

# Deere Mulch Tiller Has Features For Conservation Tillage

MOLINE, Ill. — John Deere has introduced the 714 mulch tiller, which replaces the 710 and 712 models but retains several features of the earlier models, including the same frame types and sizes (6 foot 3 inch to 21 foot 3 inch).

Penetration in hard or heavy ground conditions is improved by using solid steel in the rear main-frame member, which places additional machine weight over the coulters and shanks. Tractor

weights, for improved penetration in heavy soil conditions, may be added — up to 600 pounds on the 2-bar frame and 1200 pounds on the 3-bar frame. Frames, with 4"x4" cross members and 2"x4" side members, feature one-piece welded construction.

The hitch is constructed of 2"x5" steel tubing and features a turnbuckle adjustment for in-field leveling. Three-bar models feature

a level lift linkage, enabling the mulch tiller to remain level in transport and field positions.

Coulters are base equipment for all models. Coulters blade spacing has been increased from 7½ inches to 9 inches to reduce the chance of plugging. Gangs may be adjusted, up or down, within a 5½ inch range. Two-bar models have manual coulters depth adjustment. Three-bar models feature hydraulic coulters depth adjustment, which is adjustable from the tractor seat and is in base equipment.

Disk gangs are available as an option for the 6 foot 3 inch and 8 foot 9 inch two-bar models and the

11 foot 3 inch, 13 foot 9 inch and 16 foot 3 inch three-bar models. Disk gangs have 9-inch blade spacing and manual depth adjustment.

Spring reset standards and Tru-Depth standards are optional. Rigid standards, designed for lighter soils and no obstructions, are in base equipment. Spring reset standards, for heavier soils with rocks or other obstructions, feature 650-pound trip force and 10-inch trip height. Tru-Depth standards, edge-bent for maximum strength in heavy duty draft conditions, have a 1,250-pound trip force and 11-inch trip height.

Three-bar machines feature single-point depth control in base equipment. Depth is adjusted from one location at the front of the machine. This eliminates the use of mechanical or donut type depth control stops which may be lost or broken.

A new tandem wheel option for the main frame is available for 11 foot 3 inch, 13 foot 9 inch, and 16 foot 3 inch, 3-bar machines for improved flotation and load carrying capacity. Each leg of the rockshaft has been redesigned to be narrower than previous rockshafts, allowing additional residue clearance.

## Myers Joins Sire Power Staff

TUNKHANNOCK (Wyoming) — Boyd G. Myers, Trucksville, Pa., has recently joined Sire Power, Inc., as data processing manager according to DuWayne A. Kutz, Sire Power general manager.

In this staff position, Boyd is responsible for all administrative and technical data processing activities, as well as the supervision of personnel within the Data Processing Department. He will evaluate user needs, develop project applications from each department head, and then recommend project priority to the general manager. Boyd also will implement departmental updates.

Boyd monitors all programming and testing to assure the accuracy and efficiency of Sire Power's IBM System 38, which became fully operational in early 1988. In addition, he oversees backup procedures to guarantee the system's protection and keeps abreast of the latest technological development

in the computer world in order to provide the most current and cost effective system for Sire Power.

Prior to joining Sire Power, Boyd was director of data processing at Mercy Hospital of Wilkes-Barre, Pa. At Mercy Hospital, he was responsible for designing the data processing facility and installing the IBM System 38, which included development and installation of its clinical applications, as well as the training of the computer system users. He had also been previously employed by NCR as both a Lead Analyst and Regional Analyst.

Boyd has completed the data processing training course at Wilkes-Barre Business College. He has enhanced his practical experience by attending numerous advanced programming schools and a leadership training course.

Boyd and his family will continue to reside in Trucksville, Pa.



This mulch tiller is designed for penetration in hard or heavy ground conditions by using solid steel in the rear main frame member. Coulters blade spacing has been increased from 7½ inches to 9 inches to reduce the chance of plugging.

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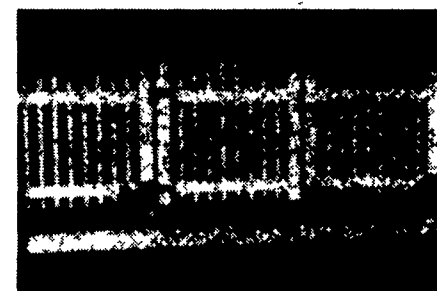
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