





Track-Type Tractors | Specifications

| MODEL |  D6R XL Series III | |  D6R XW Series III | |  D6R LGP Series III | |  D7G*** | |
|--------------------------------------|---|----------------------|---|----------------------|--|----------------------|---|----------------------|
| | 149 kW | 200 hp | 149 kW | 200 hp | 149 kW | 200 hp | 149 kW | 200 hp |
| Flywheel Power | 149 kW | 200 hp | 149 kW | 200 hp | 149 kW | 200 hp | 149 kW | 200 hp |
| Operating Weight:* | — | | — | | — | | 20 094 kg | 44,300 lb |
| Power Shift Clutch Brake (FTC) | — | | — | | — | | — | |
| Power Shift Differential Steer | — | | — | | — | | — | |
| SU Blade | 20,081 kg | 44,270 lb | 20,672 kg | 45,573 lb | 21,716 kg | 47,874 lb | — | |
| Engine Model | C9 ACERT | | C9 ACERT | | C9 ACERT | | 3306 T | |
| Rated Engine RPM | 1850 | | 1850 | | 1850 | | 2000 | |
| No. of Cylinders | 6 | | 6 | | 6 | | 6 | |
| Bore | 112 mm | 4.4" | 112 mm | 4.4" | 112 mm | 4.4" | 121 mm | 4.75" |
| Stroke | 149 mm | 5.9" | 149 mm | 5.9" | 149 mm | 5.9" | 152 mm | 6" |
| Displacement | 8.8 L | 537 in ³ | 8.8 L | 537 in ³ | 8.8 L | 537 in ³ | 10.5 L | 638 in ³ |
| Track Rollers (Each Side) | 7 | | 7 | | 8 | | 6 | |
| Width of Standard Track Shoe | 560 mm | 22" | 760 mm | 30" | 915 mm | 36" | 508 mm | 20" |
| VPAT | 560 mm | 22" | 760 mm | 30" | 810 mm | 32" | — | |
| Length of Track on Ground | 2.87 m | 9'5" | 2.87 m | 9'5" | 3.28 m | 10'9" | 2.72 m | 8'11" |
| Ground Contact Area (W/Std. Shoe) | 3.22 m ² | 4972 in ² | 4.36 m ² | 6780 in ² | 5.99 m ² | 9288 in ² | 2.76 m ² | 4280 in ² |
| VPAT | 3.22 m ² | 4972 in ² | 4.36 m ² | 6780 in ² | 5.31 m ² | 8256 in ² | — | |
| Track Gauge | 1.88 m | 74" | 2.03 m | 80" | 2.29 m | 90" | 1.98 m | 6'6" |
| VPAT | 2.13 m | 84" | 2.29 m | 90" | 2.29 m | 90" | — | |
| GENERAL DIMENSIONS: | | | | | | | | |
| Height (Stripped Top)** | 2.38 m | 7'10" | 2.38 m | 7'10" | 2.43 m | 8'0" | 2.27 m | 7'5" |
| Height (To Top of ROPS Canopy) | 3.20 m | 10'6" | 3.20 m | 10'6" | 3.25 m | 10'8" | 3.25 m | 10'8" |
| Height (To Top of ROPS Cab) | 3.20 m | 10'6" | 3.20 m | 10'6" | 3.25 m | 10'8" | — | |
| Overall Length (Without Blade) | 3860 mm | 12'8" | 3,860 mm | 12'8" | 4.25 m | 13'11" | 4.19 m | 13'9" |
| With S Blade | — | | — | | 5.47 m | 17'11" | 5.28 m | 17'4" |
| With SU Blade | 5.33 m | 17'6" | 5.33 m | 17'6" | — | | — | |
| With VPAT Blade | 5.27 m | 17'4" | 5.27 m | 17'4" | 5.97 m | 19'7" | — | |
| With Angle Blade | 5.21 m | 17'1" | 5.21 m | 17'1" | — | | — | |
| Overall Length (VPAT) | 3.86 m | 12'8" | 3.86 m | 12'8" | 4.25 m | 13'11" | — | |
| With S Blade | — | | — | | 5.47 m | 17'11" | — | |
| With SU Blade | 5.33 m | 17'6" | 5.33 m | 17'6" | — | | — | |
| With VPAT Blade | 5.27 m | 17'4" | 5.27 m | 17'4" | 5.97 m | 19'7" | — | |
| With Angle Blade | 5.21 m | 17'1" | 5.21 m | 17'1" | — | | — | |
| Width (Over Trunnion) | 2.64 m | 8'8" | 2.95 m | 9'8" | 3.43 m | 8'8" | — | |
| Width (W/O Trunnion — Std. Track) | 2.44 m | 8'0" | 2.74 m | 9'0" | 3.15 m | 10'4" | — | |
| Width (W/O Trunnion — Std. Shoe) | — | | — | | — | | 2.55 m | 8'5" |
| Ground Clearance | 383 mm | 1'3" | 383 mm | 1'3" | 433 mm | 1'5" | 347 mm | 13.7" |
| Blade Types and Widths: | | | | | | | | |
| Straight | — | | — | | 4.06 m | 13'4" | 3.66 m | 12'0" |
| Angle Straight | 4.17 m | 13'8" | 4.20 m | 13'9" | — | | 4.27 m | 14'0" |
| Full 25° Angle | 3.78 m | 12'5" | 3.81 m | 12'6" | — | | 3.90 m | 12'8" |
| Semi-U | 3.26 m | 10'8" | 3.56 m | 11'8" | — | | — | |
| VPAT (Variable pitch, angle, & tilt) | — | | | | | | | |
| straight | 3.88 m | 12'9" | 4.16 m | 13'8" | 4.16 m | 13'8" | — | |
| VPAT Full 24° Angle | 3.55 m | 11'8" | 3.81 m | 12'6" | 3.81 m | 12'6" | — | |
| Fuel Tank Refill Capacity | 382 L | 101 U.S. gal | 382 L | 101 U.S. gal | 382 L | 101 U.S. gal | 435 L | 115 U.S. gal |

