

TABLE 1 TRUCK CARGO 1 TON GS

DATA SUMMARY

	FORD	IHC
1. Dimensions		
Wheel base	101.625 ins	101.625 ins
Overall length	174 ins	174 ins
Width	84 ins	86.375 ins
Height laden	94 ins	92.75 ins
Unladen	97.5 ins	97.375 ins
Height reducible		
Laden	71.5 ins	68.25 ins
Unladen	74 ins	68.375 ins
Track Front	70.25 ins	68.25 ins
Rear	70.25 ins	70.125 ins
Tray dimensions		
Length	90.25 ins	91 ins
Width	80 ins	79.5 ins
Height of sides	15 ins	14.25 ins
Height of canopy from floor	56 ins	56.25 ins
Height of tray from ground		
Laden	38 ins	36.375 ins
Unladen	41.5 ins	41.25 ins
2. Weight		
Combat laden (GVW)	8210 lbs	8266 lbs
Payload	2000 lbs	2000 lbs
Max trailed load	3500 lbs	3500 lbs
3. Tyres		
Standard	9.00 x 16 8 ply CCND	
Super single	14.75x16 CCND	

/Clearances

		FORD	IHC
4.	Clearances		
	Ground clearance		
	Laden	9.875 ins	9.687 ins
	Unladen	10.125 ins	10.25 ins
	Belly clearance		
	Laden	14.375 ins	14 ins
	Unladen	16.312 ins	14.875 ins
	Break angle		
	Laden	142°	145°
	Unladen	147°	149°
	Angle of approach		
	Laden	38°	36°
	Unladen	39°	45°
	Angle of departure		
	Laden	49°	48°
	Unladen	55°	54°
5.	Engine		
	Type	Ford 250	IHC V304E
	Capacity	250 cu in	304 cu in
	Configuration	6 cyl in line	8 cyl Vee formation
	Max BHP	111 @ 3800 rpm	134 @ 3900 rpm
	Max torque	214 lb ft @ 1600 rpm	228 lb ft @ 2500 rpm
6.	Clutch		
	Type	Repcos 9½ in twin disc, dry plate	Rockwell 11 in dry plate
	Actuation		Hydraulic
7.	Gearbox		Borg Warner T18
	Ratios		
	1st		4.02 : 1
	2nd		2.41 : 1
	3rd		1.41 : 1
	4th		1.00 : 1
	Reverse		4.73 : 1

/Transfer

	FORD	IHC
8.	Transfer case	Sonnerdale Richardson
	ADE(V) 180-2	ADE(V) 190-2
	Radios High	1.00 : 1
	Low	1.88 : 1
	Operation	Cables Hi/lo rod and lever Winch, 4 wheel drive and PTO : hydraulic
9.	Axles	Ford Rockwell
	Ratio	5.83 : 1
	Diff lock operation	Vacuum Hydraulic
10.	Fuel system	
	Type	MT Gas Premium MT Gas standard
	Tanks	2 2
	Capacity	30 gals 24 gals
11.	Air cleaner	Dry element
12.	Brakes Front	Girling twin leading shoe Wagner twin leading shoe
	Rear	Duo Servo
	Power assistance	Vacuum Full power
	Dual circuit	Yes Yes
	Handbrake	Mechanical to rear wheels
	Actuation	Rachet and pawl Overcentre lever
13.	Electrical system	
	Voltage	24
	Terminal earthed	Neg
	Batteries	2x12v 48 amp hr
	Alternator	B.U.T.E.C. Model A4 60 amp
	Trailer connection	12 pin NATO
14.	Towing facilities	Pintle fully rotatable
	Height above ground	
	Laden	29.125 ins 27.25 ins
	Unladen	32.25 ins 30.5 ins

/Steering

	FORD	IHC
15. Steering		
Ratio	27.6 : 1	24:1
Turning circle		
between kerbs		
Left	47ft 7 ins	50ft 2 ins
Right	48 ft 6 ins	49ft 1½ ins
between walls		
Left	50 ft 7 in	52 ft 6 ins
Right	51 ft 6 ins	51 ft 8 ins
16. Personnel		
Crew	1 Driver	
Passenger	9 fully equipped	
17. Winch	Selco	Shute Upton
Capacity	6000 lbs	
Rope length	160 ft	
Rope diam	¾ ins	
Overload protection	Torque limiting face cam loaded by Belleville spring	
Means of resetting	Automatic (driver proof)	