




COTTON MASTER



TECHNICAL SPECIFICATIONS

Characteristic	COTTON MASTER 1437
A) Engine	
Engine Power (HP)	142+ Tier 3 
Number of Cylinders / Displacement(lt) / Aspiration	4/5.1/Turbo-Intercooler
Rated Engine Speed (RPM)	2200
Alternator (A)	120
Transmission	HST+Gear Box
No. of speeds	3F+3R
Rear Axle	Adjustable dead axle
Max Speed ,1st Gear	6
Max Speed ,2nd Gear	7
Max Speed ,3rd Gear (Transport)	25
Reverse Speed	5
Wheelbase (mm)	2650
B) Picker unit	
Type	Spindle
No. of Row units / No. of Rotors per row	2/2
Inline / Opposed	Inline
No. of Bars x rows	12 x 18
Ground Speed Synchronised	With Picking speed
Row spacings (mm)	700, 760, 900
C) Basket	
Unloading	Hydraulic ,tilt to left of vehicle chain conveyor+ front compactor
Capacity (m ³)	19 (1100 Kg)
Dumping height (m)	3,5
E) Operator station	
Export	Cab02 /HVAC 02
Steering	Tiltable
Controls Console	RH side, Levers, 7" display
HVAC	Electrical, 24 V
F) Vehicle	
Drive Wheels	16.9-34
Steering wheels 2WD	250-85R20
Track (Drive wheels) (m)	1660
Laden weight, kg	10500
Ground clearance (mm)	600
Water Tank (Lt)	400
Fuel Tank (Lt)	200
Brakes	mechanical linkage
G) Features	
Drum (Picker) Bar lubrication	Onboard , operated from Cab
Drum (Picker) chock sensor	Yes
Drum Drive	Gear drive
Tether system	Yes
H) Electrical	
Head Lamp	2 nos, 24 V
Work lamp	4 nos, 24 V
Tail lamp	2 nos, 24 V
J) Hydraulic	
Hyd pump (cc)	70
Hyd motor (cc)	80
Tank capacity	100
H) Dimensions	
Transport Width (mm)	2730
Transport Height (mm)	4000
Total Length	7200
Unladen weight (Kg)	9500

The company reserves absolute rights to modify the specifications of machine and components there in without any prior notice. Accessories shown are not a part of standard equipment.



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