

Second-generation axial-flow combines unveiled by Case

RACINE, WI — This fall Case International will begin rolling out a second generation of Axial-Flow combines, a revolutionary rotary design first introduced in 1977. The new 1600 Series machines offer higher horsepower, increased elevator capacity, a new feeder and header reverser, and numerous other features designed to enhance productivity and operator convenience.

A new 1000 Series of grain headers and corn heads will also be launched. A totally new design, these headers provide increased capacity and cutting speeds to match the larger combines.

The 1600 Series includes four self-propelled units: Models 1620, 1640, 1660 and 1680. The 1620, 1660 and 1680 are also available in rice models. The 1600 series is complemented by the current production pull-type Model 1482 and the hillside Model 1470. The competitively priced Axial-Flow combines deliver high efficiency and productivity.

Increased engine horsepower, larger grain elevators and increased concave area on the Models 1640, 1660 and 1680 enhance productivity and capacity.

moisture crops such as early corn, green maize and rice. A new grain tank delivery system on 1660 rice and all 1680 models increases machine capacity and improves grain flow.

A new specialty rotor for rice and edible beans, available on all models, provides more uniform material flow, more complete threshing and increased capacity. The rotor can also be used in crops which are compatible with rice and edible beans.

Increased Operator Convenience

The 1600 Series combines feature a new electric feeder and header reverser. When used in conjunction with the new auger lift reel on the 1000 Series headers, the reverser allows most feeder/header plugging to be cleared from the operator's seat. When the reel is raised to its maximum height, the auger automatically begins to rise, increasing the clearance. The operator can then activate the reverser mechanism and clear slugs in the feeder or header. Hydraulic reel fore-and-aft control allows on-the-go reel adjustment.

Improved brakes reduce pedal

Grain Tank Capacity (bushels)

Model	Horsepower
1620	124
1640	150
1660	180
1680	225

effort 25 to 40 percent from earlier models. An upgraded cab features a repositioned air inlet filter, new large convex rectangular mirrors and a new unloader swing system for improved unloading visibility. New shaft speed and grain scan

monitors enhance operator convenience.

New mechanical suspension seats, with fore-and-aft, vertical and seat-tilt adjustments, are standard. An optional air suspension seat is available.

A backlighted right-hand console and headliner and six rectangular halogen lights including a flood lamp provide better visibility for night operation.

Axial-Flow Advantages

In comparison to conventional cylinder and straw walker systems, the Axial-Flow combine provides greater grain retention, less grain damage, faster harvesting and easier servicing. The multiple threshing and separating action of the Axial-Flow, combined with centrifugal force, recovers a higher percentage of grain and eliminates straw walkers. Multiple passes over the threshing area provide more gentle threshing action with less crop damage.

Large rotors keep grain flowing quickly through the cage. Hydrostatic drive allows the operator to accurately select maximum operating speeds for all field and crop conditions. The streamlined design of the Axial-Flow combines means fewer parts to service, thus reducing downtime. Components are easily accessible to minimize daily service time.

1000 Series Grain Headers

The new grain header line includes the Model 1010 rigid headers, Model 1015 windrow pickup headers and Model 1020 flexible cutterbar headers.

The entire line features a new, larger 23.6-inch (600mm) diameter floating auger that substantially increases header capacity. A new

auger lift reel allows auger unplugging from the operator's seat. The manual fore-and-aft reel adjustment has been simplified using a crank mechanism. An optional hydraulic reel mechanism allows on-the-go reel adjustment.

A new, stronger 1.5-inch knife system improves cutting and reduces header losses, especially in soybeans and rice.

The flexible header Model 1020 features a new cutterbar height sensing system, lightweight flotation mechanism and simplified adjustments. The Case International line now includes the industry's largest flexible header. Six sizes offered ranging up to 30 feet in length.

Specially designed for use in windrows, the new 1015 pickup headers provide improved material flow from pickup to auger. A wider 154-inch pickup improves overall performance, especially in double swathed windrows

For self-propelled combines, six sizes of rigid headers up to 30 feet in length and two sizes of pickup headers, 11 and 13 feet in length, are available.

1000 Series Corn Heads

The durable, lightweight design of the 1000 Series corn heads provides high quality, fuel efficient performance. Low-profile gathering units work close to the ground, for maximum effectiveness when stalks are down or tangled.

Deeper ear pockets and a slow speed auger that prevents kick-out are among the yield-saving features of the corn heads. A tall corn attachment is now standard equipment.

Attaching and detaching the corn heads has been made easier with the new quick connect header shaft drive.

The 1000 Series corn head line consists of seven sizes ranging from 4-row narrow to 8-row wide.

Hog Slat upgrades penning products

NEWTON GROVE, NC — Hog Slat, Inc., a major manufacturer of quality hog producing equipment, offers a complete line of economical hog penning equipment for producers no matter the size of their operation.

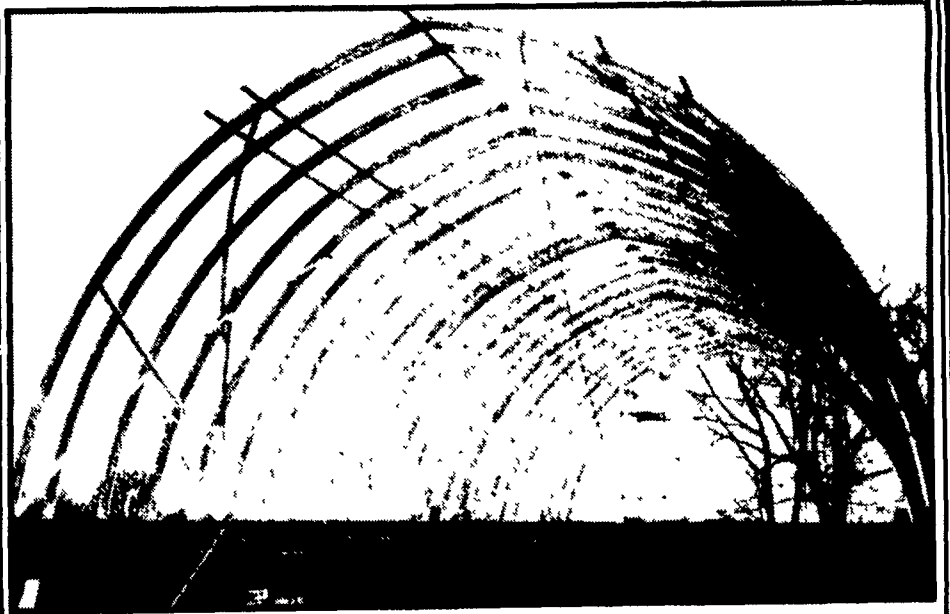
All pens are made with 1/4-by-1 1/2-inch angle tops with 1/2 inch solid rods spaced appropriately to prevent pig injuries. In addition, the bottom rail has been upgraded

from angle iron to a 3/4 inch solid rod for longer life without an increase in unit price.

Hog Slat provides these penning units for nearly every conceivable need—from grower penning to sow nursery penning, to cage, finish and gestation feed stall penning. All have been designed with extra strength to increase the life of the equipment at the same time that they cut the producer's costs.



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