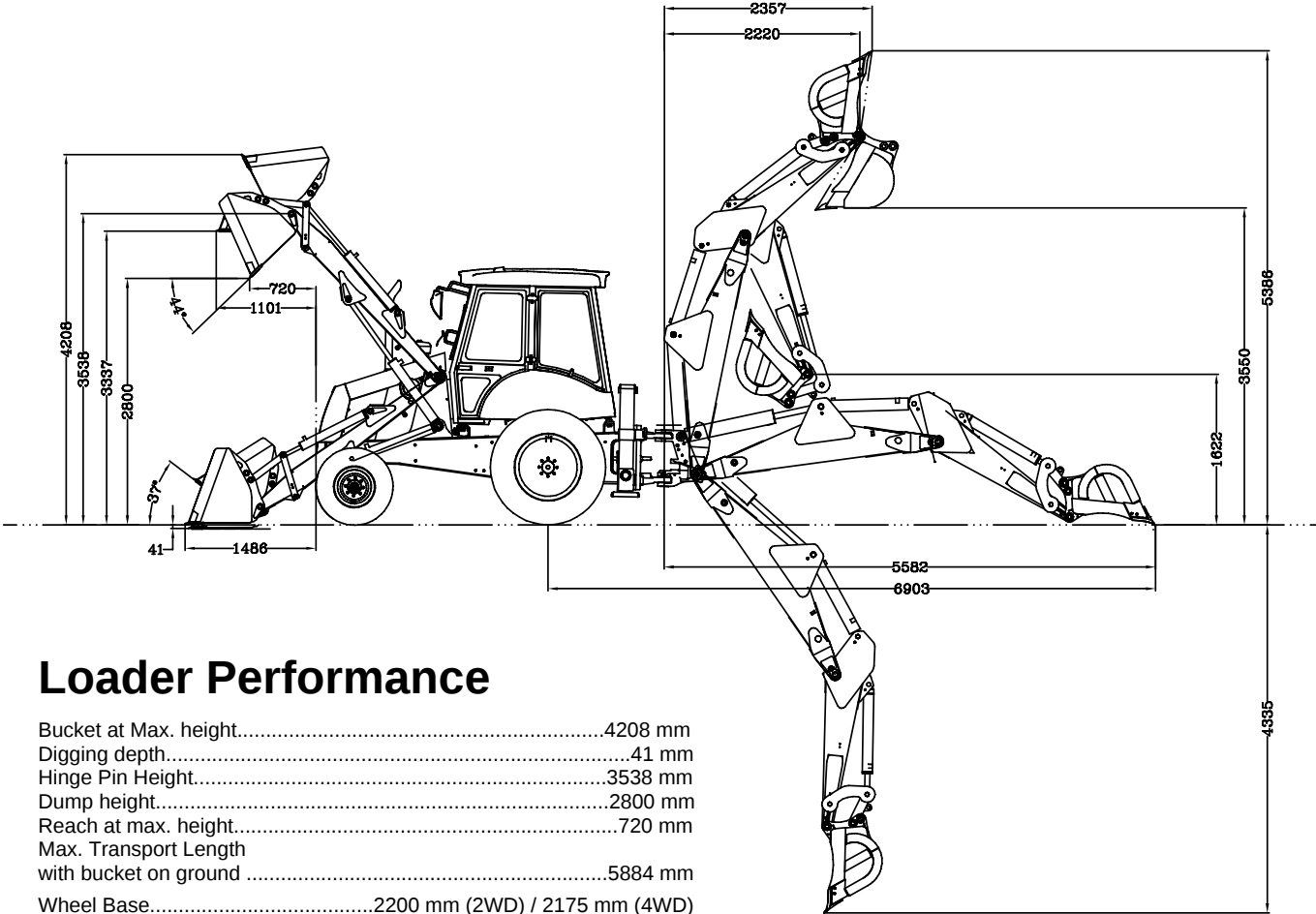




Loader Performance

Bucket at Max. height.....	4208 mm
Digging depth.....	41 mm
Hinge Pin Height.....	3538 mm
Dump height.....	2800 mm
Reach at max. height.....	720 mm
Max. Transport Length with bucket on ground	5884 mm
Wheel Base.....	2200 mm (2WD) / 2175 mm (4WD)
Cab Height.....	2908 mm
Transport height	3887 mm
Transport width.....	2320 mm
Breakout force.....	6314 kg
Lifting capacity at top height.....	3425 kg
LOADER BUCKET	
TYPE.....	1 cu.m.
CAPACITY.....	2215 mm
WIDTH.....	440 kg
WEIGHT WITH TEETH.....	