FTC — Fingertip clutch/brake control

*Operating Weight includes ROPS canopy, operator, lubricants, coolant, full fuel tank, hydraulic controls and fluid, SU blade, horn, back-up alarm, retrieval hitch and front pull hook.

— D7G includes end track guiding guards.

**Height (stripped top) — without ROPS canopy, exhaust, seat back or other easily removed encumbrances.

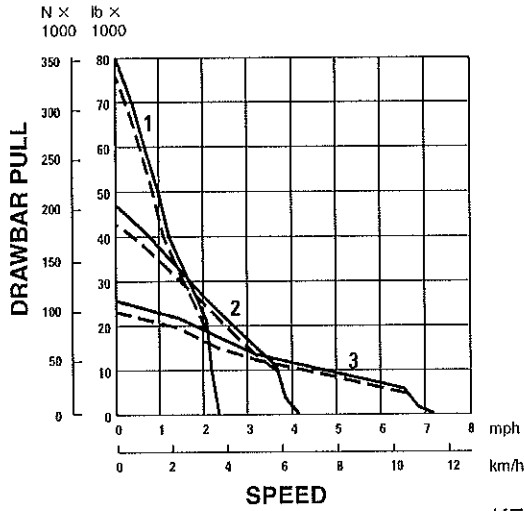
***Not sold in U.S., Canada, Japan or Europe.

