

2nd Edition

CASE[®]
COMBINES

960

10 / 13 / 14-Foot Self-Propelled / 2 and 3-Row Corn Heads







In a **CASE** 960
you get **SUPER**
CAPACITY

Whatever crop you harvest, you'll get bigger capacity and cleaner grain for *less money* with the new Case 960.

Most medium-priced combines offer 30-inch-wide threshing-separating. Not the Case 960. The "Big Producer" 960 gives you 40-inch-wide combining all the way through . . . with 5080 square inches of separating area to deliver super-clean grain from heaviest yields, toughest crops.

Here's what your crop "sees" when a Case 960 heads into it: 500 spm sickle, remote-controlled reel and pickup speed*, heavy duty roller chain feed rake, 40-inch-wide threshing-separating, on-the-go tailings check, on-the-go cylinder speed* and concave adjustment, 9½-foot-long walkers, all-steel cleaning shoe, top-drive clean grain elevator.

Versatility? Everything you need to harvest any combinable crop. A new 3-row corn head for 28 and 30-inch rows, or a 2-row for 38 to 42-inch rows. New corn cob mix attachment*. Grid covers*. A 10-foot header that fits 3 wide or 4 narrow rows of beans or other row crops. A 13-foot header for 4 wide or 5 narrow rows. A 14-foot header for extra capacity in grain. A pickup to handle any windrowed crop. 66 or 40-inch rear axles to fit any need. It all adds up to a faster, surer harvest with a super-capacity Case 960.

*Optional equipment.



All header drives are on the left side — away from the uncut grain to avoid shattering.

SUPER CAPACITY

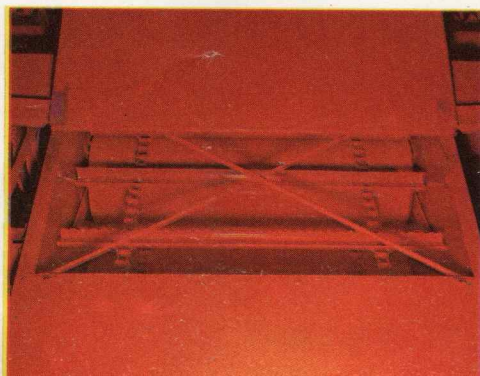
starts with a
fast, clean-cutting
header

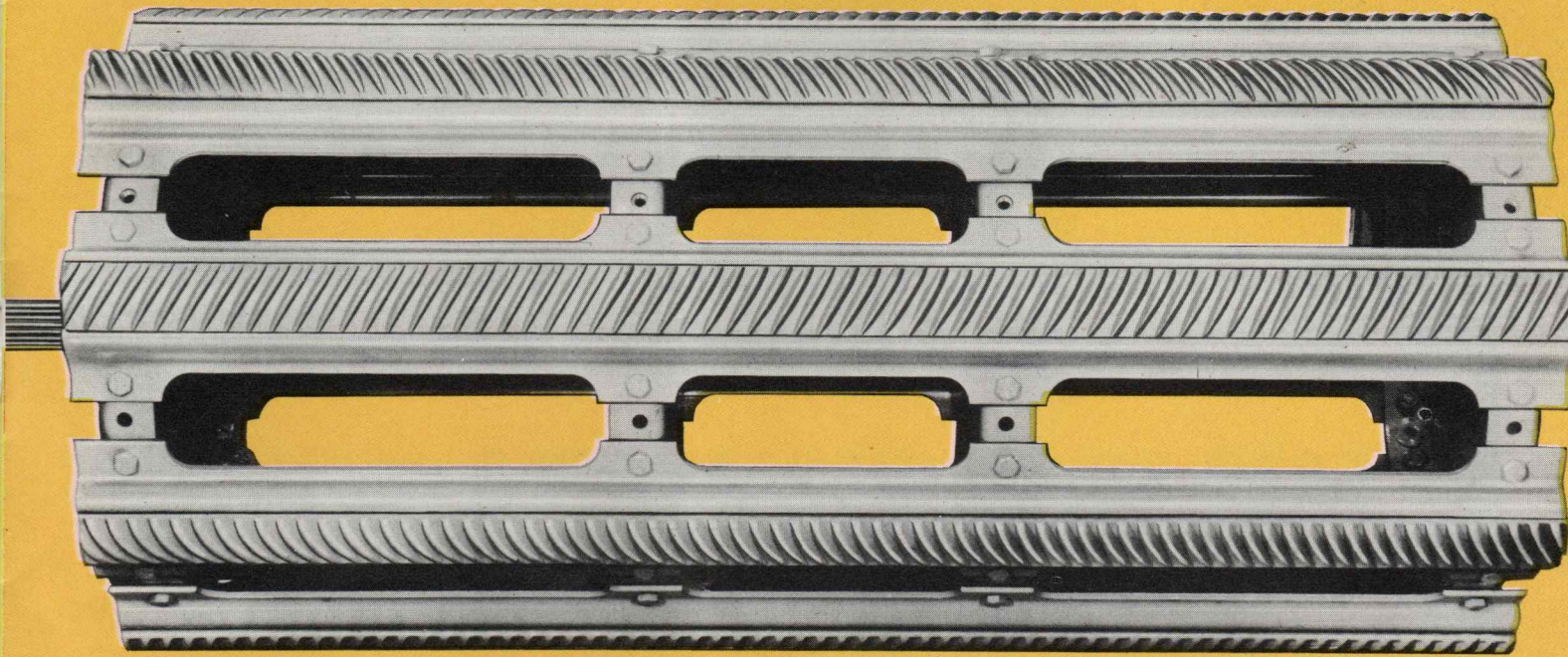
Super capacity begins with the 960's smooth swaybar sickle drive and its fast 500-stroke-per-minute speed that cuts clean even in tough crop conditions. Tough, drop-forged guards have a slim, penetrating design and a hardened inner surface that eliminates the need for ledger plates. Special hold-down chaffer plates at the heel of each section assure precision alignment.

