

SPECIFICATIONS

## STRUCTION EQUIPMENT DIVISION

| Engi | n e |
|------|-----|
|------|-----|

# 700H LT / 700H XLT / 700H LGP

| Туре                      | John Deere PowerTech® 6068T with turbocharger   |
|---------------------------|---|
| Rated power               | 115 SAE net hp (86 kW) / 123 SAE gross hp (92 kW) @ 2,100 rpm                               |
| Cylinders, wet sleeve     | 6   |
| Displacement              |   |
| Fuel consumption, typical | 2.4 to 4.8 gal./hr. (9.1 to 18.2 L/h)   |
| Maximum net torque        | 410 lbft. (525 Nm) @ 1,300 rpm  |
| Lubrication               | pressure system with full-flow spin-on filter and oil-to-water cooler                       |
| Air cleaner               | dual stage dry type with safety element, precleaner, and dash-mounted restriction indicator |
| Electrical system         | 24 volt with 55-amp alternator  |
| Cooling fan               | blower-type   |

# Transmission

Dual-path, electronic-controlled, hydrostatic drive; load-sensing feature automatically adjusts ground speed and power to match changing load conditions; each track is powered by a variable-displacement piston pump and motor combination; decelerator controls speed from 5.5 mph (8.9 km/h) to stop Travel speeds (infinitely variable) Forward and reverse......0 to 5.5 mph (0 to 8.9 km/h)

| Reverse speed ratio control | .80, 100 | , 115, and 130% ( | of forward speed to maxir | num of 5.5 mph (8.9 km/h) |
|-----------------------------|----------|-------------------|---------------------------|---------------------------|
|                             |          |                   |                           |                           |

# **Final Drives**

Heavy-duty triple-reduction final drives attach directly to the mainframe, isolated from the track frame and dozer frame loads

## Steering

Single-lever steering, speed, and direction control, and counterrotation; full power turns and infinitely variable track speeds provide unlimited maneuverability and optimum control; hydrostatic steering eliminates steering clutches and brakes

# Brakes

Hydrostatic (dynamic) braking stops the machine whenever the direction-control lever is moved to neutral, whenever the decelerator is depressed to the end of travel, or whenever the brake pedal is depressed

## Automatic Park Brake

Exclusive safety feature engages wet, multiple-disc brakes whenever the engine stops, whenever the operator applies the brake pedal, or whenever the park lock lever is placed in the start position; machine cannot be driven with brake applied, reducing wear out or need for adjustment

# Hydraulic System

| System                | open center   |
|-----------------------|---|
| Pressure, main relief | 3,200 psi (22 064 kPa)  |
| Pump                  | gear-type, fixed-displacement pump  |
| Flow                  | 25 gpm (95 L/min.) @ 2,100 rpm  |
| Filter, return oil    | 10 micron   |
| Control               | T-bar three function  |
| Cylinders             | heat-treated, chrome-plated, polished cylinder rods with hardened steel (replaceable bushings) pivot pins |

## Capacities (U.S.)

| Fuel tank with lockable cap                                  | 60 gal. (227 L)      |
|--|----------------------|
| Cooling system with coolant recovery tank                    | 5.6 gal. (21 L)      |
| Engine oil including spin-on filter                          | 20 qt. (19 L)        |
| Transmission reservoir refill including spin-on filter       | 17.2 gal. (65 L)     |
| Final drive (each)   | 14 qt. (13 L)        |
| Hydraulic reservoir refill including spin-on filter          | 13.5 gal. (51 L)     |
| 4000S John Deere Winch, if equipped                          | 10 gal. (38 L)       |
| All powertrain and hydraulic systems allow maximum 45-degree | off-level operation. |

