

### OPTIONAL EQUIPMENT

#### CAB

Closed high cab (fixed front window)  
 Closed high cab (front flip-down window)  
 Closed low cab (fixed front window)  
 Closed low cab (front flip-down window)

#### OTHERS

Ventilation box for closed cab  
 Heater for closed cab  
 Air conditioner for closed cab  
 Acoustic insulation for closed cab  
 Fire extinguisher  
 Windshield washer and lower windshield wipers  
 Rear windshield washer and wipers  
 Radio  
 Tandem lock device  
 Rear fogger

#### DRAWBAR

Drawbar / Heavy Duty circle

#### FRONT ATTACHMENT

Dozer Blade  
 Push plate  
 5 tooth front scarifier  
 6 additional teeth for the front ripper  
 Dozer blade float electrovalve  
 Front counter weight

#### BLADE

3,962 x 671 x 22 mm blade  
 4,267 x 671 x 22 mm blade  
 -304.8 mm right blade extension  
 -304.8 mm left blade extension  
 Heavy Duty cutting edge - extra

#### REAR ATTACHMENT

Medium ripper with 3 large teeth and 5 small teeth  
 Light ripper with 5 small teeth  
 Rear pull hook  
 Support for lifting the machine

#### WORK LIGHTS

2 work lights behind the blade  
 2 work lights mounted in front of the moldboard  
 2 work lights on the front attachment

#### LOCK/FL OATING/ANTI-SHOCK MOLDBOARD AND CIRCLE

Moldboard lifting cylinder lock valve  
 Moldboard floating electrovalve (includes the lock valve)  
 Anti-shock electrovalve with 2 accumulators for the moldboard  
 Anti-shock electrovalve with 3 accumulators for the moldboard and circle

#### SEAT / SEAT BELT

Extra quality vinyl mechanical suspension seat  
 Mechanical suspension fabric seat  
 Pneumatic mechanical suspension fabric seat 3"  
 76.5 mm seatbelt

#### OPTIONAL EXTRAS

Revolving safety light  
 Luxury toolbox  
 Toolbox without tools, with support, mounted on the rear frame  
 Slow movement symbol  
 Electric pump for filling tyres  
 Support for spare tyre

#### TYRES AND MOUNTED RIMS

##### TUBELESS TYRES

10" Rim-3 piece / 14x24 tyre-12 -G2  
 13" Rim-single piece / 17.5x25 tyre-12L-L2  
 14" Rim-3 piece / 17.5x25 tyre-12L-L2  
 14" Rim-3 piece / 17.5x25 tyre-16L-L3

##### TYRES WITH TUBES

9" Rim - single piece / 14x24 tyre-12L-G2  
 10" Rim - 3 piece / 14x24 tyre-12L-G2

#### RADIAL TUBELESS TYRES

9" Rim - single piece / 14x24 tyre-12L-L2  
 XGLA2 RADIAL  
 10" Rim - 3 piece / 14x24 tyre-12L-L2  
 XGLA2 RADIAL

#### RIMS

9" Rim - single piece with valve  
 13" Rim - single piece with valve  
 10" Rim - 3 piece with valve  
 14" Rim - 3 piece with valve

