

CASE

Utility BACKHOE- LOADER

Model 210B Wheel

34 hp HIGH-TORQUE ENGINE

FEATURES

- Backhoe power, reach, and loading height far exceed that of competitive-make "economy" machines. Separate, high-mounted seat insures excellent view of work. Independent, telescoping stabilizers provide firm stance. 7 bucket sizes and designs suit every digging need.

- Smooth 180° pivot-swing with foot-operated controls ... for precise digging, extra dig-and-dump cycles per hour. Swing is positive hydraulic operated, holds boom firm and steady.

- Strong, welded box-frame boom and dipper stick are reinforced at all strain points ... have hardened pins and bushings at wear points. Backhoe easily removable in 10 minutes.

- Loader lifts jumbo loads faster than competitive-make units. Bucket rolls back 17° at ground level ... dumps clean at 45°, clears 8'5" after dumping. Three bucket sizes to fill every need.

- Fabricated loader frame with solid steel trunnion bar won't spread or distort.

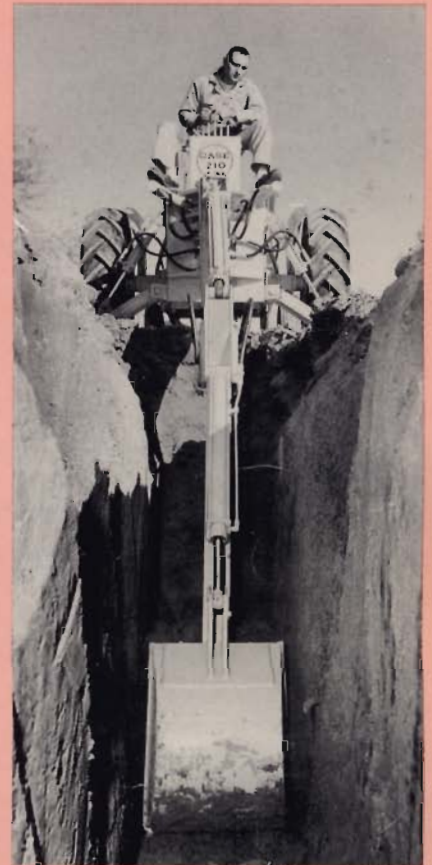
- 126.5-cu. in. gasoline engine develops more torque at desirable lower rpm than other engines in its class ... keeps pulling, reduces clutching and shifting.

- Optional power steering helps you maneuver easier ... lets you make tight turns with just one-finger pressure on the wheel. Synchronized shuttle transmission (optional) speeds fwd.-rev. cycles ... lets you back-up 24% faster than forward in all (8) gears.

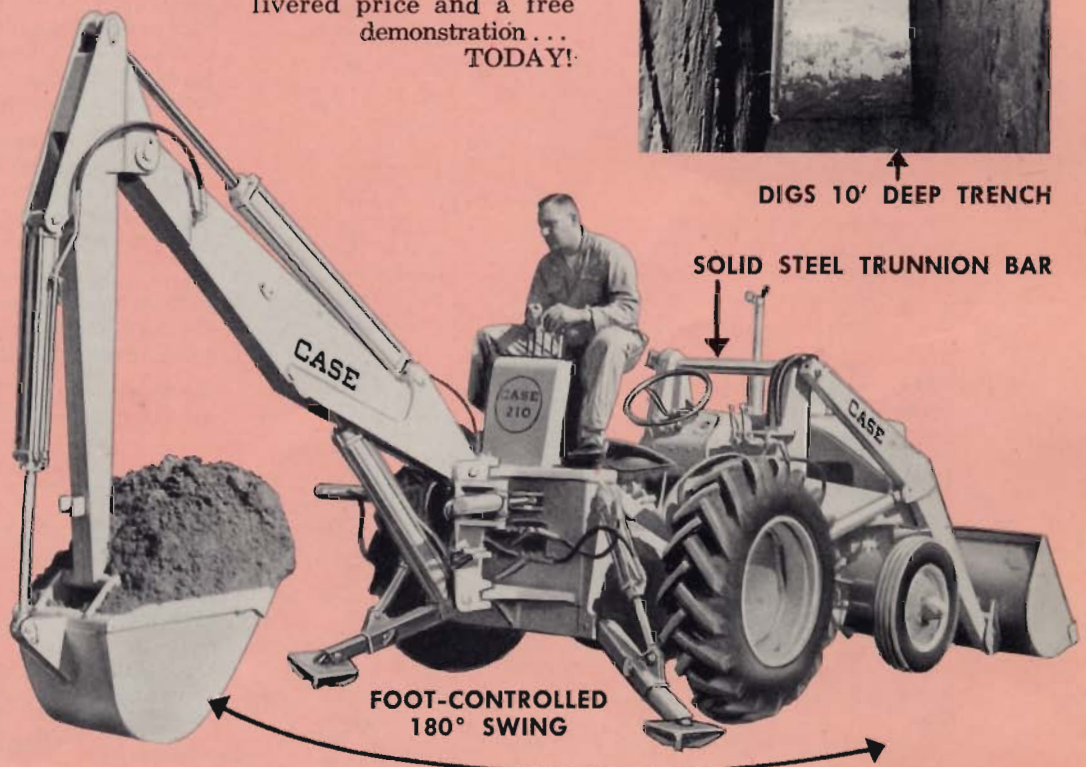
BIG TRENCHING-LOADING CAPACITY AT A NEW LOW PRICE

