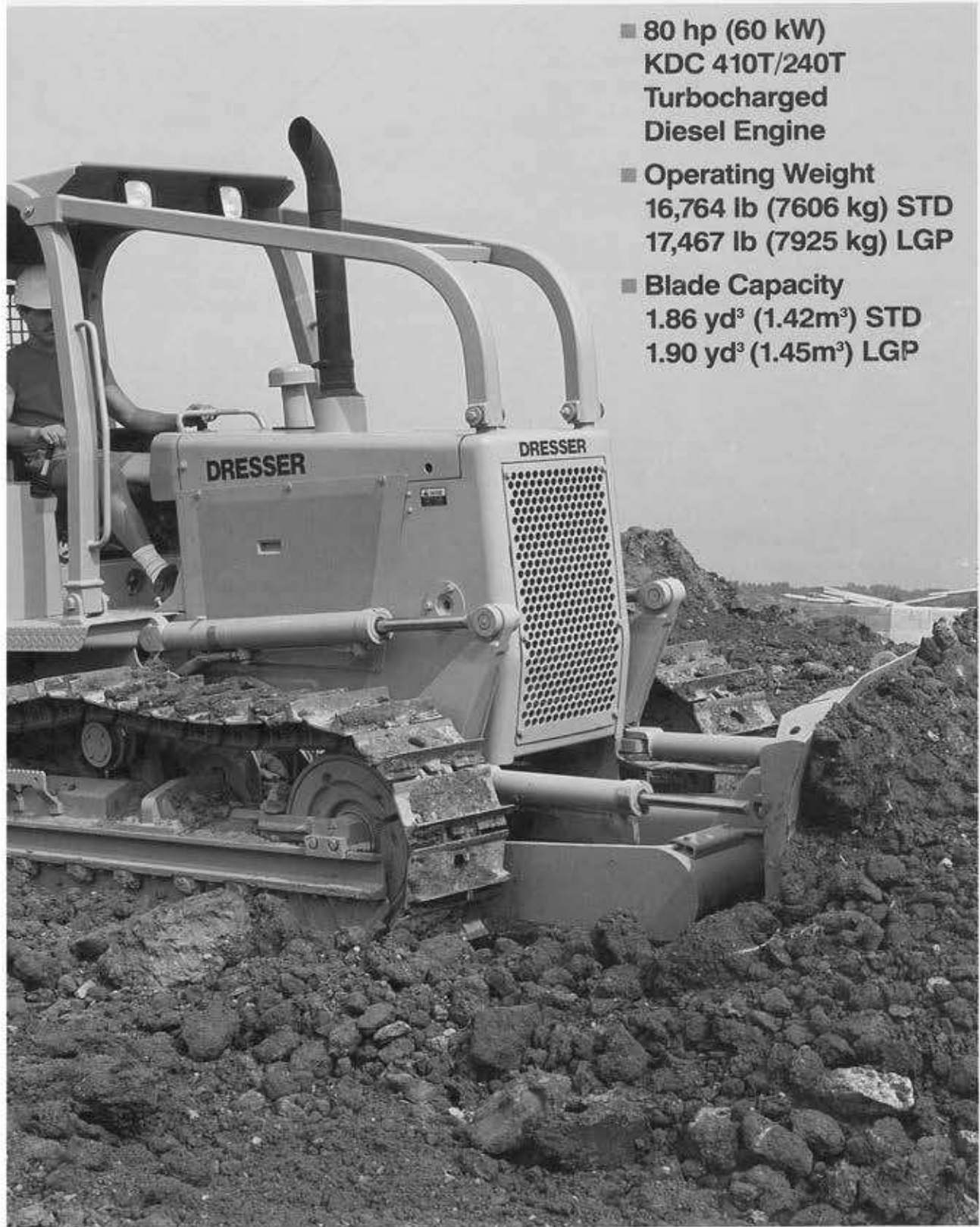


DRESSER®

TD-8H Standard & LGP



- 80 hp (60 kW)
KDC 410T/240T
Turbocharged
Diesel Engine
- Operating Weight
16,764 lb (7606 kg) STD
17,467 lb (7925 kg) LGP
- Blade Capacity
1.86 yd³ (1.42m³) STD
1.90 yd³ (1.45m³) LGP

DRESSER TD-8H Standard & LGP

- Full power-shift transmission
- Highly efficient torque converter
- Wet-type steering and brakes
- Lubricated Track System
- Hydraulic lift, tilt & angle blade
- Long Track for superior fine grading
- Left hand or foot steering available



ENGINE

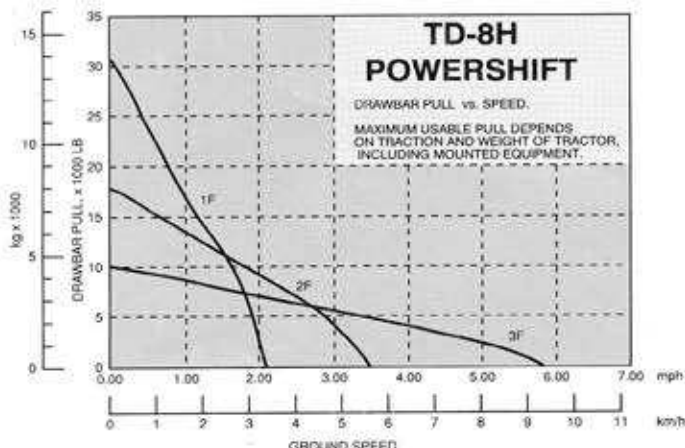
Make and Model. KDC 410T/240T
Type 4-cycle diesel, turbocharged,
direct start, direct injection
*Flywheel power @ 2500 rated rpm. 80 hp (60 kW)
Maximum torque @ 1200 rpm. 235 lb ft (319 N·m)
No. of cylinders 4
Displacement. 239 in³ (3.9 L)
Bore and Stroke. 4.0" x 4.7" (102 x 120 mm)
Lubrication, full flow filtering full pressure
Number of main bearings 5
Electrical system 12V
Air cleaner two stage, dry type
with service indicator
*Flywheel power—output of standard engine (SAE J1349) complete
with fan, air cleaner, alternator, water pump, lubricating oil pump
and fuel pump. Engine will maintain specified flywheel power up
to 10,000' (3048 m) altitude.

TRANSMISSION & TORQUE CONVERTER

Modular countershaft type full power shift hydraulically
controlled and actuated, with 3 speeds forward, 3 reverse.
Single stage 10.6" (269 mm) torque converter with 2.1:1
stall ratio drives to transmission through a permanently
lubricated double universal joint.

TRAVEL SPEEDS

Gear	Torque Converter			
	Forward		Reverse	
	mph	(km/h)	mph	(km/h)
1st	2.1	(3.3)	2.5	(4.0)
2nd	3.5	(5.6)	4.1	(6.7)
3rd	5.8	(9.3)	6.9	(11.2)



STEERING & BRAKING

Single stage planetary type, wet 14.5" (368.3 mm) single
disc steering clutches. 14.5" (368.3 mm) single disc wet-
type steering brakes. Low effort short-throw levers for
one-hand finger-tip control are conveniently located on
the left side of the operator. Center foot pedal applies
decelerator and both disc brakes for parking or downhill
speed control. Steering clutches and brakes run in oil.

FINAL DRIVES

Single stage spur-gear drive to sprockets. 5.67 reduction
ratio. Final drive has metal face seals. Operates in
oil for long life. Sprockets are replaceable without remov-
ing track frames.

TRACK FRAME

Heavy steel channel, rigid mount.

	Std.	LGP
Track rollers each side.	6	6
Top idlers each side.	1	1
Front idlers (disc type).	casting	casti
All rollers and idlers.	Lifespan lubr	

TRACKS

Lubricated Track System virtually eliminates internal pin
and bushing wear.

	Std.	LGP
Track shoe width.	15" (387 mm)	24" (610 mm)
Track shoes each side.	37	37
Ground contact area.	2463 in ² (1.59 m ²)	3941 in ² (2.54 m ²)
Ground pressure.	6.8 psi (0.47 kg/cm ²)	4.43 psi (0.31 kg/cm ²)
Strutted track link pitch.	6.5" (165 mm)	
Height of grouser.	2.11" (54 mm)	
Track adjustment.	full hydraulic	
Minimum ground clearance from		
bottom face of shoe.	12.7" (323 mm)	
Recovery hitch—height from ground to		
centerline of clevis.	18.8" (477 mm)	

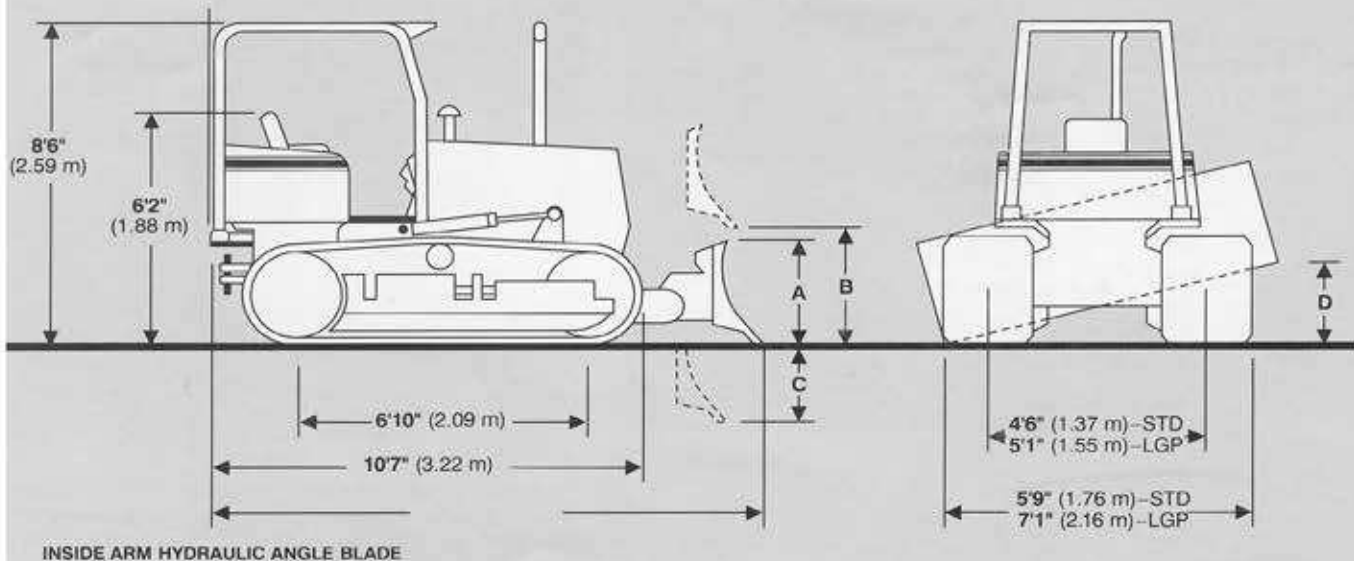
CAPACITIES

	US gal	(Liter)
Fuel tank.	38.5	(145.7)
Cooling systems.	7.0	(26.5)
Engine lubrication, incl. filters.	2.75	(10.4)
Transmission & rear frame.	18.5	(70)
Sprocket drive, each side.	2.5	(9.5)

WEIGHT (Operating)

Includes ROPS, Hydraulic Angle Blade, Hydraulic Control
System, Standard Equipment, Full Fuel and Operator.

Standard.	16,764 lb (7606 kg)
LGP.	17,467 lb (7925 kg)



Vertical dimensions include 2.11" (54mm) grouser height.

BLADE

	Standard	LGP
Blade Capacity, SAE J1265	1.86 yd ³ (1.42 m ³)	1.90 yd ³ (1.45 m ³)
Max. Usable Track Shoe Width	17" (432 mm)	24" (610 mm)
Blade Dimensions		
Width over end bits	7'9" (2.37 m)	9'3" (2.82 m)
Height, struts centered	37" (0.93 m)	33" (0.84 m)
Max. lift, Straight	2'11" (0.88 m)	2'11" (0.88 m)
Max. drop below ground level	17.3" (0.44 m)	17.3" (0.44 m)
Max. tilt adjustment	14" (0.36 m)	16.7" (0.42 m)
Blade angle, either side	25°	25°

OVERALL DIMENSIONS WITH EQUIPMENT

Length with blade straight	"D"	14'2" (4.31 m)	14'2" (4.31 m)
Length with blade and ripper		15'8" (4.78 m)	15'8" (4.78 m)
Width, blade angled		7'0" (2.13 m)	8'5" (2.55 m)
Width, blade straight		7'9" (2.37 m)	9'3" (2.82 m)

RIPPER SPECIFICATIONS

Type	Multi-Shank
Tool Beam	
Overall width	4'9" (1.44 m)
Cross section, height and width	6.5" x 6.5" (165 x 165 mm)
Ground clearance under tool beam	
Ripper raised	25.5" (648 mm)
Ripper lowered	0
Shank	
Number of shanks per ripper, max.	5
Spacing center to center	13.5" (343 mm)
Penetration, max.	14.3" (363 mm)
Ground clearance, max. raised	14.2" (361 mm)
Shank positions (vertical)	2
Weight	
Complete, including three shanks	1120 lb (510 kg)
Each additional shank	20 lb (9 kg)

