

Bulldozer and track roller guards shown are optional equipment.

For pushloading applications requiring full utilization of two D9G Tractors

- **100% power** available at the moment of contact with the scraper. The power of both tractors is available when pushloading begins, with no wait time for positioning a second tractor. This is advantageous in tough loading material such as shale where full tandem power is essential for loading to begin.
- **Faster return speeds** on rough surfaces, due to the shock absorbing characteristics of a weight transfer cylinder on the tractor coupling.
- **Less traffic** in the cut, with advantages for the Quad-Track D9 in restricted areas where shuttle loading by two tractors is hampered or impossible. In these conditions, the Quad-Track D9 will reduce cycle time.
- **Reduced operator fatigue.** Conventional tandem pushing requires close and constant coordination between operators on separate tractors. On the Quad-Track D9, automatic coordination, a refined control system and comfortable travel will contribute to sustained high production.

QUAD-TRACK ARRANGEMENT

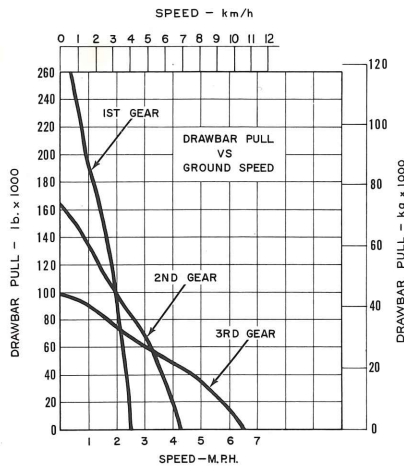
ENGINE:

Total Flywheel Horsepower..... 770
Two engines, each with 385 flywheel horsepower @ 1330 rpm. Independent control of each engine or simultaneous control of both engines by air-actuated foot throttles.

TRANSMISSION:

D9G power shift transmissions.
Simultaneous air control of both transmissions by a single lever.

| Gear | Forward | | Reverse | |
|------|---------|--------|---------|--------|
| | MPH | (km/h) | MPH | (km/h) |
| 1 | 0-2.4 | (3,9) | 0-3.0 | (4,8) |
| 2 | 0-4.2 | (6,8) | 0-5.2 | (8,4) |
| 3 | 0-6.5 | (10,5) | 0-7.9 | (12,7) |



STEERING:

Single lever, selective, air control of steering clutches on both tractors.
Single pedal, selective, air control of brakes on both tractors.
Turning radius 28' 3" (8,61 m)
Turning angle (each direction)..... 70°

AIR CONTROLS:

Compressors.....two (one on each tractor)
12 cfm (340 lit/m) @ 1250 rpm
Air supply tanks.....four (two on each tractor)
Standard air supply..... 2800 cu. in. (45,9 lit)
Reserve air supply..... 1180 cu. in. (19,3 lit)
Air chambers:
Clutchesfour, each with
3 sq. in. area (19,4 cm²)
Brakesfour, each with
9 sq. in. area (58,1 cm²)
Throttlestwo, each with
3 sq. in. area (19,4 cm²)
Pistons.....four (two each transmission),
2" dia. (51 mm)

PARKING BRAKES:

Mechanical locking of brake linkage (both tractors).

TRACTOR CONNECTION:

Ball-and-socket joint, shim adjustable for wear. Ball joint and bracket are bolted to steering clutch case of front tractor. Socket and rear hitch are connected to rear tractor by inside-mounted dozer trunnions. Ball diameter, 12" (305 mm). Quick disconnect couplings on air and hydraulic hoses for transporting tractors as individual units.

WEIGHT TRANSFER:

Hydraulic cylinder attached to tractor coupling and radiator guard of rear tractor.
Bore and stroke..... 7 1/4" x 36 1/16"
(184,2 x 932 mm)
Control positions.....float, hold, raise and lower.
Float position provides damping of tractor pitch movement.

HYDRAULICS:

Hydraulic power for dozer and weight transfer cylinder is provided by a two-valve 193 Hydraulic Control unit mounted on the front tractor.

BULLDOZER:

No. 9C, with special reinforcement in blade.
Two hydraulic cylinders, 7 1/4" (184,2 mm) bore and 50 1/8" (1273 mm) stroke. Includes crankcase guard. (Must be ordered separate from basic tractor arrangement.)

STANDARD EQUIPMENT:

193 Hydraulic Control, two valves, mounted on front tractor.
Extreme service track shoes (both tractors).
Segmented weight group (rear tractor).
Crankcase guard (rear tractor).
Reversible blade fans (both tractors).
Fan blast deflectors (both tractors).
Rear engine warning light, on rear tractor radiator.
Dash-mounted air pressure indicator (both tractors).
Transmission neutralizer and automatic braking system, actuated by low air pressure.

GENERAL DIMENSIONS:

Gauge 90" (2286 mm)
Length (overall) 42' 6" (12954 mm)
Width (outside dozer blade).... 10' 9" (3277 mm)
Height, overall (excluding stacks) 9' 10 3/4" (3016 mm)
Ground clearance (from face of track shoe to bottom of hitch)..... 14" (356 mm)

WEIGHT, Shipping (approx.)

with bulldozer 175,200 lb. (79 470 kg)

| CONVERSION TABLE | |
|--------------------------------|---|
| 1 Mile = 1,609 Kilometers | 1 Lb. = 0,4536 Kilogram |
| 1 Foot = 30,48 Centimeters | 1 Sq. In. = 6,452 Sq. Centimeters |
| 1 Inch = 2,54 Centimeters | 1 Sq. Ft. = 929 Sq. Centimeters |
| 1 U.S. Gal. = 3,785 Liters | 1 Sq. Yd. = 0,836 Sq. Meters |
| 1 U.S. Gal. = 0,833 Imp. Gals. | 1 Cu. Yd. = 0,7646 Cu. Meters |
| | 1 U.S. Gal. Diesel Fuel = 7,3 Lb. (approx.) |
| | 1 U.S. Gal. Coolant = 8,3 Lb. (approx.) |

Materials and specifications are subject to change without notice.

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