. J. P. Schantz was tour master. Read The Oregonian classified ads.

DON'T WASH

Your Car, but Have It Simonized

Portland's only authorized Simonizing Station

SIMONIZ SIMONS SERVICE

Oregon Distributors for Simons Products

A. G. PEARD

M. A. WURZWELLER

Owners—Managers

THE SIMONIZING STATION
175 21st StreetNext to Covey Motor Co.
Marshall 3982—A 7901**BUICK EXPERTS**

BUICK REPAIRS EXCLUSIVELY

32,000 sq. ft. floor space. Live or dead storage. Cheap rates.

PARTS SUPPLIES

PORTLAND BUICK REPAIR CO.

N. W. Cor. Sixteenth and Jefferson St.

Portland, Or. Main 3419

**Materials that bulk large for their weight**

are a hauling problem, as the trucks can carry less than half their weight-load capacity, Troy Trailers provide double the bulk-load capacity, thereby cutting delivery time and costs right square in half.

King's Co. Iron Foundry, Brooklyn

Troy Trailers**HODSON-FEENAUGHTY CO.**

Northwestern Distributors

309-315 E. Yamhill St. Portland, Oregon

Oldest and Largest Makers of Trailers, making possible highest grade construction at lowest cost