



New compact utility diesel tractors introduced by John Deere include the 650, at left, and the larger 750.

Deere introduces utility tractors

MOLINE, IL — The 1981 John Deere line of compact utility tractors includes two new models, the 14.5-PTO-hp 650 and the 18-PTO-hp 750. Powered by diesel engines, both feature a sliding-gear transmission with eight forward and two reverse speeds. Mechanical front-wheel drive and power steering are optional.

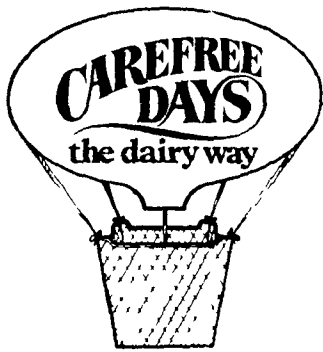
The new 650 has an 11.3-inch ground clearance, enabling it to ride over curbs when used in grounds maintenance work. The front wheel tread is fixed at 32.7 inches, but the rear wheels can be set in two positions — either 31.5 or 35.4 inches apart.

The 650 delivers 14.5 hp at the PTO from a 2-cylinder, water-cooled 52.1-cu.-in. diesel engine. The standard 540-rpm rear PTO with overrunning clutch is driven from the transmission. Forward speeds run from a creeper gear of 0.7 mph to a top transport speed of 10.3 mph. Reverse speeds are 0.7 and 3.1 mph.

The 750 Tractor provides a ground clearance of 15 inches, making it useful in

commercial gardening applications. The fixed-tread oscillating front axle places the wheels at 35.4 inches. The rear tread can be increased from 35.4 to 39.4 inches.

The 750 is powered by a 3-cylinder, water-cooled, 78.2-cu.-in. diesel engine. It delivers 18 hp at the PTO. The standard 540-rpm rear PTO with overrunning clutch is transmission driven. Travel speeds range from 0.8 mph in first gear to 11.4 mph in eighth gear. Reverse speeds are 0.9 and 3.9 mph.



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Planning kit helps prevent feedlot mistakes

PLAINFIELD, IL — A new Herdbuilder FEEDLOT DESIGN & PLANNING KIT is now available at no obligation from Railoc.

The kit includes a scaled grid sheet and punch-outs of various size farmstead structures to let you test your planning ideas on the kitchen table and not in your feedlot. There's also enough tips, hints and solid research data to help you steer clear of most feedlot planning

errors.

Topics covered include living and working zones, soil structure, drainage, waste management, feedlot runoff, driveways, feed system distribution and design, and silo capacity. It also deals with prevailing winds and solar exposures.

Railoc manufacturers silage storage and feeding systems including Herdbuilder silo roofs, hardware, unloaders, augers and

feeders.

For your copy of the kit,

contact Railoc Company, Inc., Plainfield, IL 60544.



Big bale handler for pickup

GALENA, Ks. — A big bale handler that fits any pickup truck is now being produced by Wadler Manufacturing Co., of Galena, Kansas.

The rig mounts in all truck beds and is outfitted with a portable, 12-volt winch that has a 300-pound capacity. A bale can be speared, lifted, moved and removed by remote control from the truck's cab.

The pickup bale handler is

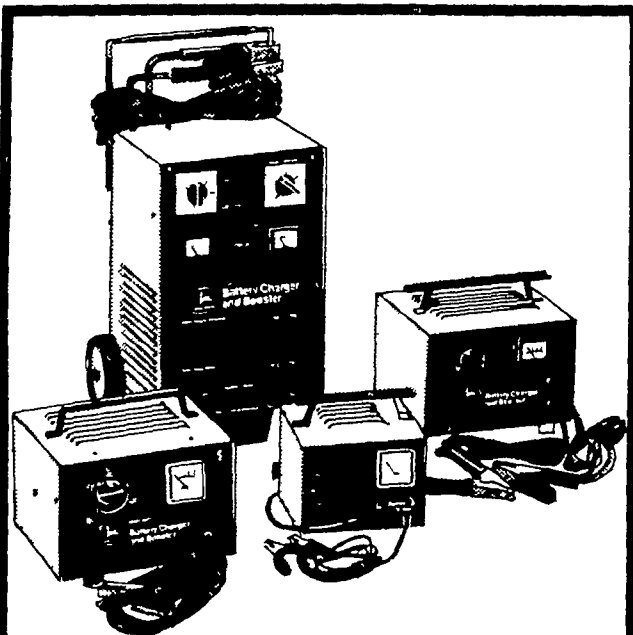
designed for fast assembly and removal. Either job can be done in seconds. The side rails, bale spear and rear frame are secured with quick hitch pins and an instant-coupling hitch.

The bale spear also can be used on a three-point hitch. The entire unit weighs 219 pounds and is load rated at 2000 pounds. The portable winch comes equipped with a 50-foot cable and a snatch block for double cable hook-ups.

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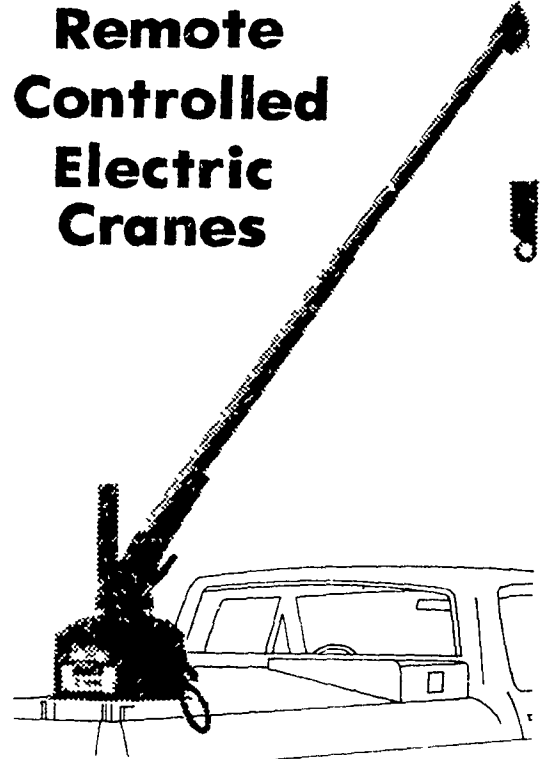
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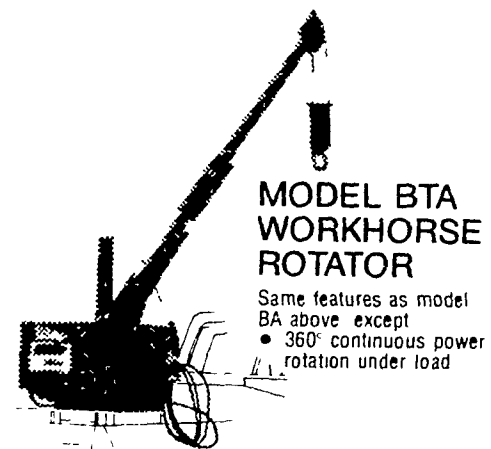
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