VARIABLE-SPEED REEL AND PICK-UP DRIVE attachment is remote-controlled from the driver's seat. Handy crank lets you match drive speed to changing field conditions — **precisely** and on-the-go.

SPROCKETLESS LOWER DRUM ASSURES CLEAN FEEDING. Floating drum compresses material for even feeding . . . prevents stalks from feeding inside the rake. Sawtooth slats provide fast, aggressive feeding, yet shed material easily. New heavy duty roller chain.

HYDRAULIC REEL LIFT ATTACHMENT lets you lift or lower the reel instantly in relation to cutterbar height. Helps get all the grain and keep the cutterbar cleared in difficult-to-handle crops.





SUPER CAPACITY

calls for both
EXTRA WIDTH
EXTRA BEEF
in the cylinder

Here's the extra cylinder weight — spike tooth or rub bar — you need to carry through heavy slugs without losing critical threshing speed. And capacity! Big 40-inch width instead of the usual 30-inch . . . and for less money . . . gives heavy crops elbow room for better, more complete threshing . . . with less power. More capacity, too, because you adjust concave clearance on-the-go. And now you can have optional driver-seat control of cylinder speed as well. You match changing harvesting conditions without a pause, without ladder climbing . . . add up to an extra hour of harvesting time per day!



CHECK TAILINGS, ADJUST CONCAVE FROM SEAT — You need to check tailings periodically to save grain and crackage. No need to stop with the Case 960. Just flip open the door at your right elbow for a peek. Then set the concave **precisely** where you want it—a handy gauge shows exact clearance. This crank adjustment has a longer range and greater accuracy than notched lever-quadrant controls. Set cylinder speed from the seat, too (optional). Tachometer shows cylinder speed.

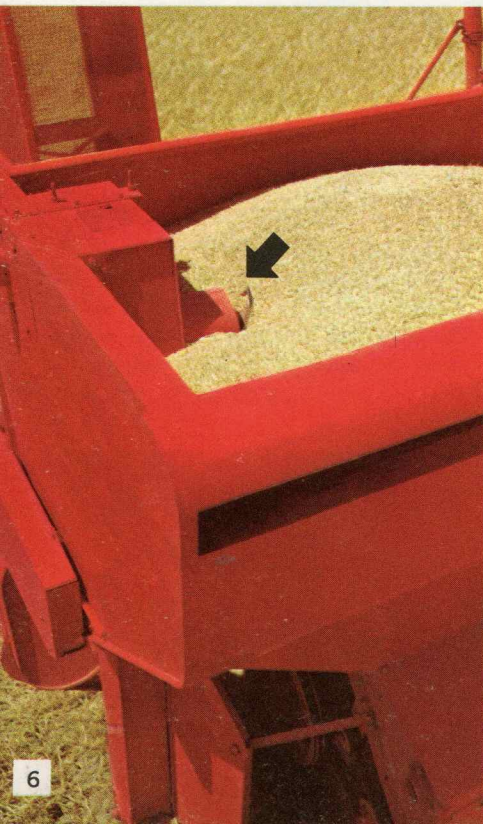


SUPER CAPACITY

all the way through...