For trenching down to 10', backfilling and loading-out material, you'll find the "matched" Case Utility 210B Backhoe-Loader a "blue chip" investment — a high-output machine that's cheaper to own, operate, and maintain. Case-built backhoe cuts 14 feet of 4'-deep trench from one position, reaches over 15' from pivot, casts or loads trucks to 10 $\frac{1}{3}$ ' high. You dig-and-dump faster because smooth 180° swing is foot-operated, leaving hands free to work bucket and dipper stick while swinging. The Case-built 1000-lb. loader gets more heap on the bucket, lifts faster, dumps cleaner, and backs-off from an 8 $\frac{1}{3}$ '-high truck without stopping to retract the bucket.

The entire Utility 210B unit — engineered, built, powered, and warranted by J. I. Case — is rugged and strong to keep production high, maintenance and repair costs low. See your Case Utility Dealer for the low delivered price and a free demonstration ... TODAY!



DIGS 10' DEEP TRENCH



SOLID STEEL TRUNNION BAR

FOOT-CONTROLLED 180° SWING

MANUFACTURED AND WARRANTED BY

J. I. CASE CO., Utility Sales Division, Racine, Wis., U.S.A.

1st in quality for over 100 years

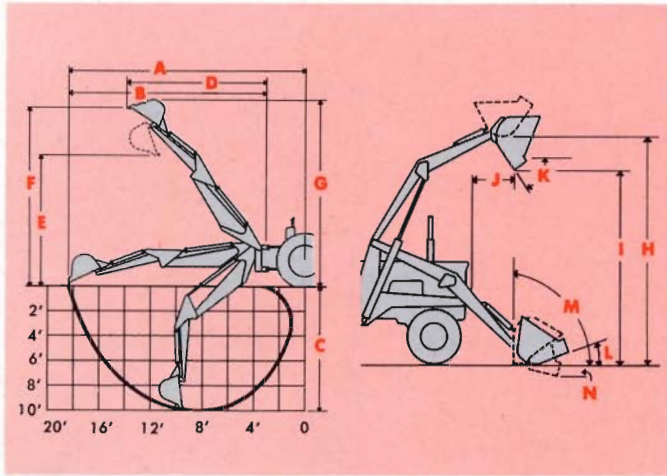


GENERAL SPECIFICATIONS

MODEL 210B

Utility

BACKHOE-LOADER



A	B	C	D	E	F	G
18'6"	15'6"	10'	11'	11'2"	14'4"	15'
H	I	J	K	L	M	N
10'5"	8'5"	30 1/2"	45°	17°	90°	5"

BACKHOE OPERATING DATA

Buckets available, width 12", 18", 24";
 16" and 30" bell-hole; 38"
 grave; 36" comb. b-h & gr.
 Swing arc, uninterrupted 180°
 Stabilizer spread, ground level 8'2"
 Vertical cut on max. grade of 10°

LOADER OPERATING DATA

Buckets, cu. ft.
 SAE rated capacity 11 13 18
 SAE struck capacity 9 11 15
 width 47 3/8" 56 1/8" 63 3/8"
 Lift capacity to full height 1000 lbs.
 Maximum breakaway (to 12") 2150 lbs.
 Cycle: lift 5.2 sec.
 dump 2.0 sec.
 lower 2.8 sec.

DIMENSIONS AND WEIGHT

Width, overall (travel pos.) 83"
 Height, overall (travel pos.) 11'
 Height, tractor only 56"
 Length, overall (travel pos.) 22'4"
 Tread, front 47 1/2"
 rear 64 1/2"
 Tires, front, std. 6.00-16, 6 ply
 rear 11.00-24, 6 ply
 Wheelbase 75 1/4"
 Ground clearance 11 1/2"
 Weight, approx. 6644 lbs.

