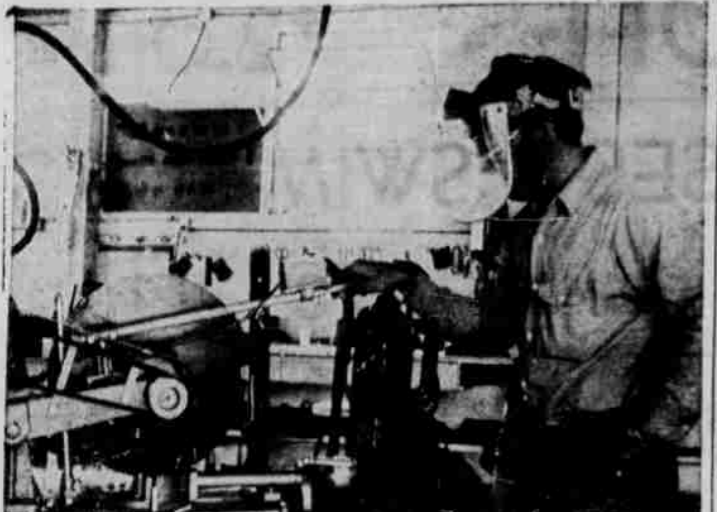




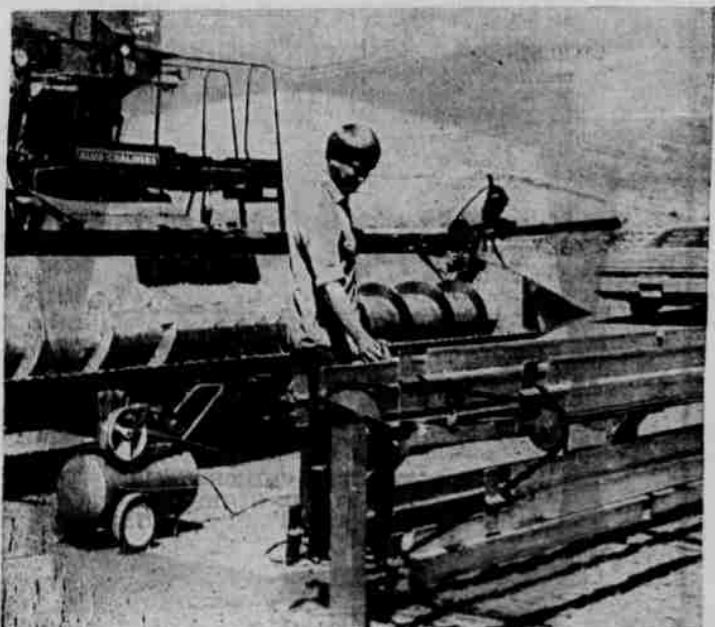
BILL WEATHERFORD sets up a "spider" for welding to a control panel.



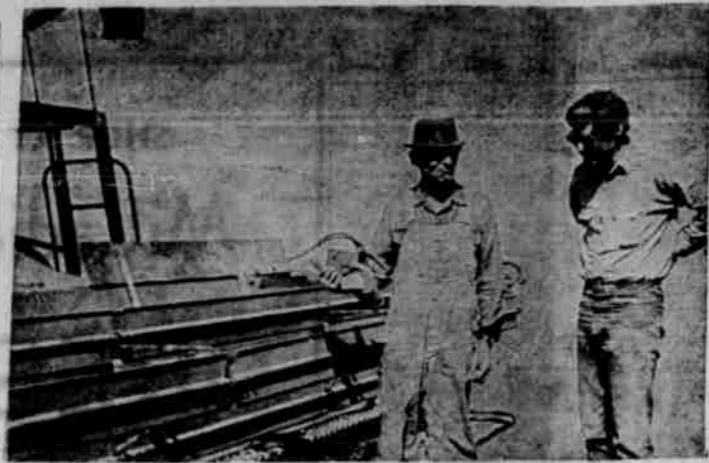
JIM SWANSON does a fast saw through quarter inch steel in seconds that a hack saw would take 10 minutes to do.



RICHARD HAMLETT operates the drill press. He's drilling holes in the chain tightener.



NEAL CHRISTOPHERSON applies a coat of paint to the reel that will be fastened to the combine just behind him.



IN THE FIELD and ready to go. Roy W. Lindstrom and Jim talk over pre-harvest problems.

Swanson Reel Project Generates Enthusiasm

Reels have come and reels have gone and this 1971 saw the newest and the best, a Swanson Reel, the idea of Gar Swanson, Ione. Like all the other reels it fastens to the front of the combine on reel arms. Five horizontal slats rotate to push the grain against the sickle bar. Rotating on a triangular pattern, the bats push the grain to the auger which pulls the grain underneath and moves it to the center of the combine into the cylinder and the threshing process. The secret of this reel is the triangular pattern as opposed to the usual circular patterns. The main object of reels is to get the grain into the combine without loss. The bats or slats travel on four separate chains and are controlled and maintained in a vertical position by another chain operating on an eccentric. The reel turns at ground speed.