5080 SQ. IN. SEPARATING AREA
with four extra-long walkers
...2830 SQ. IN. CLEANING AREA
to match Big-Producer threshing and separating

There are
14 inches clearance between
the walkers and the top deck,
21 inches between the walkers
when extended and the rear hood.



Material moves from the cylinder to the four walkers — *in the same full-width flow* — over 5,080 square inches of separation area. And every bit is usable separating area — open grate or open floor — with no “dead spots.”

There are four walkers 9½ feet long with high-riser fishbacks for thorough separation. Extra-long walker return pans increase cleaning shoe efficiency, eliminate straw congestion at the front of the shoe.

Overhead clearance? Plenty to handle large volumes of bushy materials without plugging.

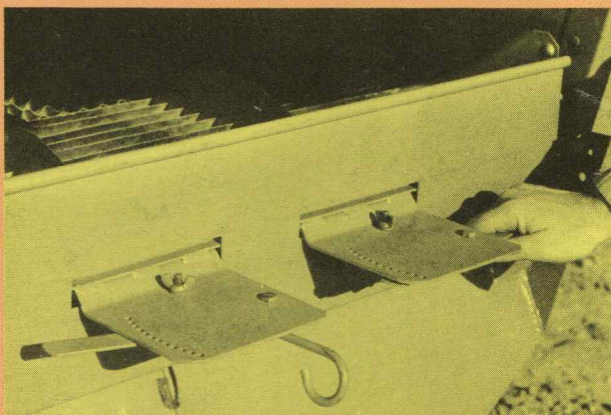
HIGH-CAPACITY TOP-DRIVEN GRAIN ELEVATOR

— Big 5-inch elevator is loaded on the tight side for maximum capacity and longer chain life. Rubber flights handle the crop fast but gently.



LEVER-ADJUSTED CLEANING SIEVES — You can't fool elevator men—most of them know Case-threshed grain when they see it. Because it's **extra** clean. The 960 maintains that old Case tradition. Long travel and lever-adjusted sieves up-grade your grain, reduce dockage. Fixed-hole sieves are available — 12 sizes. Cleaning shoe runs quiet as a whisper on rubber torsional bearings . . . drive mechanism has sealed ball bearings.

PRE-SET AIR DIRECTION ELIMINATES "GUESS-WORK" — Air direction is factory pre-set to provide uniform shoe coverage...eliminates the "guesswork" of field setting blinds and shutters. Cupped fan blades provide constant air pressure under full length and width of sieve. Chaff and dirt float away, while the crop falls free and clean. Variable-speed fan is easily adjusted to pour on the air to blow away chaff and dirt, or provide a gentle breeze for light seed crops.



