Measurement of hand tractor
CHAPTER II TECHNICAL SPECIFICATIONS

A. COMMON TECHNICAL SPECIFICATIONS

1. Model
2. Type
3. Overall dimensions (L X W X H mm)
4. Wheel track (mm) Distance between wheels (mm) Adjustable among 800, 740, 640 and 580 (but normally use 800)
5. Min space from earth to face (mm)
6. Minimum turning radius (m)
7. Construction weight (kgs)
8. Usage weight of tractor (kg)
9. Drive system
   a. Power from engine to clutch
   b. Clutch type
   c. Transmission box
   d. Gearbox
   e. Type of steering mechanism
   f. Final transmission
   g. Type of brake Triangle belt
Rotavator
10. Wheels
   a. Type of drive wheel tire
   b. Tire pressure (kpa)
   c. Tail Wheel
   d. Field working tail wheel
   e. Rubber tail wheel tyre
10. Towing device
   a. Opening of adapter frame (mm)
   b. Clearance from ground to adapter frame (mm)
   c. Diameter of connecting pin (mm)
12. Connection of handlebar frame with hood assy
13. Electric installations
   a. Type of generator
   b. Voltage (V)/rated power (W)
   c. Rotating speed (rpm)
   d. No of phase
   e. Load
13. The filling of oil and water
   a. Water tank
   b. Fuel tank
   c. Oil sump
   d. Power Tiller:
      a. Capacity of lubrication (l)
      b. Tilling transmission box
B. SPECIAL SPECIFICATIONS
(a) Traction force (N)
(b) Theoretical speed (km/hr)
DF-18L(DF-20L)
Towing and driving Single axle, dual-purpose for both traction and dr
2680 X 960 X 1250 (excluding riding installations)
182 (from ground to the bottom of the final transmission housing)
0.9 (with rotavator removed)
360
445(with plough) 505(with rotary cultivator)
By V-Belts
Double friction flat of constant combination
12.7 (1/2") chain of 64 links
(3+2)*2 gear assembly type
Meshing sleeve
Two-step reduction by straight tooth cylindrical gears
Cricoid inside expansion
B1880 3
Use the short pitch, precise roller chain of 12A-2 X 50 for drive
600-12,4-ply
137-196
Steel made, diameter: 340mm
400-8
95
389
20
Fixed type (by bolts and nuts)
Permanent-magnet A.C. generator, cooling fan built in type
12/60
5800
Single phase, three circuits
Two lights of 12 V. 20W each
17-20 kg of clean river (soft) water
9-11 kg of light diesel oil
2.5 kg of machine oil SAE 40 or 30
5
0.5 kg of machine oil SAE 40 or 30
2000
Forward I 1.4 II 2.5 III 4.1 IV 5.3 V 9.4 VI 15.3
Backward I 1.0 II 3.8