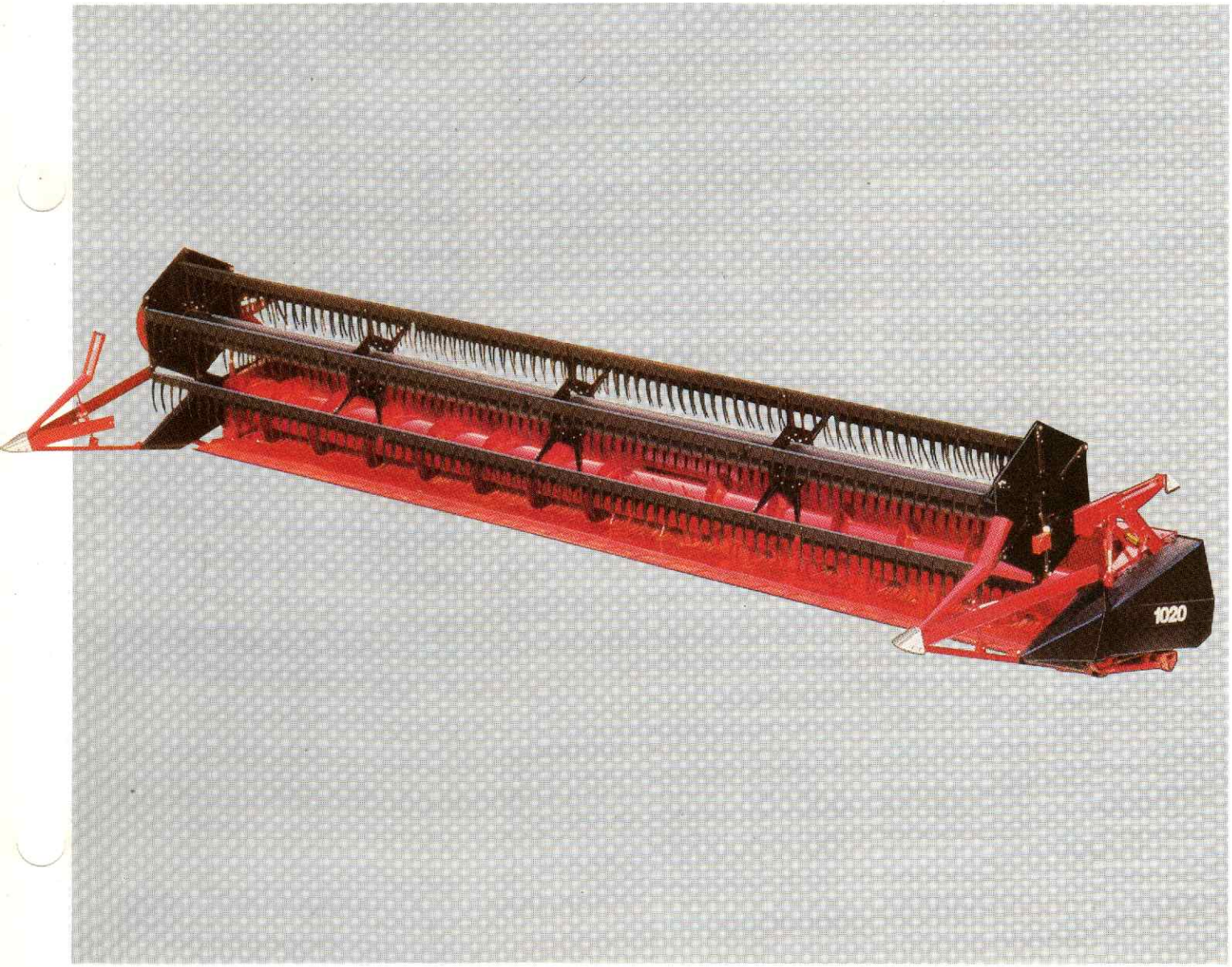
MODEL 1020

# Flexible Cutterbar Headers

Reduces field loss

Simplified service saves time

Fast header change system



# FLEXIBLE CUTTERBAR HEADERS

The Case International 1020 flexible cutterbar header can reduce soybean harvesting losses to approximately 3% compared to the 8-10% loss common with a rigid cutterbar header, or the 5% loss estimated with add-on flexible headers. Simple arithmetic proves the point: there's more money in your soybean harvest with a 1020 flexible cutterbar *and* a Case International Axial-Flow.

### CROP SAVING CUTTERBAR

The 1020 header cutterbar has a six-inch, flex-range that keeps it close to the ground across the full width. This cutterbar is so flexible, it can be down on one end, full flexed in the middle, down on the other end. The standard 1½ inch knife system with spring-loaded drive provides fast ( up to 500 cycles per minute), close, clean cutting with less crop loss.

The 1020 flexible cutterbar header can maintain an average cutting height as low as 1 inch. With the header getting more of low-hanging crops, yields go up, bushel by bushel.

### ADVANCED DESIGN MEETS SOYBEAN CONDITIONS

Automatic header height control with improved linkage is standard equipment. It lets the header work close to the ground at a pre-determined height, without the need for constant operator attention.