Big 225 cu. in. 6-cylinder engine for

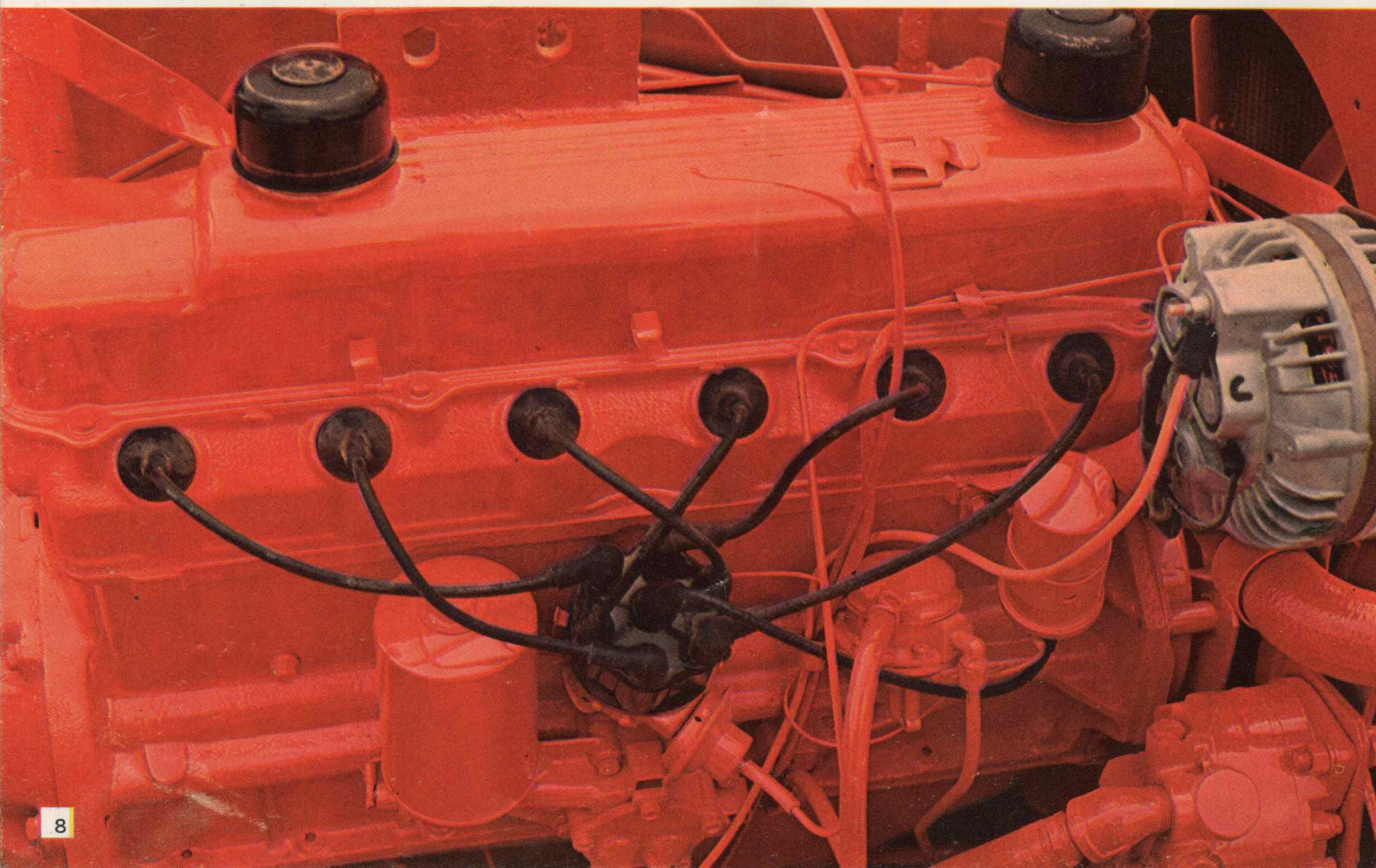
SUPER CAPACITY

Plenty of power for big yields, heavy going

The 960's 225 cu. in. gas or LP-gas engine pulls you through soft ground, handles heavy crops or weedy conditions without slowing up threshing speed. A quick-acting governor maintains even speed for maximum capacity and threshing efficiency. Engine air intake has a large pre-screener and heavy duty cleaner with removable screen element. Engine alternator keeps battery charged for lights, heater, air conditioner and all-weather starting. A wide-range, 3-speed transmission — plus variable speed drive — lets you match ground speed exactly to crop conditions without shifting.

Center-mounted engine and bin for maximum stability and maneuverability

The 960 combine has a low center of gravity. Grain bin and engine are located so that, when the bin is full, 90% of the combine weight is centered between and over the drive wheels. This gives ideal flotation and stability, yet provides positive rear wheel steering. Engine is centered on the deck behind the bin. It is easily accessible, runs clean and cool, contributes to low profile for transport and storage. An engine shroud is available to keep off moisture, dirt and chaff.



More "reach" on the unloading auger

The 960's extra-long unloading auger tube reaches into the tallest truck boxes easily. A big 10 inches in diameter, it empties the 69 cu. ft. bin in little more than a minute. It folds for transport . . . just unlatch and swing the auger back. Time: 30 seconds. Tools: none!