Track-Type Tractors

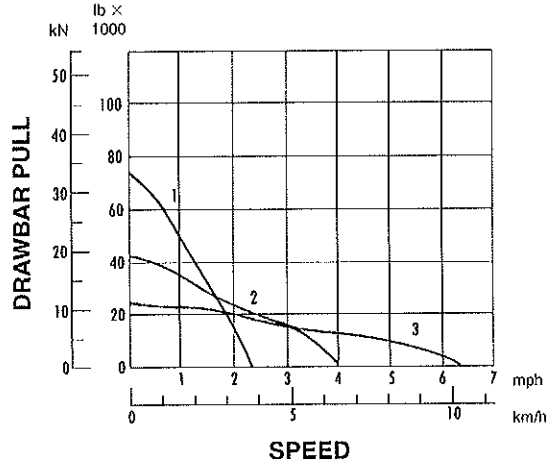
Drawbar Pull vs. Ground Speed

● Power Shift

D6R Series III

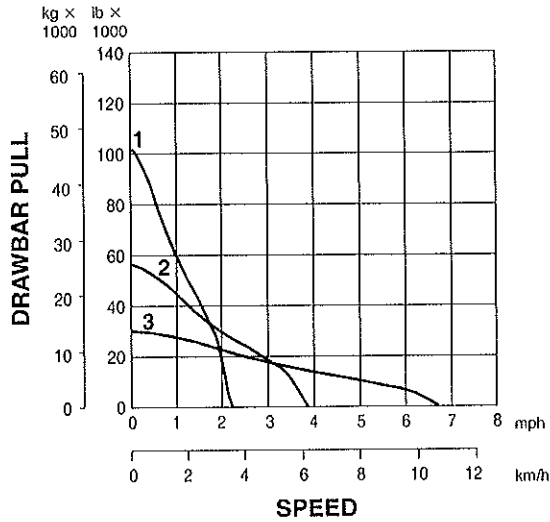


D7G

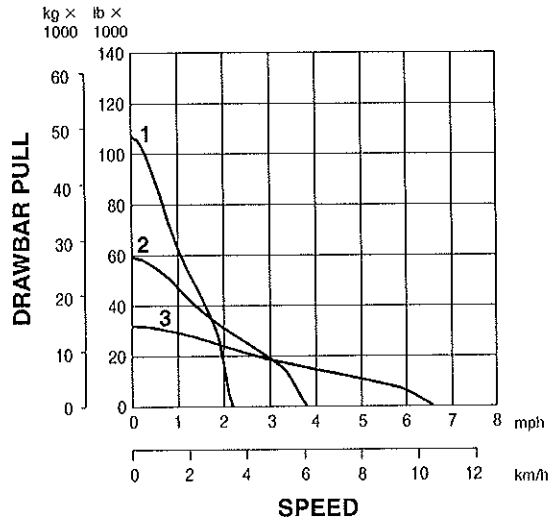


KEY
--- STD
— XL/XW/LGP

D7R Series II Standard/XR/LGP Steering Clutches & Brakes (FTC)



D7R Series II Standard/XR/LGP Differential Steer



KEY
1 — 1st Gear
2 — 2nd Gear
3 — 3rd Gear

NOTE: Usable pull will depend upon weight and traction of equipped tractor.

GROUND PRESSURES

Pressures computed from operating weights given earlier in this section in the specifications tables.

| MODEL | SHOE WIDTH | | CONTACT AREA | | GROUND PRESSURE | |
|--------------------|------------|----|----------------|-----------------|-----------------|------|
| | mm | in | m ² | in ² | kPa | psi |
| D3G XL Hystat | 406 | 16 | 1.67 | 2586 | 43.2 | 6.27 |
| D3G LGP Hystat | 635 | 25 | 2.61 | 4045 | 29.3 | 4.24 |
| D4G XL Hystat | 457 | 18 | 2.03 | 3153 | 38.0 | 5.49 |
| D4G LGP Hystat | 635 | 25 | 2.81 | 4352 | 28.6 | 4.15 |
| D5G XL Hystat | 510 | 20 | 2.36 | 3663 | 37.1 | 5.37 |
| D5G LGP Hystat | 660 | 26 | 3.06 | 4741 | 29.7 | 4.31 |
| D5N XL | 510 | 20 | 2.44 | 3775 | 51.5 | 7.49 |
| ◀ | 560 | 22 | 2.67 | 4146 | 47.1 | 6.82 |
| D5N LGP | 610 | 24 | 3.18 | 4924 | 42.2 | 6.12 |
| ◀ | 760 | 30 | 3.96 | 6135 | 33.9 | 4.91 |
| | 770 | 30 | 4.01 | 6216 | 33.4 | 4.85 |
| D6N XL (FTC) | 560 | 22 | 2.86 | 4427 | 53.2 | 7.72 |
| ◀ | 600 | 24 | 3.06 | 4743 | 49.7 | 7.20 |
| D6N LGP (FTC) | 710 | 28 | 4.40 | 6820 | 39.3 | 5.70 |
| ◀ | 840 | 33 | 5.21 | 8078 | 33.2 | 4.81 |
| | 860 | 34 | 5.34 | 8277 | 32.4 | 4.70 |
| | 865 | 34 | 5.37 | 8324 | 32.2 | 4.67 |
| D6G | 457 | 18 | 2.43 | 3766 | 60.0 | 8.70 |
| ◀ | 508 | 20 | 2.71 | 4200 | 54.0 | 7.83 |
| | 560 | 22 | 2.98 | 4619 | 49.0 | 7.10 |
| | 610 | 24 | 3.25 | 5040 | 45.0 | 6.54 |
| D6R Series III | 508 | 20 | 2.70 | 4200 | 66.6 | 9.62 |
| | 560 | 22 | 2.98 | 4620 | 60.3 | 8.74 |
| | 610 | 24 | 3.25 | 5040 | 55.3 | 8.02 |
| D6R XL Series III | 508 | 20 | 2.92 | 4520 | 67.5 | 9.79 |
| | 560 | 22 | 3.22 | 4972 | 61.4 | 8.90 |
| | 610 | 24 | 3.50 | 5424 | 56.3 | 8.16 |
| D6R XW Series III | 610 | 24 | 3.50 | 5424 | 57.9 | 8.40 |
| | 760 | 30 | 4.36 | 6780 | 46.3 | 6.72 |
| D6R LGP Series III | 810 | 32 | 5.31 | 8256 | 40.0 | 5.80 |
| | 915 | 36 | 5.99 | 9288 | 35.5 | 5.15 |
| | 991 | 39 | 6.49 | 10,062 | 32.8 | 4.76 |
| D6N XL (DS) | 560 | 22 | 2.86 | 4427 | 55.2 | 8.01 |
| ◀ | 600 | 24 | 3.06 | 4743 | 51.6 | 7.48 |
| D6N LGP (DS) | 710 | 28 | 4.40 | 6820 | 40.6 | 5.89 |
| ◀ | 840 | 33 | 5.21 | 8078 | 34.3 | 4.97 |
| | 860 | 34 | 5.34 | 8277 | 33.5 | 4.85 |
| | 865 | 34 | 5.37 | 8324 | 33.3 | 4.83 |