#### SCARIFIER

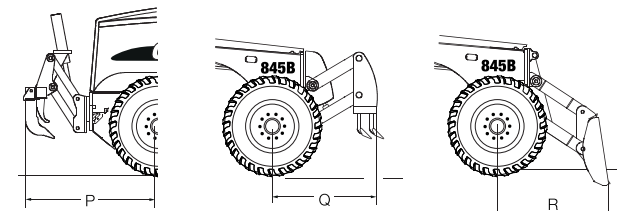
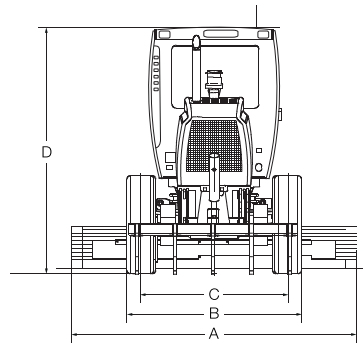
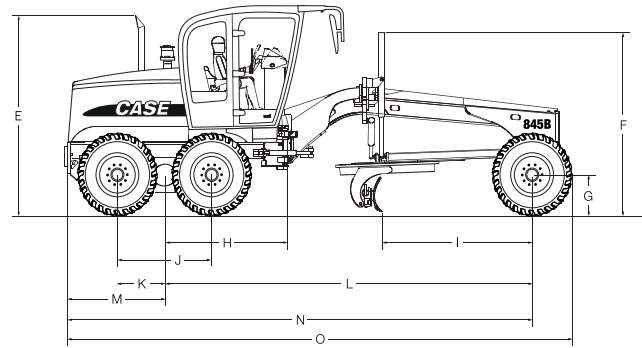
Type Front mounted  
 Cutting width 1.168 mm  
 Teeth 5 (optionally, 11)  
 Spacing between teeth 229 mm  
 (114 mm, optional)  
 Lift above ground 527 mm  
 Maximum Penetration 318 mm  
 Weight 570 kg

#### REAR RIPPER

Type Parallelogram  
 Cutting width 2.185 mm  
 Ripper teeth 5 small or 3 large + 5 small  
 Lift above ground  
 Ripper teeth 505 mm  
 Maximum penetration  
 Ripper teeth 350 mm  
 Weight 625 kg

#### DOZER BLADE

Type Front mounted  
 Width 2.762 mm  
 Height 953 mm  
 Lift above ground 622 mm  
 Penetration 165 mm  
 Weight 1.165 kg



### DIMENSIONS

A Tread gauge	2108 mm
B Tread width	2499 mm
C Blade width	3658 mm
D Height to top of cab	
High-profile cab	3340 mm
Low-profile cab	3140 mm
E Height of top of exhaust	3323 mm
F Height to top of blade lift cylinder	3047 mm
G Tyre static radius	610 mm
H Distance between tandem center and the frame articulation pin	1958 mm
I Distance between the front axle and the blade	2562 mm
J Distance between the center of the rear tyres	1572 mm
K Distance between tandem center and the wheel	786 mm
L Wheelbase	6219 mm
M Distance between tandem center and the rear part of the equipment	1649 mm
N Distance between the front wheel axle and the rear part of the equipment	7869 mm
O Overall length	8554 mm
P Distance between the rear tyres and the ripper	2028 mm
Q Distance between the front tyres and the ripper	1520 mm
R Distance between the front tyres and the dozer blade	1620 mm
Turning radius (outside the tyres)	7250 mm

All units fitted with 14.0 x 24-12L Tyres, open ROPS/FOPS cab, standard battery, full fuel tank, operator weighing 75 kg, specifications in accordance with ISO 7134.

Authorised Dealer

845B - 0113

For further information, contact:

## CASE

CONSTRUCTION

CASE NEW HOLLAND CONSTRUCTION EQUIPMENT (INDIA) PRIVATE LIMITED  
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 Near Chandivali Studio, Andheri (East), Mumbai - 400072  
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 Email: caseindia@cnh.com, www.casece.com

Case Construction Equipment is a division of CNH Global N.V., a global leader in the agricultural and construction equipment businesses, which is part of Fiat Industrial  
 Specification subject to change without notice due to product upgradation

NOTE: Standard and optional fittings can vary according to the demands and specific regulations of each country. The illustrations may include optional rather than standard fittings - consult your Case dealer. Furthermore, CNH reserves the right to modify machine specifications without incurring any obligation relating to such changes.



GRADES THAT DEFINE THE CUTTING EDGE.



## ENGINE

<b>845B</b>	
Brand	FPT
Model	F4HE9684L
Type	Electronic Common Rail Fuel System, Water Cooled, 4 Cycle, Direct Injection, Turbocharged and Charge Air Cooled (EPA TIER 3 certified)
Cylinders	6, in line
Bore and stroke	104 X 132 mm
Engine displacement	6.7l
Horsepower at 2.200 rpm	
Gross (SAE J1995 Gross)	
Low Curve	150 hp (112 kW)*1
High Curve	173 hp (129kW)*2
Net (SAE J1349)	140 hp (104 kW)
Low Curve	140 hp (104 kW)*1
High Curve	163 hp (119kW)*2
Maximum torque at 1.500 rpm	
Gross (SAE J1995 Gross)	
Low Curve	659 Nm*1
High Curve	758 Nm*2
Net (SAE J1349)	
Low Curve	591 Nm*1
High Curve	678 Nm*2