More comfort for you

You're in full command every moment with a Case 960 . . . and mighty comfortable, too. A new human-engineered seat adapts to **you** regardless of your size. Tip it back for stand-up driving. Adjust the telescoping steering column (optional) for comfortable stand-up steering at the height that fits **you**. Maneuvering your Case 960 is an easy job with hydrostatic power steering, individual turning brakes and a short 90-inch turning radius.



More features for your convenience and safety

The new 960 not only looks good in the field but its good lines are functional as well. Full shielding offers an extra margin of safety, with shields hinged for ready access to drives for routine maintenance. Non-skid strips on the platform floor and rear deck provide sure footing. And visibility! Sitting above and to the left side of the header, you have a clear view of the crop, the left hand divider, sickle and table . . . and an unobstructed view to the rear for added safety when traveling on the highway.



SUPER CAPACITY

pays off in multi-crop versatility



The Case 960 pays big dividends from early grain to late corn. For the diversified farmer or custom operator, its big threshing-separating-cleaning capacity makes it a natural for handling a wide variety of crops and field conditions. Rugged "unit design" provides plenty of strength without excess weight to bog you down in often-difficult fall traction conditions.

New 2 and 3-row corn heads for wide and narrow rows — Now the Case 960 can be equipped to harvest heavy-yielding corn in wide or narrow rows. The new 3-row head takes 28 and 30-inch rows, while the 2-row head handles 38 to 42-inch rows.

Case corn heads include on-the-go control of snapping rolls, multi-luber system that automatically lubricates hard-to-reach fittings, floating center and outer gathering points, adjustable stalk shields, steel roller gathering chains, full safety clutch protection and hydraulic control of picking height. Grid covers, rotating fan shield and a new corn cob mix attachment are available.

960 CORN SPECIAL: Two or 3-row corn head, 66-inch (adjustable to 34-inch) rear axle tread, 18.4 x 26 drive tires, 7.50 x 18 steering tires, ground speed range of .9-15 mph, alternate slow ground speed range of .4-7.5 mph, folding ladder, kick-down clutch that automatically shifts to low range for better control in close maneuvering, 48-bushel bin with straight-line unloading auger with no corners or elbows to impede flow or crack grain.



In wide-row corn, beans, sorghum and other row crops, the 80-inch drive wheel and 66-inch rear wheel treads straddle two rows nicely for easy handling. The 13-foot header is just right for four wide or five narrow bean rows. In narrow-row corn or beans, the 40-inch rear axle straddles one row for easy steering.

Custom men and big growers in the grain belt area will appreciate the 14-foot header, the 80-inch tread, 120-inch wheelbase and low profile that permit safe, easy truck loading and fast transport. Header removes easily to permit loading onto a trailer, or lift extension permits carrying the header over the cab of most trucks. Convenient access doors make the 960 easy to clean between crops and jobs.

960 SOYBEAN SPECIAL: 13-foot heavy duty header, 66-inch (adjustable to 34-inch) rear axle tread,



18.4 x 30 drive tires, 7.50 x 18 steering tires, ground speed range of .9 to 15 mph, alternate slow ground speed of .4 to 7 mph, folding ladder, kick-down clutch that automatically shifts to low range for better control in close maneuvering, 48-bushel bin with straight-line unloading auger with no corners or elbows to impede flow, crack grain or beans.

960 RICE SPECIAL: 34-inch rear axle tread (66-inch adjustable to 34-inch also available), 23.1 x 26 drive tires, 7.50 x 18 steering tires, ground speed range of .8 to 13.1 mph, alternate slow ground speed of .7 to 7.9 mph. Made-for-rice features: 13-foot heavy duty header, belly skid pan (extra equipment), step-down clutch that automatically shifts to low range for better control in close maneuvering, straight-line bin unloading auger with no corners or elbows to impede flow or crack grain.

960 GRAIN MODEL: See specifications on back page.



CASE[®] 960 COMBINE

S P E C I F I C A T I O N S

Headers

10, 13 or 14 ft.; 2 or 3-row corn head

Sickle speed
500 spm

Sickle guards
Forged steel

Reel and pick-up drive
Standard—variable speed or fixed
Special—remote-controlled variable speed

Reel
4-bat, 6-bat or pick-up

Reel Speed
Standard—19 to 45 rpm
Special—13 to 21 rpm

Header lift
Hydraulic

Header auger
20-in. retracting finger with slip clutch

Feeder
Floating undershot rake, sprocketless lower drum

Cylinder
Standard—rub bar (grain)
Optional—spike tooth (standard on Rice Special)

Cylinder width
40 in.

