

SOILS

— THE TOUGHEST —
PERFORMER
« FOR YOUR FIELD »

110



4 CYLINDER TURBO CHARGED
WITH INTERCOOLER ENGINE

24+24 SYNCHRO
SHUTTLE TRANSMISSION
WITH CREEPER

HEAVY LIFT
CAPACITY

SMART TECH
FEATURES

INTEGRATED SAFETY
HVAC CABIN (OPTIONAL)



COST
EFFICIENT
MECHANICAL TRACTORS

MADE OF
REAL
STEEL

STRATEGIC
COLLABORATION
WITH
YANMAR

THE TOUGHEST
PERFORMER
«« FOR YOUR FIELD »»

110

SOLIS



FEATURES	110 (24+24)
ENGINE	
HP Category	110 HP
No. of Cylinders	4
Displacement cc	4087
Aspiration	Turbocharged with Intercooler
Bore/Stroke (mm)	105/118
Rated RPM	2200
Air Cleaner	Dry Air Cleaner
Max Torque	430@1300
TRANSMISSION	
Drive	4WD
Clutch	Double Clutch
Gearbox	24F + 24R
Transmission	Synchromesh Shuttle Transmission
SPEED (FORWARD)	
Min Speed (km/h)	0.58 @ 2200 erpm
Max Speed (km/h)	36.69 @ 2200 erpm
Driver Seat	Mechanical Suspension
BRAKES	
Brakes	Wet Disc Brakes
Type of Actuation	Hydraulic Assisted Brakes
Hand Brake	Mechanical
Trailer Brakes	Hydraulic Trailer Brakes
DIFFERENTIAL LOCK	
Differential Lock	Yes (Electrical Switch Operated)
PTO	
PTO (RPM)	540/540 E
PTO (Actuation)	Mechanical
STEERING	
Steering	Power
ELECTRICAL	
Battery	12V, 110Ah
Alternator	12V, 90Amp
Seven Pin Trailer Socket	Standard
HYDRAULICS	
Position Control	Standard
Automatic Draft Control	Standard
3 Point Linkage	Standard
Lifting Capacity (Kg)	4500
Auxiliary Hydraulic Circuit	2DA+1DA with Detent

FEATURES	110 (24+24)
SAFETY SWITCH	
Neutral Safety Switch	Standard
P.T.O Safety Switch	Standard
Clutch Safety Switch	Standard
CAPACITY (LTRS)(+/-5%) APPROX	
Fuel Tank (Ltr.)	117
TURNING RADIUS IN (m)	
Without Brakes & with Brake	5.65
TYRE	
Tyres	Front: 380/85R24 Rear: 460/85R34
DIMENSION & WEIGHT (+/-5%)	
Gross Weight (Kg)	4280
Wheel Base (mm)	2376
Total Length (mm)	4350
Total Width (mm)	2180-2500
Height (mm) upto ROPS	2968
Ground Clearance (mm) min	488
Front Track, (mm), min.-max.	1370-2100
Rear Track, (mm), min.-max.	1225-2225
OTHERS	
Fuel Indicator Gauge	Standard
Registration Plate with Light	Standard
Front Tow Hook	Standard
Front & Rear Weights	Front = 72 Kg Base Weight+10*31 Kg Rear = 40x1 Kg Each Wheel
Drawbar	Standard
ROPS	Standard
Canopy	Optional
Cabin	Optional
OPTIONAL FEATURES	
Front Mudguard	Standard
Weight Optional	Rear Weight 40x2 Kg Each Wheel

*Data and specifications are subject to change without any advance notice due to continuous product improvement and development. All Dimensions are with standard tyres.

Metron

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