◀ Standard Shoe.
 FTC — Finger Tip Control
 DS — Differential Steer

| MODEL | SHOE WIDTH | | CONTACT AREA | | GROUND PRESSURE | |
|------------------------|------------|------|----------------|-----------------|-----------------|-------|
| | mm | in | m ² | in ² | kPa | psi |
| D7G | 508 | 20 | 2.76 | 4280 | 73.0 | 10.60 |
| ◀ | 559 | 22 | 3.04 | 4708 | 66.0 | 9.60 |
| | 610 | 24 | 3.31 | 5136 | 60.0 | 8.80 |
| D7R Series II | 510 | 20 | 2.94 | 4560 | 83.4 | 11.71 |
| ◀ | 560 | 22 | 3.24 | 5016 | 76.0 | 10.69 |
| | 610 | 24 | 3.53 | 5472 | 69.8 | 9.87 |
| | 660 | 26 | 3.82 | 5928 | 64.0 | 9.17 |
| D7R XR Series II | 560 | 22 | 3.43 | 5315 | 71.5 | 10.16 |
| ◀ | 610 | 24 | 3.75 | 5808 | 65.9 | 9.37 |
| | 660 | 26 | 4.06 | 6282 | 61.2 | 8.70 |
| D7R LGP Series II | 760 | 30 | 4.80 | 7504 | 55.1 | 7.74 |
| | 915 | 36 | 5.82 | 9029 | 46.0 | 6.55 |
| D7R LGP ERF Series II* | 915 | 36 | 6.49 | 10,060 | 42.0 | 6.09 |
| D8R/D8T | 560 | 22 | 3.59 | 5565 | 103.4 | 14.98 |
| ◀ | 610 | 24 | 3.91 | 6062 | 94.9 | 13.76 |
| | 660 | 26 | 4.23 | 6559 | 87.7 | 12.71 |
| | 710 | 28 | 4.55 | 7056 | 81.5 | 11.82 |
| D8R LGP/D8T LGP | 965 | 38 | 6.20 | 9746 | 54.0 | 7.82 |
| D9R/D9T | 560 | 22 | 3.89 | 6031 | 124.8 | 18.10 |
| ◀ | 610 | 24 | 4.24 | 6569 | 114.6 | 16.62 |
| | 685 | 27 | 4.74 | 7374 | 102.0 | 14.80 |
| | 760 | 30 | 5.28 | 8185 | 92.0 | 13.34 |
| D10T | 610 | 24 | 4.74 | 7321 | 135.7 | 19.63 |
| ◀ | 710 | 28 | 5.52 | 8551 | 116.2 | 16.86 |
| | 800 | 31.5 | 6.22 | 9635 | 103.1 | 14.97 |
| D11T | 710 | 28 | 6.31 | 9781 | 162.4 | 23.57 |
| ◀ | 810 | 32 | 7.20 | 11,159 | 142.4 | 20.66 |
| | 915 | 36 | 8.13 | 12,605 | 126.0 | 18.29 |
| D11T CD | 810 | 32 | 7.20 | 11,159 | 153.8 | 22.32 |
| ◀ | 915 | 36 | 8.13 | 12,594 | 136.7 | 19.76 |

* Extended track roller frame.
 ◀ Standard shoe.

NOTE: Ground contact area = width of track shoe × length of track on ground × 2.

$$\text{Ground pressure} = \frac{\text{operating weight}}{\text{ground contact area}}$$