| dercarriage  | 700H LT                               | 700H XLT                                 | 700H LGP                                       |
|--|---------------------------------------|--|--|
| John Deere Dura-Trax™ features large deep-heat-treated com       | ponents: pins and bushings are seal   | ed for life: rollers and idlers are perr | nanently sealed and lubricated: ful            |
| length track frame covers reduce material buildup and eas        |                                       |  |  |
| Sprocket   | -                                     | segmented                                | segmented                                      |
| Chain  | -                                     | sealed and lubricated                    | sealed and lubricated                          |
| Track shoes, each side   |                                       | 42                                       | 42   |
| 20-in. (510 mm) grouser width (closed center, single bar)        |                                       | 42                                       | 42   |
|  | 2.919 og in (24.622 om <sup>3</sup> ) | 4 111 ag in (26 E20 am <sup>2</sup> )    | 4.111 or in (26.500 cm <sup>2</sup> )          |
| Ground contact area  |                                       | 4,111 sq. in. (26 520 cm <sup>2</sup> )  | 4,111 sq. in. (26 520 cm <sup>2</sup> )        |
| Ground pressure  | 6.8 psi (47 kPa)                      | 6.5 psi (45 kPa)                         | 6.5 psi (45 kPa)                               |
| 22-in. (560 mm) grouser width (closed center, single bar)        |                                       |  |  |
| Ground contact area  |                                       | 4,514 sq. in. (29 120 cm <sup>2</sup> )  | 4,514 sq. in. (29 120 cm <sup>2</sup> )        |
| Ground pressure  | 6.2 psi (44 kPa)                      | 5.9 psi (42 kPa)                         | 5.9 psi (42 kPa)                               |
| 24-in. (610 mm) grouser width (closed center, single bar)        |                                       |  |  |
| Ground contact area  |                                       |  | 4,917 sq. in. (31 720 cm <sup>2</sup> )        |
| Ground pressure  |                                       |  | 5.5 psi (39 kPa)                               |
| 30-in. (760 mm) grouser width (closed center, single bar)        |                                       |  |  |
| Ground contact area  |                                       |  | 6 120 sg in (39 486 cm <sup>2</sup> )          |
| Ground pressure  |                                       |  |  |
| 30-in. (760 mm) swamp shoes                                      |                                       |  |  |
|  |                                       |  | $6120\mathrm{ag}$ in (20,486 $\mathrm{am}^2$ ) |
| Ground contact area  |                                       |  |  |
| Ground pressure  |                                       |  | 4.6 psi (32 kPa)                               |
| Ground clearance, minimum  |                                       |  |  |
| With single-bar grouser (excluding grouser height)               |                                       | 15 in. (381 mm)                          | 15 in. (381 mm)                                |
| With swamp shoe (including grouser height)                       |                                       |  | 17.6 in. (447 mm)                              |
| Length of track on ground  |                                       | 102 in. (2600 mm)                        | 102 in. (2600 mm)                              |
| Track gauge, standard  | 70 in. (1778 mm)                      | 70 in. (1778 mm)                         | 78 in. (1981 mm)                               |
| Oscillation (at front idler)                                     |                                       | 7.7 in. (196 mm)                         | 7.7 in. (196 mm)                               |
| Frack rollers, each side   |                                       | 7  | 7  |
| Carrier rollers, each side                                       |                                       |  | 1  |
| Frack pitch  |                                       | 6.91 in. (175.5 mm)                      | 6.91 in. (175.5 mm)                            |
|  |                                       | 0.01 m. (170.0 mm)                       | 0.01 III. (170.0 IIIII)                        |
| tional or Special Equipment                                      |                                       |  |  |
| Add (+) or deduct (–) lb. (kg) as indicated to base weight for u | nits with                             |  |  |
| 20-in. (510 mm) track shoes                                      |                                       | – 233 lb. (– 106 kg)                     | – 1,375 lb. (– 624 kg)                         |
| 22-in. (560 mm) track shoes                                      |                                       | included in base                         | - 1,100 lb. (- 499 kg)                         |
| 24-in. (610 mm) track shoes                                      |                                       | N/A                                      | - 681 lb. (- 309 kg)                           |