Notes:  
 \*1 Gears 1st, 2nd F e 1st, 2nd R  
 \*2 Gears 3rd, 4th, 5th, 6th F e 3rd R



## POWERTRAIN

<b>Rear axle</b>		
Vertical ground clearance		380 mm
Differential		Limited slip
* Brakes Disk, bathed in oil		
Number of disks per brake		5
<b>Tandem</b>		
Type	Welded Plate (2.204 x 631 x 201 mm)	
Oscillation		20° in each direction
Command chain pitch		50,8 mm
Thickness of the internal and external side wall		19 mm
<b>Front axle</b>		
Type	High-resistance welded steel	
Oscillation		20° in each direction
Wheel lean		15,3° in each direction
Vertical ground clearance		580 mm
Tyres		14 x 24 12L-G2 tubeless
Rims		9" (single piece)
* SAE J150 3450 (brake performance)		

## ELECTRICAL SYSTEM

<b>Power</b>		24 V
Alternator		80 A
Batteries		2x100 Ah – low maintenance
Lights		
	Front headlight with direction indicators (2)	
	Rear brake light and direction indicators (2)	
	Rear work light on top of the cabin (2)	
	Front work light on top of the cabin (2)	
Monitoring of electronic systems		

## HYDRAULIC SYSTEM

<b>Type</b>		Closed center, load sensing
Hydraulic pump		Axial piston pump, variable flow, fitted with load sensing system
Rated flow		186 L/min @ 2200 rpm
Control valve		9 sections
Quick couplers for diagnostics		8

## TRANSMISSION

<b>Brand</b>		<b>ZF</b>
Model		ZF TC LOCK UP 6WG – 160
Type		Torque converter lockup (also functions as Direct Drive) Powershift, electronic shift change control, automatic and without inching pedal for progressive advancing
Gears		6 forward / 3 reverse
Self-diagnostic system		On board
Speeds – km/h	Forward	Reverse
1 <sup>st</sup>	4,4	4,6
2 <sup>nd</sup>	6,8	11,0
3 <sup>rd</sup>	10,5	25,7
4 <sup>th</sup>	16,2	-
5 <sup>th</sup>	24,4	-
6 <sup>th</sup>	37,6	-

## STEERING

<b>Type</b>		Hydrostatic
Steering wheel turns (lock to lock)		4,75
Pump capacity @ 2.200 rpm		37,3 l/min
Pressure release valve		151 bar
integrated with the priority steering valve		
Cylinders		2
Bore		50,8 mm
Stroke		301 mm
Rod diameter		25,4 mm
Supplemental steering		Integrated
SAE J53 e J1511		



Easy access to engine maintain



Multi-Radius Roll-way Profile Mold Bold

## ARTICULATION

<b>Type</b>		Hydraulically activated (with a lock system)
Angle		25° to the left/right
Controls		Hydraulic

## CAPACITIES

<b>Engine</b>		17,5 l
with a change in filter		18,5 l
Fuel		341 l
Transmission		25 l
with a change in filter		26 l
Engine water cooling system		40 l
Hydraulic oil tank		90 l
Total hydraulic system		180 l
Circle turn housing		2,8 l
Tandem case (each)		60 l

## VARIOUS

<b>Front counterweight</b>		Without any frontal attachment and with rear ripper
Saddle		5 positions



Instrument Cluster



Switch console with gear shifter lever

## OPERATING WEIGHT

With a 3.658 mm blade, operator weighing		75 kg
full tank and standard equipment		14.605 kg
Front axle weight		4.496 kg
Rear axle weight		10.109 kg
Blade load		7.645 kg

## FRAME

<b>Type</b>		All-welded box
Front section		
Size		254 x 298 mm
Weight		153,3 kg/m
Rear section		
Size		121 x 299 mm
Weight		78,3 kg/m

