



## Intelli - Toerusting

### INTELLI – TREK

IT – 15SL

#### Introduction

Intelli – Trek is a dual – function type power tiller that can be used as a means of traction as well as drive. The Power tiller is featured by its simple and compact construction, good reliability, long service live, easy operation, ample output, light weight and good cross – country ability.

This power tiller is very suitable for use in paddy fields, dry fields, vegetable gardens and hilly land with little inclination. It can be used for ploughing, rototilling and harrowing in paddy fields as well as harvesting, drilling, ditching, transportation and etc. if the suitable farm implements or accessories are attached. In addition this power tiller can also be extensively used as a stationary power source for small scale drainage and irrigation, spraying, grain threshing, cotton grinding, flour milling, feed cutting and so on.

Furthermore there is a riding chair provided with the rotavator for comfortable driving in rototilling.

### Main Technical specifications

1	Model	IT 15 SL
2	Overall dimensions (excluding riding installations)	2680 x 960 x 1250 (L x W x H)
3	Wheel track (mm)	Adjustable among 800, 740, 640 and 580 (normally use 800)
4	Min. ground clearance (mm)	182 (from ground to transmission housing)
5	Construction mass (kg)	509/499
6	Min. turning radius (m)	0.9 (with rotovator removed)
7	Towing device: a. Opening of adapter frame (mm) b. Clearance from to adapter frame (mm) c. Diameter of connecting pin (mm)	95 389 20
8	Oil and Water for Engine a. Water tank b. Fuel tank c. Oil sump	17-20kg clean (soft) water 9 – 11kg light diesel 2.5kg SAE 40/30 (cold winters)
9	Power Tiller a. Main gearbox b. Tilling transmission box	5kg SAE 90 oil 0.5kg SAE 90 oil
10	Traction force (N)	2254
11	Calc min and max speeds (km/h)	a. Forward : 1.95 - 21.70 b. Reverse : 1.56 – 5.60
12	Rotovator speed (rpm)	256/386 (when drive & driven sprockets exchanged)
13	Engine (DIESEL) a. Model b. Bare weight (kg) c. Type  d. Rate output (Kw/HP) e. Max. Torque (N.m)  f. Fuel consumption (g/Kw.h) Lub. Oil consumption (g/Kw.h)	S1100A2N 160 Single cylinder (bore x stroke : 100 x 115mm). Total displacement : 0.903 l. 4 stroke, water cooled and horizontal type with swirl combustion chamber 11.5 / 15.7 ( 1 – hour rated power) 10.5/ 14.3 (12 – hours rated power) 49 (200 r/m)  257 1.6 - 2.0

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