| 30-in. (760 mm) track shoes                                      |                                       | N/A                                      | included in base                               |
|  |                                       |  |  |
| 30-in. (760 mm) swamp shoes                                      |                                       | N/A<br>1.40 lb (00 lbs)                  | – 31 lb. (– 14 kg)                             |
| 132-in. (3353 mm) blade for LT                                   |                                       | 140 lb. (63 kg)                          | included in base                               |
| All-hydraulic heavy-duty C frame (less blade)                    |                                       | – 1,730 lb. (– 784 kg)                   | – 1,870 lb. (– 848 kg)                         |
| Cab with heater  |                                       | 600 lb. (272 kg)                         | 600 lb. (272 kg)                               |
| Cab with air conditioning  | 635 lb. (288 kg)                      | 635 lb. (288 kg)                         | 635 lb. (288 kg)                               |
| Canopy heater  |                                       | 26 lb. (12 kg)                           | 26 lb. (12 kg)                                 |
| Counterweight, front   |                                       | 380 lb. (172 kg)                         | 380 lb. (172 kg)                               |
| Deluxe seat group  |                                       | 20 lb. (9 kg)                            | 20 lb. (9 kg)                                  |
| Front tow hook   |                                       | 17 lb. (8 kg)                            | 17 lb. (8 kg)                                  |
| Fuel-fired coolant heater  |                                       | 12 lb. (5 kg)                            | 12 lb. (5 kg)                                  |
| Grille, extreme service with heavy-duty hose guard               | ( 0)                                  | 112 lb. (51 kg)                          | 112 lb. (51 kg)                                |
| Limb risers, arched  |                                       | 341 lb. (155 kg)                         | 341 lb. (155 kg)                               |
| Rear screen, canopy  |                                       |  |  |
|  |                                       | 45 lb. (20 kg)                           | 45 lb. (20 kg)                                 |
| Rear screen, cab   |                                       | 91 lb. (41 kg)                           | 91 lb. (41 kg)                                 |
| Side screens (cab or canopy)                                     |                                       | 108 lb. (49 kg)                          | 108 lb. (49 kg)                                |
| Screens, front and doors (canopy)                                |                                       | 120 lb. (54 kg)                          | 120 lb. (54 kg)                                |
| Screens, front and doors (cab)                                   |                                       | 151 lb. (68 kg)                          | 151 lb. (68 kg)                                |
| Extreme-service rear tank guard                                  | 225 lb. (102 kg)                      | 225 lb. (102 kg)                         | 225 lb. (102 kg)                               |
| Extreme-service air-conditioning module guard                    | 117 lb. (53 kg)                       | 117 lb. (53 kg)                          | 117 lb. (53 kg)                                |
| Lights, driving  |                                       | 3 lb. (1 kg)                             | 3 lb. (1 kg)                                   |
| Work lights, high intensity                                      |                                       | 9 lb. (4 kg)                             | 9 lb. (4 kg)                                   |
| Parallelogram ripper with three teeth                            |                                       | 2,400 lb. (1088 kg)                      | 2,400 lb. (1088 kg)                            |
|  |                                       |  |  |
| Retrieval hitch  |                                       | 68 lb. (31 kg)                           | 68 lb. (31 kg)                                 |
| Extended drawbar   |                                       | 195 lb. (88 kg)                          | 195 lb. (88 kg)                                |
| Rock guards (4)  |                                       | 287 lb. (130 kg)                         | N/A  |
| 4000S John Deere Winch   |                                       | 1,437 lb. (652 kg)                       | 1,437 lb. (652 kg)                             |
| Fairlead, four roller (for 4000S Winch)                          | 187 lb. (85 kg)                       | 187 lb. (85 kg)                          | 187 lb. (85 kg)                                |
| Log arch (for 4000S Winch)                                       |                                       | 780 lb. (354 kg)                         |  |

| SAE Operating Weights                                | 700H LT                | 700H XLT | 700H LGP               |
|--|------------------------|----------|------------------------|
| With standard equipment, rollover protective (ROPS)  |                        |          |                        |
| canopy, full fuel tank, and 175-lb. (79 kg) operator |                        |          |                        |
| With 120-in. (3048 mm) blade and 20-in. (510 mm)     |                        |          |                        |
| track shoes  | 25,800 lb. (11 703 kg) |          |                        |
| With 120-in. (3048 mm) blade and 22-in. (560 mm)     |                        |          |                        |
| track shoes  |                        |          |                        |
| With 132-in. (3353 mm) blade and 30-in. (760 mm)     |                        |          |                        |
| track shoes  |                        |          | 27,900 lb. (12 653 kg) |

| nensions  | 700H LT                             | 700H XLT                             | 700H LGP                             |
|---|-------------------------------------|--------------------------------------|--------------------------------------|
| bunded to the nearest whole number.   |                                     |                                      |                                      |
| A Overall height with canopy or cab   | 118 in. (2985 mm)                   | 118 in. (2985 mm)                    | 118 in. (2985 mm)                    |
| B Overall length with canopy  | 178 in. (4509 mm)                   | 185 in. (4693 mm)                    | 185 in. (4693 mm)                    |
| Overall length with cab   | 180 in. (4580 mm)                   | 188 in. (4765 mm)                    | 188 in. (4765 mm)                    |
| C Overall length with retrieval hitch   | 179 in. (4552 mm)                   | 186 in. (4736 mm)                    | 186 in. (4736 mm)                    |
| Overall length with extended drawbar  | 193 in. (4905 mm)                   | 200 in. (5089 mm)                    | 200 in. (5089 mm)                    |
| D Ground clearance, minimum   |                                     |                                      |                                      |
| With single-bar grouser (excludes grouser<br>height)  | 15 in. (381 mm)                     | 15 in. (381 mm)                      | 15 in. (381 mm)                      |
| With swamp shoes (includes shoe height)   |                                     |                                      | 17.6 in. (447 mm)                    |
| E Blade lift height   |                                     | 39 in. (980 mm)                      | 39 in. (980 mm)                      |
| F Blade digging depth   | 20 in. (500 mm)                     | 21 in. (541 mm)                      | 21 in. (541 mm)                      |
| G Blade cutting edge angle, variable adjustment range   | 7 degrees                           | 7 degrees                            | 7 degrees                            |
|   | . ,                                 |                                      |                                      |
| eries Blade Specs<br>Width  |                                     | 700H XLT<br>120 in. (3048 mm)        | 700H LGP<br>132 in. (3353 mm)        |
| SAE capacity  | 3.44 cu. yd. (2.63 m <sup>3</sup> ) | 3.44 cu. yd. (2.63 m <sup>3</sup> )  | 3.75 cu. yd. (2.87 m <sup>3</sup> )  |
| Height (at ends)  |                                     | 39 in. (998 mm)                      | 39 in. (998 mm)                      |
| Top of spill sheet (center section)   | 45 in. (1140 mm)                    | 45 in. (1140 mm)                     | 45 in. (1140 mm)                     |
| Blade angle, right and left   | 25 degrees                          | 25 degrees                           | 25 degrees                           |
| Angled width  |                                     |                                      |                                      |
| C Angled width  | 109 in. (2769 mm)                   | 109 in. (2769 mm)                    | 121 in. (3073 mm)                    |
| Tilt  | · · · · · ·                         | 109 in. (2769 mm)<br>17 in. (424 mm) | 121 in. (3073 mm)<br>18 in. (467 mm) |
| •   | · · · · · ·                         | · · · · · ·                          |                                      |
| Tilt  | 17 in. (424 mm)                     | · · · · · ·                          | · · · · · ·                          |
| Tilt  | 17 in. (424 mm)                     | 17 in. (424 mm)                      | · · · · · ·                          |
| <ul> <li>Tilt</li> <li>Cut reach</li> <li>With 20-in. (510 mm) shoes</li> </ul>   | 17 in. (424 mm)                     | 17 in. (424 mm)                      | 18 in. (467 mm)                      |
| <ul> <li>Tilt</li> <li>Cut reach</li> <li>With 20-in. (510 mm) shoes</li> <li>With 22-in. (560 mm) shoes</li> </ul>   |                                     | 17 in. (424 mm)                      | 18 in. (467 mm)                      |
| <ul> <li>Tilt</li> <li>Cut reach</li> <li>With 20-in. (510 mm) shoes</li> <li>With 22-in. (560 mm) shoes</li> <li>With 30-in. (760 mm) shoes</li> </ul>   |                                     | 17 in. (424 mm)                      | 18 in. (467 mm)<br>1 in. (– 25 mm)   |
| <ul> <li>Tilt</li> <li>Cut reach</li> <li>With 20-in. (510 mm) shoes</li> <li>With 22-in. (560 mm) shoes</li> <li>With 30-in. (760 mm) shoes</li> <li>Width over track</li> </ul>                     |                                     | 17 in. (424 mm)                      | 18 in. (467 mm)                      |
| <ul> <li>Tilt</li> <li>Cut reach</li> <li>With 20-in. (510 mm) shoes</li> <li>With 22-in. (560 mm) shoes</li> <li>With 30-in. (760 mm) shoes</li> <li>Width over track</li> <li>Cast reach</li> </ul> |                                     | 17 in. (424 mm)<br>1 in. (25 mm)<br> | 18 in. (467 mm)                      |



# **Forestry Application**

#### 700H LT 700H XLT **700H LGP**

- Available limb risers and screens for the rollover protective cab and canopy structures; John Deere-built, self-contained 4000S Winch\* for versatile skidding and clearing 45 - 200 operations
- P Overall length with 4000S Winch ......208 in. (5283 mm) 215.3 in. (5467 mm) 215.3 in. (5467 mm)
- Q Additional length with 4000S Winch to (B) ......30.5 in. (775 mm) 30.5 in. (775 mm) Additional length with 4000S fairlead to (P) .....10 in. (254 mm)
  - 10 in. (254 mm)
- 30.5 in. (775 mm) 10 in. (254 mm) 122 in. (3099 mm)
- **R** Overall height with limb risers......122 in. (3099 mm) 122 in. (3099 mm) \*See 4000S Winch specifications sheet.

# Drawbar Pull

Drawbar pull versus ground speed.....usable pull will depend on traction and weight of tractor



## 700H Dozer

#### Key: • Standard equipment 🔺 Optional or special equipment

- LT XLT LGP Engine
- • 115-hp (86 kW) turbocharged, isolation mounted
- •• Oil-to-water engine oil cooler
- Vertical spin-on oil filter
   Vertical spin-on fuel filters with water separator • • Dual-element dry air cleaner with built-in pre-
- cleaner and evacuator valve
- Above-hood pre-screener/raincap
- External primary precleaner\*
- Enclosed safety fan guard (conforms to SAE J1308) . Coolant recovery tank
- Blower-type cooling fan
- Trash-resistant seven-fin in-line radiator
- Under-hood muffler with vertical exhaust stack
- Pre-wired for ether start aid
- ▲ ▲ Electric ether start aid
- A A Radiator sand screen (steel)
- Engine coolant heater, 1,000 watts, 110 volts
- **A** Engine coolant heater, fuel fired

## **Powertrain and Controls**

- Dual-path hydrostatic transmission ...
- •• Single-lever steering, speed, and direction control
- •• Decelerator pedal with automatic retardation
- •• **Engine-speed selection lever**
- Automatic tracking control
- Dynamic braking (anti-free wheel) ...
- Counterrotation
   Transmission neutral lock with safety start switch
- • Spring-applied, hydraulic-released parking brake
- Independent transmission oil reservoir with
- sight gauge
- Onboard diagnostics with visual code display
- • Oil-to-air transmission oil cooler
- Built-in final drive seal guards
- Triple-reduction final drives with wet multi-disc brakes
- Max. forward/reverse speed 5.5 mph (8.9 km/h)
- Selectable reverse speed ratio setting of 80, 100,
- 115, or 130% of forward speed

# Remote diagnostic test ports

- **C-Frames and Blades**
- • Six-way all-hydraulic heavy-duty C-frame with infinitely adjustable blade pitch
- Remote C-frame pivot grease banks
- Cordura-covered hoses with replaceable lengths
- • Straight end bits
- Blade, 120-in. (3048 mm), with heavy-duty C-frame Blade, 132-in. (3353 mm), with heavy-duty C-frame
- Blade, 132-in. (3353 mm), with heavy-duty C-frame\*
  - Electrical (24-volt system)
- Fuse panel with blade-style multi-fused circuit breakers
- Horn, electric (conforms to SAE J994, J1446)
- Reverse warning alarm (conforms to SAE J994, .11446)
- Fuel gauge, electric, illuminated
- Hourmeter, electric
- •• Transmission oil pressure gauge, illuminated
- Master electrical disconnect
- • Positive battery terminal covers with battery cover
- • By-pass start safety cover at starter
- • Electronic monitor with visual and audible
  - warning: Alternator / Hydraulic filter restriction / Transmission filter restriction / Transmission oil temperature / Coolant temperature (audible) / Engine coolant temperature gauge / Engine oil pressure (audible) / Engine oil pressure gauge / Air cleaner restriction / Fasten seat belt / Park brake
- Ground-speed selection display

JOHN DEERE

DKA700H Litho in U.S.A. (02-03)

- LT XLT LGP Electrical (24-volt system) (continued)
- Dual 12-volt low-maintenance batteries, 190-min. reserve capacity, 950 CCA

★See your John Deere dealer for further information.

Adjustable leg support / Seat belt, 2 in. (51 mm),

and aft/weight and height combined adjustment /

Adjustable leg support / Adjustable backrest

angle / Adjustable lumbar support / Adjustable

vinyl or cloth (conforms to SAE J899): Fore and

aft/weight and height combined adjustment /

Adjustable leg support / Adjustable backrest

angle / Adjustable lumbar support / Adjustable

seatback extension / Seat belt, 3 in. (76 mm),

retractable with CRS (conforms to SAE J386)

mirror / Leg cushions (2) / Seat-side lockable

Reinforced engine and mid-frame bottom guards

service access cover / Fuel fill / Hydraulic reser-

voir fill/check / Transmission reservoir fill/check /

Lockable grease gun/tool storage compartment

seatback extension / Seat belt, 3 in. (76 mm),

retractable with CRS (conforms to SAE J386)

▲ ▲ Deluxe comfort control air suspension seat,

🔺 🔺 Seat belt, 3 in. (76 mm), retractable with CRS

**Convex interior rearview mirror** 

A Rear attachment mirror (for cab only)

storage box/lunch box/cup holder

A A Radio, AM/FM weatherband with digital clock

• • • One-piece unitized construction mainframe

• • • Vandal protection lock provisions for: Engine

Solid hood (painted gray for reduced glare)

A A Manuals/trademarks/decals, French or Spanish

🔺 🔺 Extreme-duty louvered grille and hose protection

Limb risers, arched or point-to-point (bolt-on)

Operator-protective rear screen (canopy or cab)
 Operator-protective side screens (canopy or cab)

▲ ▲ Operator-protective full-screen package (canopy

🔺 🔺 Rear window wiper and washer for cab

and antenna

**Overall Vehicle** 

Front tow loop (bolt-on)

• • Integral transmission guard

• • Perforated engine side shields

• • • Heavy-duty louvered grille

Instrument panel

in right access door

🔺 🔺 🔺 Transport lift and tie-down rings\*

**Protection Packages** 

▲ ▲ Heavy-duty engine air-intake guard

🔺 🔺 Counterweight, front, 380 lb. (172 kg)

Extended rigid drawbar with pin for pull-type

Drawbar, extended for winch (with or without)

A Ripper, parallelogram with five shank pockets

Winch, John Deere 4000S, power in/free spool

🔺 🔺 Extreme-service rear tank guard

Air-conditioning module guard

**Attachments** 

**Environmental drains** 

🔺 🔺 🔺 Chrome exhaust stack

or cab)

🔺 🔺 🔺 Lift cylinder guards

🔺 🔺 🔺 Counterweight, rear\*

A A Retrieval hitch with pin

implements

and three teeth

out OR power out

A Rear-mounted toolbox

Four-roller fairlead for winch

Root-rake blade attachment

Fairlead)

Specifications and design subject to change without notice. Wherever applicable, specifications

are in accordance with SAE standards. Except where otherwise noted, specifications are based

on units with standard equipment, rollover protective structures, full fuel tanks, and 175-lb.