## DRAWBAR

<b>Type</b>		"A" frame welded construction with center mounted turn motor
Connection with the frame		Shim adjustable spherical joint

## CIRCLE

<b>Type</b>		Welded construction
Maximum outside diameter		1.752,6 mm
Rotation		360°
Speed		1,2 rpm (7,2°/second)
Drive		Hydraulic
Type		Motor reductor
Displacement		0,25 l/turn
Rated hydraulic flow		94,6 l/min
No. of supports in phenolic resin		4

## BLADE

<b>Type</b>		High-carbon steel
Form		Involute curve
Width		3.658 mm
Height (curved profile)		622 mm
Thickness		22 mm
Cutting edge		2, interchangeable
Blade pitch positions		
Normal pitch		47°
Minimum pitch		42°
Maximum pitch		87°
Blade side shift		
Right		686 mm
Left		533 mm
Maximum bank-cutting angle (left and right)		90°
Ground penetration (max.)		711,2 mm
Lift above ground (max.)		444,5 mm
Blade side shift adn pitch		Hydraulic type



More Visibility & Improved Comfort

## STANDARD EQUIPMENT

### Operator Station

ROPS/FOPS open cab with:  
 Adjustable suspension vinyl seat, with a 50.8 mm (2") seatbelt  
 Adjustable operator console  
 Pedal accelerator  
 Manual accelerator  
 Front windshield wiper with washer  
 Safety glass  
 Ceiling light  
 Internal and external rear-view mirrors  
 12 V\* power supply  
 Automatic master switch  
 Steps on the right and left sides  
 Sunshade (front and rear)  
 \*Only available in closed cabins

### Engine 845B

FPT F4HE9684L  
 Turbocharged, diesel  
 Dry air filter with primary and secondary safety elements  
 Air pre-filter with cyclonic dust ejector  
 80 A alternator  
 Swing-up hood, diesel

### Hydraulic system

Hydraulic system with load sensor, closed center  
 9-section control valve  
 Hydraulic control for all functions: blade lifting (right and left side), circle turn, side shift of the circle, wheel lean, frame articulation, blade side shift and pitch, front and rear accessories  
 Diagnostics center with 8 quick couplers  
 Movable saddle with 5 service positions and hydraulic lock  
 3.658 x 622 x 22 mm, 12" Blade  
 Hydraulic axial piston pump  
 Hydraulic engine fan

### Brakes

Multidisk oil-bathed service brakes with nitrogen accumulator safety system  
 Disk parking brake integrated into the transmission with warning light

### Tyres

9" single piece rim / 14 x 24 - 12L - G2 tubeless

### Others

Standard tool kit  
 Drawbar / Standard circle

### Axles

"Limited Slip" proportional torque differential (anti-skid system)

### Steering

Hydrostatic steering with integrated emergency system

### Instruments

Electronic Information Center  
 Indicators/gauges:

Tachometer  
 Direction selected F/N/R  
 Transmission modes – automatic/manual  
 Selected gear  
 Engine cooling temperature  
 Fuel level  
 Transmission oil temperature  
 Hydraulic oil temperature  
 Hour Meter  
 Fuel consumption Engine  
 Diagnostics declutch activation indicator  
 Transmission diagnostics

### Indicator lights:

Low fuel level  
 Floodlights  
 High beam  
 Brake pressure  
 Main alert  
 Parking brake

### Sound alerts:

Warning alert  
 Emergency alert  
 Reversing alert

### Electrical system

Lights  
 Front headlight with direction indicators (2)  
 Rear brake light and direction indicators (2)  
 Rear work light on top of the cabin (2)  
 Front work light on top of the cabin (2)  
 24 V system (Two 12 V batteries 12 V / 750 CCA)  
 Electronic system monitoring  
 Horn  
 Hour Meter  
 Reverse alarm

### Transmission

ZF transmission of torque conversion type with lock up (also functions as Direct Drive), Powershift, 6 forward speeds and 3 reverse speeds, automatic gear shift, emergency electrical failure device (Limp-Home)

**All ROPS/FOPS cabins are certified in accordance with the SAE J1040 (ROPS) and SAE J231 (FOPS) standards.**