ENGINE

Make and model Case G-126
 Fuel Gasoline
 Horsepower, maximum (gross) @ 1900 rpm 34
 Drawbar horsepower 26.5
 Torque, maximum, ft.-lbs. 106 @ 1250 rpm
 Cylinders, no. (valve-in-head) 4
 Bore and stroke 3 1/8" x 4 1/8"
 Displacement (cu. in.) 126.5
 Compression ratio 7.5 to 1

Main bearings, steel-backed (3) 2 1/4" dia. x 1 3/4"
 Crankpin bearings, steel-backed (4) 2" dia. x 1 1/8"
 Ignition Coil and dist.
 Starting 6-volt electric
 Carburetor Up-draft
 Fuel supply Gravity
 Air cleaner Oil bath
 Oil filter, bypass type Renewable screw-in cartridge
 Governor Mechanical fly weight
 Lubrication Positive pressure
 Cooling system, type Pressurized, 4 lb.
 capacity 12 qts.
 pump Vane, perm. lub. brng.

FUEL TANK, capacity 13 gal.

POWER TRAIN

Clutch, friction, single dry disc, ferrometallic 9 1/4" dia.
 Transmission Sliding spur gear

Travel speeds:	Standard transmission	Optional shuttle transmission	Optional Tripl-Range transmission
Forward, mph	(4) 2.6 to 12.2	(8) 1.6 to 16.2	(12) 1.5 to 20.4
Reverse, mph	(1) 3.0	(8) 1.9 to 20.2	(3) 1.8 to 5.0

BRAKES

Foot, double-disc, individual rear wheel,
 lock-together for travel, parking lock 6" dia.

STEERING

Type, standard Cam and lever gear
 optional Power-assist
 Turn radius, steered 10'

HYDRAULIC SYSTEM

Cylinders, chrome-plated rods

Backhoe boom, d-a (1) 3" x 31 3/4", 1 1/2" rod
 Backhoe crowd, d-a (1) 3 1/2" x 38 1/3", 2" rod
 Backhoe bucket, d-a (1) 3" x 26 3/8", 1 1/2" rod
 Backhoe swing, d-a (2) 2 1/2" x 15 5/8", 1 1/4" rod
 Backhoe stabilizers, d-a (2) 2 1/2" x 11", 2" rod
 Loader lift, s-a (2) 2 1/2" x 32 3/8", 2" rod
 Loader bucket, d-a (1) 2 1/2" x 14 1/8", 1 1/4" rod

Controls: Heavy-duty 6-spool valve provides precise operation of backhoe boom, crowd, bucket, and stabilizer cylinders. Foot pedals control backhoe swing with feathered action and cushioned stops. Loader's 4-position, double-spool valve with positive-hold "float" position and built-in relief, is mounted for right-hand operation. Primary relief setting, 1300 psi.

Reservoir: Separate hydraulics for backhoe and loader. 14-qt. reservoir built-into backhoe assembly has full-flow oil filter. Tractor-reservoir in torque-tube housing serves loader, has full-flow filter, capacity of 14 qts. (12 with Tripl-Range transmission).

Pump: Separate pump for backhoe system is tractor-mounted, PTO direct drive, gear-type, 17 gpm capacity @ 2000 rpm. Tractor hydraulic pump is engine-mounted, gear-driven, gear-type, 10 gpm @ 1650 engine rpm.

Hydraulic lines: Steel tubing with brazed fittings, and double wire-braid high-pressure hose with swaged fittings.

STANDARD EQUIPMENT: Oil pressure gauge, heat indicator gauge, generator indicator light, engine speed indicator, foot throttle, 2 headlights, rear fenders, upright muffler, rain cap, Model 21 loader less bucket, Model 21 backhoe less bucket.

OPTIONAL TRACTOR EQUIPMENT: 900-lb. cast counterweight, weight box, Eagle Hitch, 3-point hitch, shuttle transmission, industrial tread tires, PTO, power steering, auxiliary hydraulics, easy-ride push-back safety seat.

OPTIONAL LOADER EQUIPMENT: Buckets (see operating data), bucket spill guard, pallet fork, sweeper, crane boom, dozer blade, manure fork, dirt pan for manure fork.

OPTIONAL BACKHOE EQUIPMENT: Buckets (see operating data).

OTHER OPTIONAL EQUIPMENT: All-purpose blade, scarifier-scraper, Terra-Scoop, Case agricultural implements, 5-ton capacity tilt trailer.

IMPORTANT: J. I. Case Co. reserves the right to change these specifications without notice and without incurring any obligation relating to such changes.

Sold and Serviced by: