More muscle . . . more hustle!

Here, at last, is a low-priced backhoe-loader on rubber that gives you more muscle, more hustle, than any other rig in its class. Not only do you get a powerfully-built backhoe for heavy-duty trenching . . . you also get the first low-cost loader actually designed for production digging. Reason for the tremendous digging power of the "420" loader is its torque-converter drive, which provides up to 56% greater push-power, automatically adjusts travel speeds to varying loads, and eliminates engine stalling. The converter also increases traction because you can "ease" the loader bucket into ground or stockpile and apply extra power smoothly — through an infinite number of speed ratios — without clutching or spinning the wheels. You get a full bucket every time, and you deliver more payload because non-spill bucket automatically stays level all the way up! Call your Case Industrial Dealer for a convincing "420" demonstration on your job — TODAY!

Load features:
- Digs 12½ ft. deep
- Reaches 16 ft.
- from pivot
- Lifts 3000-lb.
- loads
- 8 ft. 3 in. dump
- clearance

Backhoe features:
- The only power-digger in the low-price field with
  - Torque Converter
  - Shuttle transmission
  - Power-steering

Exclusive hydraulic foot-controlled 180° swing leaves both hands free to operate the heavy-duty box-section boom and dipper stick. Pivot-points are equipped with replaceable hardened steel pins and bushings for long, trouble-free life.

Loader features:
- Ruggedly-built backhoe reaches farther, digs deeper than others in its class. Telescoping stabilizers are independently controlled for level digging, better balance and stability. 15° bucket standard, with choice of 8 other optional sizes and types.

Complete unit engineered, built and fully warranted by
J. I. CASE COMPANY • RACINE, WISCONSIN, U. S. A.
Specifications for CASE "420" RUBBER-TIRED INDUSTRIAL BACKHOE-LOADER

BACKHOE OPERATING DATA

- Bucket widths available: 14", 16", 19" (Std.), 24", 30" trenching; 16" and 30" bellhole; 36" bellhole-grave; 36" grave
- Free swing arc: 180°

LOADING OPERATING DATA

<table>
<thead>
<tr>
<th>Feature</th>
<th>Standard</th>
<th>Optional</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bucket rated cap.</td>
<td>15 cu. ft.</td>
<td>¾ cu. yd.</td>
</tr>
<tr>
<td>SAE struck cap.</td>
<td>12 cu. ft.</td>
<td>17 cu. ft.</td>
</tr>
<tr>
<td>Overall width</td>
<td>63¾&quot;</td>
<td>79¾&quot;</td>
</tr>
<tr>
<td>Max. lift to full height</td>
<td>2000 lbs.</td>
<td></td>
</tr>
<tr>
<td>Max. breakaway (to 12&quot;)</td>
<td>4600 lbs.</td>
<td></td>
</tr>
<tr>
<td>Lifting time</td>
<td>4.7 sec.</td>
<td></td>
</tr>
<tr>
<td>Dumping time</td>
<td>2.2 sec.</td>
<td></td>
</tr>
<tr>
<td>Lowering time</td>
<td>3.3 sec.</td>
<td></td>
</tr>
</tbody>
</table>

ENGINE

- Make and Model (cu. in. displ.): Case G-148
- Gross engine flywheel horsepower: 47 hp
- Max. drawbar horsepower (Est.): 33 hp
- Max. lbs. pull or push: 12,000 lbs
- (assuming adequate traction)
- Max. torque (ft.-lbs.): 128 @ 1900 rpm
- Cylinders, no. (valve-in-head): 4
- Bore and stroke: 3¾" x 4¾"
- Ignition: Coil & dist.
- Starting: 12-volt electric
- Carburetor: Updraft
- Air cleaner: Oil bath
- Oil filter: Renewable cartridge
- Governor: Mechanical fly-weight
- Lubrication: Positive pressure
- Cooling system — type: Pressurized pump

CAPACITIES

- Cooling system: 13 qts.
- Fuel tank: 13.7 gal.
- Crankcase: 4 qts.
- Trans. and diff.: 13 qts.
- Hydraulic system: 18 gal.

POWER TRAIN

- Clutch (friction, single dry ferrometallic disc): 9¾" dia.
- Transmission: Sliding spur gear with synchronized shuttle shift

SPEEDS with 13" x 24" tires

<table>
<thead>
<tr>
<th>Mode</th>
<th>1st</th>
<th>2nd</th>
<th>3rd</th>
<th>4th</th>
</tr>
</thead>
<tbody>
<tr>
<td>Forward</td>
<td>1.8</td>
<td>2.6</td>
<td>3.5</td>
<td>12.0</td>
</tr>
<tr>
<td>Reverse</td>
<td>2.3</td>
<td>3.3</td>
<td>4.4</td>
<td>14.9</td>
</tr>
</tbody>
</table>

Torque-Converter Drive 0 to 19.2 mph

- 4 speeds and 2 ranges, forward and reverse

BRAKES

- Foot, double-disc. Individual rear wheel pedals can be locked or operated individually: 6" dia.

STEERING

- Cam and lever with hydraulic power assist. Turning radius: 10'

DIMENSIONS AND WEIGHTS (with backhoe and loader)

- Overall length (backhoe and loader) of carry: 20' 8"
- Overall width (to outside of drive tires): 78"
- Height (top of backhoe at carry): 10' 3"
- Height (top of loader frame): 64" ²⁄³₂"
- Tread, front: 47¼" rear: 64"
- Tires (standard): front 7.50 x 16 rear 13 x 24
- Wheelbase: 75" ²⁄³₂"
- Ground clearance: 10½"
- Approximate weight: 7740 lbs.

*Sea level (calculated) maximum HP (based on 60°F and 29.92" Hg.) Manufacturer's rating. Nebraska test not yet available.

Sold and Serviced by: