



Fig. 2 — HD-98 Tractor (Sectional View)

## 2. GENERAL SPECIFICATIONS

### (STANDARD TRACTOR)

#### GENERAL SPECIFICATIONS:

Overall Length .....	12 ft. 6 in.
Overall Height (without stacks) .....	6 ft. 1½ in.
Overall Width (standard shoes) .....	7 ft. 11-1/16 in.
Turning Radius .....	8 ft. 7¾ in.
Ground Clearance .....	13-5/16 in.
Drawbar Height (center line of jaw) .....	16-17/32 in.
Lateral Drawbar Movement .....	26¾ in.
Shipping Weight (approximate) .....	18,800 lbs.
Length of Track on Ground .....	7 ft. 1¾ in.
Width of Standard Track Shoes .....	16 in.
Maximum Width Track Shoes Available .....	22 in.
Ground Contact Area (standard shoes) .....	2744 sq. in.
Number of Track Shoes per Track .....	38
Ground Pressure per Sq. In. (standard shoes) .....	6.85 lbs.
Tread width (center-to-center of tracks) .....	74 in.

#### TRACTOR SPEEDS (at Rated Engine Speed):

GEAR RANGE	SPEED
1st Gear .....	1.4 M.P.H.
2nd Gear .....	2.1 M.P.H.
3rd Gear .....	2.9 M.P.H.
4th Gear .....	3.8 M.P.H.
5th Gear .....	4.4 M.P.H.
6th Gear .....	5.7 M.P.H.
1st Reverse .....	1.6 M.P.H.
2nd Reverse .....	3.5 M.P.H.
3rd Reverse .....	4.4 M.P.H.

#### ENGINE:

Make .....	"General Motors" Diesel
Type .....	Two Cycle
Number of Cylinders .....	4
Bore .....	4¼ in.
Stroke .....	5 in.
Piston Displacement .....	284 cu. in.
Engine Speed (governed at full load) .....	1600 R.P.M.
Lubrication .....	Forced Feed
Fuel Used .....	No. 1 or No. 2 Diesel Fuel
Fuel Supplied by .....	.55 cu. mm. Unit Injectors

#### CAPACITIES (Approximate) (U. S. Standard Measure):

Cooling System .....	7¼ Gals.
Crankcase and Filter .....	4 Gals.
Transmission Case .....	6¾ Gals.
Final Drives (each) .....	3¼ Gals.
Fuel Tank .....	55 Gals.
Track Release Housing (each) .....	2 Gals.
Air Cleaner .....	1 Gal.

*The Allis-Chalmers Manufacturing Company reserves the right to make changes in the above specifications or to add improvements at any time without notice or obligation.*