

Above parts and tool kit are supplied with every Chinese diesel sold.

DEMAND HIGH FOR NEW DIESEL ENGINES AND THE FIRST CHINESE TRACTOR

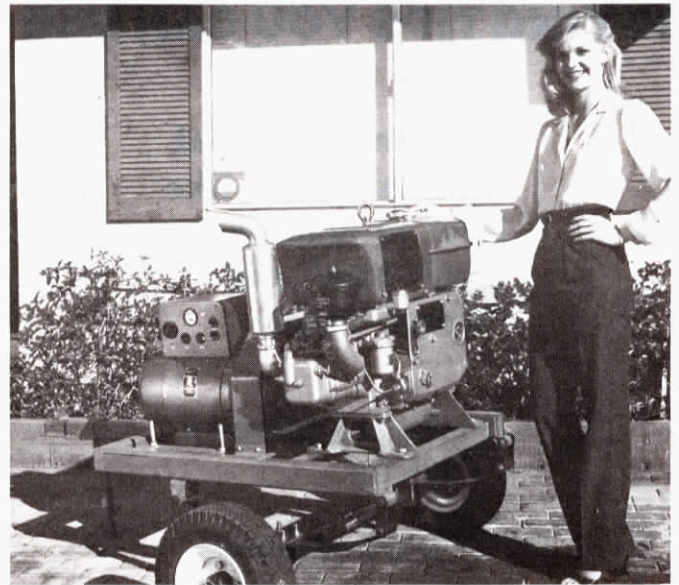
Chinese Diesels: "A Half-Price Bargain"

The first Chinese diesel engines and a utility-size tractor now being imported to the U.S. are selling at prices 30 to 75% below the competition.

"Most diesels sold in the U.S. are foreign-made but China, now under 'favored nation' trading status, has only a 4% import tax, versus a 30% tax for other countries. So far, quality of the half-price bargain engines from China has been extremely high," says Mike Waters of Affordable Diesels, a San Diego, Cal., firm marketing the Chinese engines.

Waters sells them for irrigation and other stationary engine chores, and as the power source for an electric generator. "We team the engine up with an American-made revolving field-type generator made by T & J in Oshkosh, Wis. The result is the most economical new diesel-powered generator on the market. It's even competitive in price with similar-size gasoline generators," says Waters.

A 2.5 kw generator, sells for \$1,295, about 50% the cost of other systems, according to Waters. A 7.7 kw



Manufacturer has teamed up Chinese engines with an American-made 110V generator. The engines are available separately, too, ranging from 4.4 hp to 60 hp. A 20 hp 2-cyl. model lists for \$1,995.

generator, with a 4-cyl. engine, sells for \$1,995. Sizes range up to a 6-cyl. 30 kw unit selling for \$6,495.

One of the remarkable features of the Chinese diesels is that each — including those now sold in the U.S. — comes with enough spare parts for a complete rebuilding job, and an English service manual. The reason for the extra parts is that in China there are almost no service shops. So, if you buy an engine, you fix it.

If needed, spare parts are cheap. A cylinder liner, for example, costs

about \$15 for a Chinese diesel, compared to about \$100 for other comparable size imported diesel engines," Waters points out. "There are no unusual features, and no special tools are needed to work on a Chinese diesel engine."

For more information, contact: FARM SHOW Followup, Affordable Diesels, P.O. Box 90016, San Diego, Calif., 92109 (ph 714 488-1635).

OUTLAST CONVENTIONAL SCRAPERS

Rotary Disk Scrapers For Drills, Planters

"They're selling like hotcakes for grain drills. Now, thanks to response from FARM SHOW readers, we've designed a scraper for Deere Max-Emerge planters," reports Galen Bowerman of Dawson, N. Dak., whose unique rotating disk scrapers were first featured in FARM SHOW three years ago.

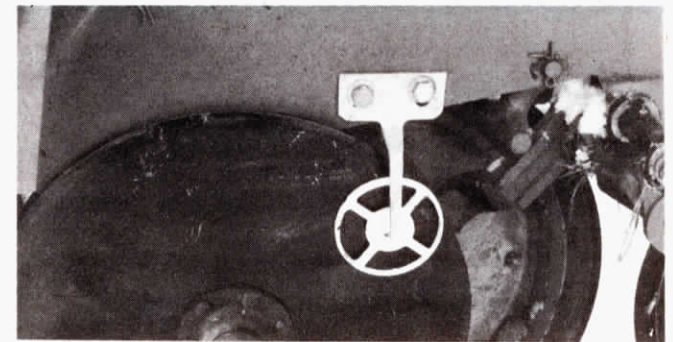
"Our scraper will outlast three to four conventional scrapers and allow you to plant in soil conditions too tough for regular scrapers to handle," Bowerman told FARM SHOW. "What's more, once you put a set of these rolling scrapers on your drill or planter, you can replace them in seconds without having to dismantle the disks — and for considerably less cost."

The soil in North Dakota's Kidder County where Bowerman farms is sandy and abrasive. "It's not uncommon to wear out one or more sets of conventional scrapers in one season," he points out. He sells many scrapers through equipment dealers who mount them as original equipment.

Bowerman has expanded production to meet booming demand for his popular new scraper. It's available for all models of Deere, International, Melroe and Kirchman double disk grain drills as well as Deere planters.

"A FARM SHOW reader in Texas suggested we expand to planters. Our Max-Emerge scraper has a single scraper wheel that bolts where Deere's own scraper would attach. They'll outlast Deere's heavy-duty optional scrapers. They don't wear a groove in the disk because they rotate. Deere actually knows as much as we do about them since they've bought a number of them."

Each scraper unit consists of a pair of 3¼-in. dia. wheels which are stamped out of steel and case hardened. Spring tension holds each scraper wheel tight enough against the disk so it turns as the disk turns. As the small scraper wheels wear thin, they can be taken out and a new set installed in a matter of minutes. Unlike the first models, the scrapers are now all one piece and don't pop apart so they can't be lost in rocky

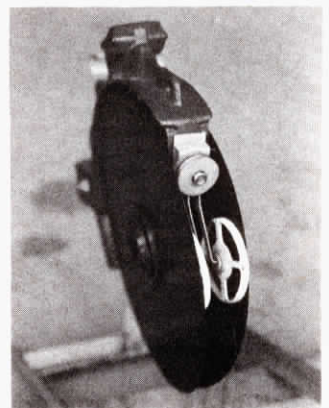


Bowerman scraper mounted on a Deere Max-Emerge planter.

ground, according to Bowerman.

Rotary scrapers for Deere and IH double disk grain drills retail for \$5.00 each, less shipping. Scrapers for Melroe and Kirchman drills are \$4.50 each. Units for Deere's 7000 and 7100 Max-Emerge are \$9.50 each. Replacement snap-on wheels are \$1.70. Delvin bearings for individual wheels are 30 cents.

For more information, contact: FARM SHOW Followup, Bowerman Industry, Dawson, N.D. 58428 (ph 327-4289).



Bowerman's standard grain drill scraper.