Wing dividers move up and down as the cutterbar follows ground surfaces. Easy to see at night, divider tips are adjustable to minimize clearance with reel and prevent wrapping. Because skid shoes run full width, this header is completely non-row sensitive – works any row spacing, even drill-planted soybeans.

A center flotation spring prevents cutterbar sag. Although primarily designed for soybeans, the 1020 flexible cutterbar header can be locked rigid for harvesting small grain. Total lube points have been reduced from 50 on the previous models to just 14 on the 1020. Daily lubrication, as a result, has been reduced from 33 points to only 3 points. Special quick-attach design with twin U-joint telescoping drive shaft provides for quick, easy header-combine hookup. Hydraulic hookups are also easier thanks to ISO couplers that couple and uncouple under pressure. Hydraulic lines are located inside the tubular frame member for protection.

### EASY RUNNER ADJUSTMENT

There are three primary adjustments on the 1020 flexible header compared with eight on the previous model. (1) Cutterbar counterbalance spring tension is easily wrench-adjusted at the rear of the header. Less tension makes the front end heavier, more tension decreases down pressure. Spring tension adjustment for varying conditions is quick and easy. (2) Adjustment for knife wear is accomplished by loosening hold down clips and removing shims. (3) To set the cutterbar in a raised, non-floating position for harvesting small grains and rice, lock-out straps supplied must be fastened to the runners. Again, it's easy – just two bolts per strap.

### SMOOTH AUGER DELIVERY

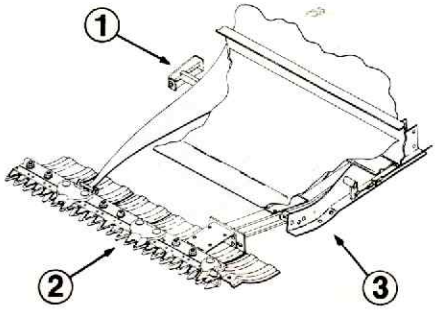
The 23.6 inch auger (600 mm) assures a positive flow of crop to the feeder. Spring-loaded drive, deep flighting and the floating auger design minimize plugging. Disappearing breakaway fingers feed the crop smoothly and prevent damage to the auger should an obstruction be picked up. Four auger speeds are available. Remote control lets the operator raise auger to clear plugs as they develop. This feature, together with the reversible feeder house on the 1600 Series Axial-Flows, provides a unique and functional operating advantage. It all adds up to greater owner convenience.

### TOTAL REEL CONTROL

Hydraulic reel lift and variable-speed hydraulic reel drive let you match reel operation to ground speed and crop conditions. Reel pitch is infinitely variable to reduce shattering. Standard fore-and-aft reel adjustment can be accomplished without wrenches. Optional Hydraulic Reel Fore and Aft Adjustment is controlled from the cab. Automatic reel speed to ground speed control is an optional attachment. A constant reel speed ratio can be set and the reel speed will automatically adjust to ground speed.

### PICKUP REEL

A 6-bat plastic tine pickup reel is standard equipment on all 1020 headers. An optional 6-bat steel tine pickup reel is available. Curved reel arms on the pickup reel eliminate vertical adjustment when fore-and-aft reel adjustments are made. Curved reel arms provide an important advantage in aiding smooth crop flow to the auger. Reel end guards are standard.




### SPECIFICATIONS:

| Header Size | Total Runners | Springs |
|---|---|---|
| 15′ (4.57 m) | 5 | 4 |
| 17.5′ (5.33 m) | 7 | 4 |
| 20′ (6.10 m) | 7 | 5 |
| 22.5′ (6.86 m) | 9 | 6 |
| 25′ (7.62 m) | 9 | 7 |
| 30′ (9.14 m) | 11 | 8 |
| 22.5′ (6.86 m) | not for 1420, 1620 | |
| 25′ (7.62 m) | for 1460,1660, 1480, 1680 only | |
| 30′ (9.14 m) | for 1680, 1480 only | |

Standard equipment includes: Anti reel-wrap divider points.

Optional equipment: Auger flight extensions, and spare knife.

| **Reel** | **Pickup** |
|---|---|
| Number of bats | 6 (plastic-tined) |
| Speed, rpm | 0-50 |
| Diameter | 42″ (1.07 m) |
| **Knife** | 1½″ (38 mm) std/3″ (76 mm) opt |
| Stroke | 3″ (76 mm) |
| Cuts per stroke | 4, std/1, opt |
| Speed, cycles/ min | 500, std; 600, opt/parts |
| **Auger** | |
| Diameter | 23.6″ (600 mm) |
| Pitch | 23.6″ (600 mm) |
| Flight height | 4.7″ (120 mm) |
| Retractable fingers, breakaway (18) | 0.62″ (16 mm) dia |
| Speed | 150 std, 170, 190 & 210 rpm opt |

**Attention Australian Readers.** Local availability, standard specifications and options may vary from those listed or illustrated in this North American publication. Your local Case branch or dealer will gladly advise concerning Australian availability and recommended specifications.

**J I Case (Australia) Pty. Ltd**
(Incorporated in New South Wales)
A Tenneco Company
Windsor Road, Northmead, N.S.W. 2152
Telephone (02) 683 1666, Telex 21110

Form No. AU-60057A

Printed in U.S.A.