"Necessity is truly the mother of invention". In trying to save his own grain, Gar came up with this idea. He needed someone to help him who had time, experience and interest. He found that someone in Bill Weatherford.

Bill has a welding experience of many years. He got his first taste of welding while in high school in Wisconsin. He took additional training from Lincoln Welding. His natural knack plus his training kept him in his chosen field for a span of a score or more years. He worked all over Alaska for Puget Sound Bridge and Dredge Co.

It was welding that bought him a ranch. He was reared on the wheat ranch country of Gilliam County. His dad had one requirement of his sons that they learn how to drive a six-horse hitch before they got to drive a tractor. Bill says the best part of the good old horse and buggy days and the days of the kerosene lamp is that "they're gone!"

Fabricating
When the steel is cut on the electric fast cutting saw, the plant looks like the 4th of July with the sparks flying. The "spider" parts are assembled on a jig. There are four "spiders" on a reel, one welded to a control panel which is cut from one-quarter inch flat steel with a traveling torch.

The "spiders" are a vital part of the reel. The "spiders" hold the sprockets that carry the chain that moves the slats.

When the parts have all been cut out and welded, then the assembling starts.

Jim Swanson, Neal Christopherson and Rick Hamlett can assemble two in a day. A paint job, then they are ready to be loaded on a special built trailer for delivery.

Two were delivered in Washington early in the season, two to Gilliam County, two to Pendleton, two in Morrow County and there's more on order.

Jim is a junior next year in Farm Crops at Oregon State. Neal Christopherson is entering Oregon State in Animal Husbandry and Richard Hamlett will be a senior at Ione High School.

Gar Swanson
Gar is Morrow County oriented having lived here most of his life. He bought grain, built and operated the Ione elevator, had an implement business, had the Standard Oil agency and now has a wheat ranch. In saving his own wheat he is helping others. He is satisfied with the principle of his reel. The reel is being field tested this season. They are working to perfect the mechanics and work out the bugs. They are gathering data for changes for next year. Their patent is pending.

TYPEWRITER RIBBONS for most makes on sale at The Gazette-Times—98¢ each.

Nancy Doherty Honored With Shower

LEXINGTON—A Bridal Shower honoring Miss Nancy Doherty, daughter of Mr. and Mrs. B. J. Doherty and bride elect of Steve Pettyjohn, was held Friday night at the IOOF Hall in Lexington. The room was decorated in the brides colors with bows, of rainbow colors, adorning the table cloth and white daisy bouquets. White wedding bells decorated a pink cake which was adorned with letters of congratulations. A crystal punch bowl was used for serving and a silver service which was an heirloom belonging to Eileen Padberg. Pouring was Mrs. B. J. Doherty, mother of the bride elect; Mrs. Pettyjohn, mother of the groom-to-be, served punch; cake was served by Mrs. Dorris Graves, grandmother of Steve. Hostesses for the evening were Mrs. Bob Davidson, Mrs. Elden Padberg, Mrs. Wm. J. VanWinkle and Mrs. C. C. Jones.

and children of Gresham visited Mrs. Wright's parents, Mr. and Mrs. A. F. Majeske, last week. The Wrights took their son Chris home with them after Chris had spent a week visiting with his grandparents.

Charlene Jones, Kimberlee Larson, Dale Whitney of Portland and Vicky Irvin of Hood River spent the weekend at the C. C. Jones ranch.

Dana Ruhl returned to Roseburg after visiting her grandparents, Mr. and Mrs. Clint McQuarrie and Mr. and Mrs. L. E. Ruhl. The grandmothers took Dana to Pendleton to meet a plane which returned her to Portland. Dana was met in Portland by her parents, Mr. and Mrs. Dick Ruhl.

Mr. and Mrs. Morris McCarl and family returned from Willsville, Mo. During their trip the McCarls visited Osceola, Iowa, where they attended a family reunion. They then traveled to Ellwood, Ill., for a week visit. On their return trip they visited the Black Hills and Yellowstone Park. The McCarls were accompanied by Mr. McCarl's mother, Mrs. Audrey McCarl of Harrisburg, Ore. Mrs. McCarl returned to her home Wednesday, her daughter Mrs. Scott McMillan and sons returned with her.

Mrs. Joe Yocom and Mrs. John Edwards visited Mrs. Yocom's sister, Mrs. Forrest Rinehart in Ukiah on Monday. A daughter Millie returned to Lexington after a week's vacation in Ukiah.

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