(79 kg) operators; 700H LT unit with 120-in. (3048 mm) blade and 20-in. (510 mm) track shoes; 700H XLT unit with 120-in. (3048 mm) blade and 22-in. (560 mm) track shoes; and

700H LGP unit with 132-in. (3353 mm) blade and 30-in. (760 mm) track shoes.

Accessories: Convex wide-angle interior rearview

(conforms to SAE J386)

••

retractable with CRS (conforms to SAE J386)

**A** Deluxe comfort control mechanical suspension seat, vinyl or cloth (conforms to SAE J899): Fore

LT XLT LGP Operator's Station (continued)

- • 55-amp sealed alternator with cab or canopy
- A Power port, 12 volt, 20 amps, for phone and radio **Hydraulic System**
- 🛢 🛡 🗣 25-gpm fixed-displacement hydraulic gear pump
- Pump with through-drive for winch or auxiliary
- pump
- Low-effort T-bar blade control
- Independent hydraulic reservoir with sight gauge ... Vertical spin-on hydraulic filter
- • 0-ring face seal hydraulic connectors
- • Three-function hydraulic valve
- Four- and five-function valves with levers, without float
  - A A Rear auxiliary plumbing
    - Undercarriage
- 70-in. (1778 mm) track gauge, 95-in. (2413 mm) track on ground
- 70-in. (1778 mm) track gauge, 102-in. (2591 mm) track on ground
  - 78-in. (1981 mm) track gauge, 102-in. (2591 mm) track on ground
- Double-flange rollers
- Oscillating track frame with pinned front crossbar
- Full-length smooth-surface track-frame covers
- Chain guides, front and rear (bolt-on)
- Fully protected track-tension adjusters (grease adjustable)
- Segmented sprockets
- Sprocket rock guards (bolt-on)
- Bolt-on full-length track-roller rock guards
- Sealed and lubricated track chains
- 20-in. (510 mm) extreme-service, single-bar grousers
- 22-in. (560 mm) extreme-service, single-bar grousers
  - 24-in. (610 mm) extreme-service, single-bar arousers
  - 30-in. (760 mm) extreme-service, single-bar arousers
  - Swamp shoes, 30-in. (760 mm), self-cleaning pyramid

## Lights (optional)

- **Grille-mounted high-intensity lights (2), with** rear light (1), halogen, 50 watts each
- High-intensity work lights, front (2) and rear (2), with steel guards, 50 watts each

#### **Operator's Station**

- • Modular ROPS/FOPS canopy, isolation mounted (conforms to SAE J1040)
- Under-seat canopy heater, 30,000 Btu/hr.
   Modular ROPS/FOPS cab, isolation mounted (conforms to SAE J1040): Fresh air intake cab heater/defroster/pressurizer, 18,000 Btu/hr. with air precleaner / Dome light / Deluxe headliner with molded air ducts for heater, defroster, and air conditioner / 30,000-Btu/hr. under-seat heater / Front windshield and doors, wipers and washers / Tinted safety glass
- Air conditioning, 24,000 Btu/hr.

Headliner and floormat

••

Net engine power is with standard equipment including air cleaner, exhaust

and DIN 6270B, using No. 2-D fuel at 35 API gravity. No derating is required

system, alternator, and cooling fan, at standard conditions per SAE J1349

up to 10,000-ft. (3050 m) altitude. Gross power is without cooling fan.

 $\bullet \bullet$ 

•• Right and left operator station entry Slip-resistant front-mounting steps

**Ergonomically located handholds** 

• • • Adjustable footrests and full-length armrests

Built-in Operator's Manual storage

• Suspension vinyl seat (conforms to SAE J899): Fore

and aft/weight and height combined adjustment /