Cylinder speeds
Standard—from 387 to 1265 rpm
Special—from 229 to 1465 rpm

Cylinder drive
Standard—chain
Optional—variable-speed V-belt

Concaves
Bar and lattice, or spike tooth

Concave adjustment
Screw crank from operator's seat

Beater
11-in. drum

Beater speed
700 rpm (under load)

Straw walkers
4-section all-steel, with high risers

Separating area
5080 sq. in.

Chaffer sieve
Lever adjusted
Length—36½ in.
Width—33¾ in.

Chaffer extension
Push rod adjusted
Length—14¾ in.
Width—33¾ in.

Cleaning sieve

Lever adjusted
Length—32¼ in.
Width—33¾ in.

Cleaning area
2830 sq. in.

Cleaning fan drive
Variable-speed belt

Cleaning fan speed
194 to 755 rpm

Grain elevator
Top-driven, 5 inch, with rubber flights

Grain bin capacity
55 U.S. standard bushels (grain)
48 U.S. standard bushels (specials)

Grain bin unloading
10-inch folding auger with quick-release latch

Engine
Standard—225 cu. in., 6 cylinder overhead valve, 70 hp gasoline engine with alternator
Optional—LP-gas engine

Fuel tank capacity
35 gallons

Power train

Foot clutch, 3-speed transmission, hydraulically controlled variable-speed drive

Drive tires
14.9 x 26 (grain)
23.1 x 26 (rice)
18.4 x 26 (corn/bean)

Steering tires
6.00 x 16
7.50 x 18 (rice, corn/bean)

Drive wheel tread
80 in.

Steering wheel tread
34, 40 in. or 66 in.

Travel speeds
.9 to 14.3 mph

Turning radius with brakes
90 in.

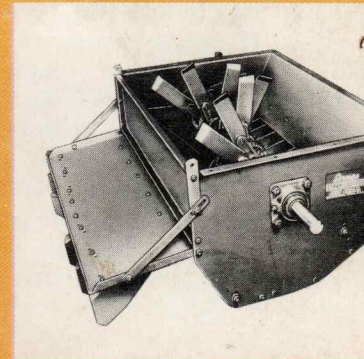
Overall dimensions
Length (header down)—277 in.
Width (header, ladder removed, auger folded)—112 in.
Width (with 13 ft. header, auger extended)—205 in.

Height
Operating—11 ft., 1 in.
Transport—9 ft., 8 in.



ALL-WEATHER CAB — custom tailored for the Case 960. Has large tinted safety-glass windows, with forward-slanted windshield for dust-free operation. Sound-deadened interior. Blower has removable washable filter. Large entrance door with hold-open latch. Heater and air conditioner available.

STRAW CHOPPER cuts tillage costs, increases yields. Perfect balance minimizes vibration. Big capacity — low power requirement. Straw spreader available.



SPECIAL EQUIPMENT — LP-gas engine; 2 and 3-row corn heads; corn cob mix attachment; grid covers; 4-bat, 6-bat or pick-up reels; hydraulic reel lift; header skid pan (13 and 14-foot); pick-up attachment; spike tooth cylinder and concaves; rotary fan shield; mud shields; roto-cleaner; deep sump stone trap; anti-wrap drum (grain header); lighting attachments; telescoping steering column; 66-inch tread rear axle (adjustable to 34-inch); and a variety of other attachments for special crops and conditions. Ask your dealer.

QUALITY — All Case combines are subject to rigid quality control procedures of every step of production — including final test run of transmission, traction drive system and the entire threshing mechanism.

FINANCING — Get all the facts from your Case dealer. And ask him about Case Credit Corporation's on-the-spot financing tailored to your income and designed for your protection. No red tape — no obligation.

The J. I. Case Company reserves the right to make improvements in specifications at any time without incurring any obligation to install them on units previously sold.

J. I. CASE COMPANY, Racine, Wisconsin, U.S.A.

