

"Rome" Tractors Ready To Show Their Stuff

If you're in the market for a large 4-wheel drive tractor, you may want to add the name "Rome" to your shopping list. The one-time Woods and Copeland tractor, now under new ownership and sporting a new name, stands ready to show its stuff against all comers.

Since purchasing Woods and Copeland, of Wharton, Texas, two years ago, Rome Industries has been "tooling up" to provide a line of matching tillage and land forming equipment for the company's Rome line of articulated-steering, 4-wheel drive tractors. To stress the concept of matched capabilities, Rome uses the name "Rome Group Ag System".

"We believe it's the first realistic approach to efficient use of higher horsepower, 4-wheel drive tractors," says Kent Angel, marketing director for Rome Industries, headquartered in Cedartown, Ga. "We've designed tools to match these large tractors' capabilities at their most effective speeds. That gives the farmer highest usable power at the drawbar and tools designed to do his work efficiently."

The company currently offers three Rome tractors rated at 375, 450 and 475 fly-wheel hp., respectively. An



Rome Industries has introduced 375, 450 and 475 hp 4-wheel drive Rome tractors.

Allison powershift transmission, which features a torque converter and direct lockup, is standard equipment in each tractor. If draft load increases, the transmission automatically shifts down. When engine speed and ground speed are matched, the automatic lockup provides direct drive for maximum operating efficiency. There are 12 speeds forward (seven

from 2.5 to 8.3 mph.) and 2 in reverse. Top speed is 24.8 mph.

Rome tillage tools and other implements designed to match Rome tractors are rated by operating width, as well as suggested range of drawbar pounds pull (DBPP). DBPP varies according to soil conditions, operating depth and weight added to the implement. Disk harrows are equip-

ped with shallow-concavity blades to permit high speed operation. Heavy, box-beam frames on disks, chisel plows and other implements are designed for high horsepower.

For more details, contact: FARM SHOW Followup, Rome Industries, Cedartown, Ga. 30125 (ph. 404 748-4450).

COMPLETELY SELF-CLEANING AND DOESN'T COST A BUNDLE

You'll Like This "Decked" Nursery

Slickest hog nursery we've seen lately is the double-deck Sydell System, designed and built by veteran South Dakota swine producer Delmar Lynch, of Burbank.

"The problem with most double decks is that they're not designed to fit any one particular system. You can't get at the pigs, and the decks are usually drafty and dirty. Ours is a complete system which incorporates the building, manure pit and decks into a fully integrated nursery which we think beats anything on the market for performance, price and chore work. You never have to clean the pens and one man can check and feed the 400 pigs it holds in less than 15 min. a day. Average cost last winter to heat the nursery was right at \$1.50 per day," Delmar told FARM SHOW.

He and his sons, John and Mike, have set up "Sydell Systems" as a sideline to their sizeable farming and hog-raising operation to market and manufacture specialized hog equipment which Lynch has invented.

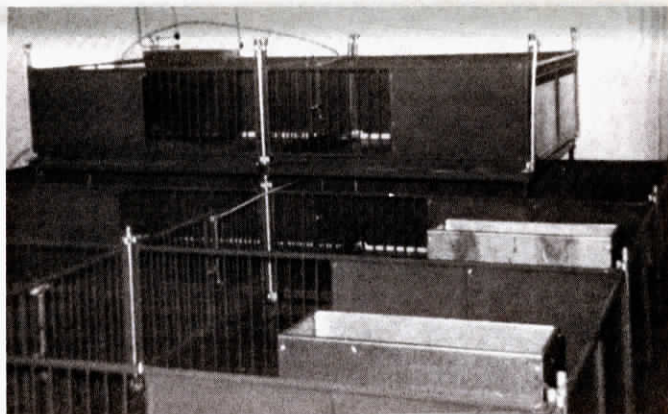
The Lynchs move pigs into the 400-head nursery at 3 weeks of age, putting them on the top deck. They're moved to the lower deck after 2

weeks, and out of the nursery at about 8 weeks of age, or 40 lbs.

Both the bottom and top decks are partially enclosed to prevent drafts, and to provide privacy between adjacent pens and alleyways. Each bottom deck is 5 by 7 ft., and the top deck is 5 by 5. "Making the top deck shorter is one of the secrets of this system," explains Delmar. "It leaves room so you can get at hogs in both the top and bottom decks. The floor of both the upper and lower decks is partially slatted (a 2 ft. wide area, made up of 3/8 by 1 in. steel slats spaced 3/8 in. apart) and the remaining area is covered with 2 by 6 in. planks spaced 3/8 in. apart. The wooden flooring serves as a draft-free loafing area, and also virtually eliminates any problems with manure "fallout" from the top deck. (Totally slatted floors also available.)

"We use galvanized 5 hole feeders in each pen. They hold 75 lbs. of feed, which we load in by hand. The feeding operation could easily be mechanized with an auger system," Delmar points out.

"When moving pigs into the nursery at 3 weeks of age, we put 20 in



Note shorter top deck which leaves room for operator to get at hogs in both the upper and lower decks, and the partially enclosed sides.

each 5 by 5 ft. top deck during the winter months, and 15 in the summer months. Before pigs are placed in top pen, they're given a bacterin shot for erysipelas. In moving them from the top to the bottom deck at 20 lbs., each pig gets an anti serum shot for erysipelas," Delmar explains.

The nursery building itself is 20 x 28 ft. with a full 4-block deep manure pit underneath. It accommodates the 20 stacked double deck nursery pens (10 on the bottom and 10 on top) and a 3 ft. wide walkway around 3 sides. Individual pens are made of 1 in. pipe and 5/16 in. vertical rods.

The basic nursery consists of the 20 stacked nursery pens (10 below and the 10 shorter pens on top). However, you could go with 4, 8 or 12 nursery pens used in combination with

farrowing crates if you want to combine the farrowing and nursery operations, Delmar points.

Cost of the nursery decks, purchased separately, is \$398 ea. for bottom decks, and \$292 ea. for the top decks. Cost of a complete 400 head nursery, including a fully insulated building with four-block deep manure pit underneath, and 20 nursery pens, complete with heat and wiring, is right at \$17,140, or \$44 per pig. Or, you can buy the nursery pens and other equipment and have your own contractor build the building, using the Sydell-designed blueprint.

For more details, contact: FARM SHOW Followup, Sydell Systems, Delmar Lynch, President, Box 89, Burbank, S. Dak. 57010 (ph 605 624-4538).