TD-6 FEATURES

- New six-cylinder International direct-start diesel engine
- Flat deck, mounted flush with fenders for unsurpassed leg room and good underfoot ventilation
- Big, roomy adjustable seat with extra-wide arm rests
- Easy-operating engine clutch with long-life sintered metal facings
- New track roller seals with 1000-hour lubrication periods
### SPECIFICATIONS

**INTERNATIONAL TD-6**

**(62 SERIES)**

**DIESEL CRAWLER TRACTOR**

**(5-ROLLEf TRACK FRAMES)**

**(4-ROLLER TRACK FRAMES)**

#### Horsepower
- Maximum values from observed performance corrected to sea level barometric pressure (29.92 inches of mercury) and 60°F Fahrenheit.
- Drawbar Horsepower: 42.3
- Engine Horsepower @ flywheel: 52

#### Traveling Speeds in miles per hour, computed at 1350 RPM engine speed (for test per minute, multiply by 80)

<table>
<thead>
<tr>
<th>Transmission</th>
<th>Gear</th>
<th>Regular MPH</th>
<th>2-Speed Reverse MPH</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>1.6</td>
<td>1.6</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>1.6</td>
<td>1.6</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>2.3</td>
<td>2.3</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>3.5</td>
<td>4.0</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>5.7</td>
<td>5.7</td>
</tr>
<tr>
<td></td>
<td>Rev.</td>
<td>1.8</td>
<td>1.8</td>
</tr>
<tr>
<td></td>
<td>Rev</td>
<td>2.7</td>
<td>2.7</td>
</tr>
</tbody>
</table>

#### Drawbar Pull in Pounds

<table>
<thead>
<tr>
<th>Trans.</th>
<th>Regular Full, Pounds</th>
<th>2-Speed Reverse Pull, Lb.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>@ Rated RPM</td>
<td>@ Max.</td>
</tr>
<tr>
<td>Gear</td>
<td>Torque RPM</td>
<td>Torque RPM</td>
</tr>
<tr>
<td>1</td>
<td>8,900 (9,650)</td>
<td>10,500</td>
</tr>
<tr>
<td>2</td>
<td>6,700</td>
<td>7,200</td>
</tr>
<tr>
<td>3</td>
<td>4,500</td>
<td>4,900</td>
</tr>
<tr>
<td>4</td>
<td>3,600</td>
<td>3,900</td>
</tr>
<tr>
<td>5</td>
<td>2,400</td>
<td>2,650</td>
</tr>
</tbody>
</table>

*With adequate weight and traction*

#### Engine
- International 4-cycle direct-steam, valve-in-head type.
- Number of cylinders: 6
- Bore and stroke, in.: 3½ x 4.39
- Piston displacement, cu. in.: 282
- Rated governed speed, r.p.m.: 1,850
- Piston speed, ft. per min.: 1,134
- Gear ratio: 4
- Number of main bearings: 4
- Diameter, main bearings, in.: 2½
- Length, main bearings, in.: 5.2

#### Electric Starting & Lighting
- Twelve-volt system includes direct electric starting motor, glow plugs, 17 amp. generator, heavy duty batteries, two headlights and one rear light.

#### Engine Clutch
- Single-plate, over-center, with sintered metal facings and automatic clutch brake:
  - Diameter, in.: 12

#### Transmission
- Selective sliding gear type. Carburized alloy steel gears.
- Bevel gear ratio: 4.22:1

#### Steering Clutches
- Spring booster controlled (one for each track):
  - Diameter, in.: 10½
- Friction surfaces (each clutch): 22
- Effective friction area (each clutch), sq. in.: 1,022

#### Steering Brakes
- (one for each track):
  - Diameter, in.: 12½
  - Friction area (each brake), sq. in.: 28

#### Final Drive
- (mounted on ball bearings):
  - Speed reduction ratio, bull gears: 4.28:1

#### Track Dimensions, inches:
- Gauge, center to center of tracks, 5 roller: 90
- Gauge, center to center of tracks, 4 roller: 40 and 50
- Length of tracks on ground, 5 roller: 69½
- Length of tracks on ground, 4 roller: 50
- Track shoes, width, regular: 12
- Height of grouser: 17½
- Track pin diameter: 17½
- Track pin bushing diameter: 17½
- Track shoe bolt diameter: 1½
- Track driving sprocket pitch diameter: 24.37
- Number of track rollers (each side): 5
- Number of track rollers (each side): 7
- Number of track rollers (each side): 5
- Number of track rollers (each side): 5
- Number of track shoes (each side): 36
- Number of track shoes (each side): 39
- Area of ground contact with 12-in. shoes, sq. in.: 1,665
- Area of ground contact with 12-in. shoes, sq. in.: 1,407
- Area of ground contact with 12-in. shoes, sq. in.: 1,407
- Area of ground contact with 12-in. shoes, sq. in.: 1,200
- Pull bracing grousers area with 12-in. shoes, sq. in.: 558
- Pull bracing grousers area with 12-in. shoes, sq. in.: 465
- Pull bracing grousers area with 12-in. shoes, sq. in.: 558
- Pull bracing grousers area with 12-in. shoes, sq. in.: 620

#### Tractor Dimensions, inches:
- Length, overall: 194
- Width, overall, 40-in. gauge, 12-in. shoes: 109
- 50-in. gauge, 12-in. shoes: 83
- 50-in. gauge, 16-in. shoes: 63
- 50-in. gauge, 16-in. shoes: 66
- Height, grousers tip to highest point, less exhaust and air cleaner pipes: 87½
- Turning radius, 40-in. gauge, 4 roller: 65
- 50-in. gauge, 4 and 5 roller: 74
- Minimum ground clearance, from base of shoe (at equalizer spring): 8.9
- Drawbar, height (center line of clevis to bottom face of track shoe): 12½
- Drawbar, lateral movement at pin: 19½

#### Capacities (U.S. standard measures):
- Coolant, gal.: 9½
- Fuel tank, gal.: 33
- Engine lubrication, including filters, qt.: 9
- Transmission case, qt.: 16
- Fuel, gasoline (each): 1
- Air cleaner, pt.: 9½

#### Regular Price Coded Equipment:
- Electric starting and lighting:
- Front power take-off coupling:
- Electric hour meter; preceiver; and underhood muffler:

#### Net Weight (approximate pounds):
- Basic tractor with 12-in. shoes and regular price coded equipment:
  - 40-in. gauge tractor, 4 roller: 7,076
  - 50-in. gauge tractor, 4 roller: 8,029
  - 50-in. gauge tractor, 5 roller: 8,397
- Operating Weight (approximate pounds):
  - Tractor with regular price coded equipment, fuel, water and 12-in. shoes:
    - 40-in. gauge tractor, 4 roller: 8,91
    - 50-in. gauge tractor, 4 roller: 9,61
    - 50-in. gauge tractor, 5 roller: 9,818

Specifications subject to change without notice.

INTERNATIONAL HARVESTER COMPANY • 180 N. Michigan Ave. • Chicago 1, Ill. (General Office)

Plants located in the United States; Hamilton, Ontario, Canada; Chatham, Ontario, Canada; Doncaster, England; Geelong, Australia; Saltillo, Mexico; Neuss, Germany; Norrkoping, Sweden; Montataire, France; Croix, France; St. Didier, France.