Operating weight (with 1000 L loader bucket and 240 L B/H bucket, 80 Kg operator and full fuel tank				7500 Kg
Heap capacity SAE J-296 Litres.....				Litres.....Width.....Weight
				80.....305.....117
				120.....457.....141
				175.....610.....161
				240.....762.....185
				- All dimensions in mm

Backhoe Performance

BACKHOE TYPE	2 WD VERSION STANDARD
Loading Reach at max. height.....	2357 mm
Bucket rotation angle.....	204 Deg
Speed Hole.....	160 mm
Power hole.....	5386 mm
Max. cutting height.....	3550 mm
Max. dump height.....	4270 mm
Digging depth (SAE).....	4335 mm
Max. Digging depth.....	5582 mm
Reach from swing centre.....	6903 mm
Reach from rear axle.....	2256 mm
Width at stabilizers (work).....	2320 mm
Width at stabilizers (transport).....	
Breakout force	5630 Kg
Bucket cylinder.....	4120 Kg
Dipper cylinder.....	2080 Kg
Lifting capacity inside dipper stick reach (ISO).....	2100 Kg
Lifting capacity with dipper stick at 3.6 m from ground level (ISO).....	



For further information, please contact:
Case New Holland Construction Equipment (India) Private Limited

Registered Office: B1-207 (IInd Floor), “ Boomerang ” , Chandivali Farm Road,
Near Chandivali Studio, Andheri (East), Mumbai - 400072
Tel. No. (022) 61271839-40 | Fax. No. (022) 6127-1850
Email: CASEIndia@cnh.com, www.casece-india.com

Works: Plot No.157, Industrial Area - III, Pithampur, Pincode - 454 774
Dhar District, Madhya Pradesh, INDIA
Tel. No. (07292) 402900-01 | Fax. No. (07292) 401513

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.
Attachments shown in the pictures in the entire leaflet are not a part of the standard agreement

Authorised Dealer

Specification subject to change without notice due to product upgradation



CASE 851
LOADER BACKHOE



We make machines that build the nation

Specifications

Engine		Axles & Brakes	
Make	: KOEL	Front Axle	: Heavy Duty oscillating 20 Deg type Steering axle
Model	: 4R1040-TA-BS-III	Rear Axle	: Rigid With inboard planetary drives
No. Of Cylinders	: 4 Cylinders, Inline	Wheel Base	: 2200 mm (2WD) 2175 mm (4WD)
Displacement	: 4160 cc	Brakes	: Oil immersed wet disc brakes on rear wheels hydraulically actuated.
Type	: 4 Stroke, Turbo charged Water Cooled, Diesel Engine		
Gross Power	: 96HP @ 2200 RPM as per ISO 3046		
Maximum torque	: 375 Nm @ 1400 RPM		
Electrical System	: 12 V DC		
Battery	: 130 Ah rating		
Alternator	: 65 A rated output		
Transmission		Service refill capacities	
Single stage hydrokinetic type torque converter Shuttle ranger with 4 speed synchromesh gearbox.		Hydraulic system capacity(Main)	: 137 Litres
Travel Speeds with 16.9X28 rear tyres		Fuel Tank	: 127 Litres
Gear Forward/Reverse		Engine Coolant Water	: 20 Litres
		Engine Oil	: 9.5 Litres
		Transmission	: 16 Litres
		Axle	: 22 Litres
I	4.8/5.8		
II	7.8/9.3		
III	16.6/Not Recommended		
IV	29.7/Not Recommended		
Hydraulic System		Steering	
Gear Pump Max. output @ 2200 RPM		Steering	: Hydraulic actuation with Independent Hydraulic Circuit
System Pressure		Steering Gear Pump Max. output @ 2200 RPM	: 22 LPM
		Turning Radius with brake	: 3217mm (Outside Tyre)
		Turning Radius without brake	: 4488mm (Outside Tyre)

Ergonomically designed cabin



Buckets	Capacity (SAE L)	Width (mm)	Wt. (kg)
Loader HD	630	1532	230
Loader HD	760	2277	308
Loader GP	900	2277	365
Loader GP	1000	2277	400
Loader coal handling	1200	2277	435
Loader Garbage handling (without teeth)	1500	2277	480
Bull Clam	1000	2300	560
Trenching	80	305	117
Trenching	120	457	141
Trenching	180	610	161
Trenching	260	762	218
Trapezoidal	300	305	200
Ditch Cleaning (without teeth)	300	895	205



Optional Equipment

- ★ 4-Wheel Drive (4x4 Traction)
- ★ Rockbreaker
- ★ Lifting arrangement
- ★ Extending type dipper
- ★ Bottom dump bucket
- ★ Ripper Tooth
- ★ Backfill blade
- ★ Heavy duty tyres -14X25-20 PR
- ★ Dozer blade
- ★ Lime Stone scraper
- ★ Wood log grapple



Robust Backhoe with side shift mechanism