

SHOP EQUIPMENT UTILITY,  
TRUCK MOUNTED, ¾ TON G S

DATA SUMMARY

Reference: TSU Project 233/68.

1. This equipment is used to provide a range of machinery and equipment to enable small groups of detached or independent tradesmen to carry out a greater range of repairs to parent unit equipment than can be done with basic tool kits. It can be used as an independent unit or in conjunction with Shop Equipment Utility, Trailer mounted ½ ton to form a complete unit.



2. *Weights (lbs)*

Unladen — Front axle	1910
— Rear axle	1600
Total unladen weight	3510
Maximum loading	
Front axle	2580
Rear axle	3140
Maximum gross vehicle weight	5720

3. *Wheel size and type*

Single or dual rear	Single
Type	16 in. divided rim
Tyre size	7.50-16; 6 ply
Type	Cross Country, Non-directional

Pressure (lb/sq in.)

On highway	— Front	24
	— Rear	46
Cross country	— Front	18
	— Rear	30
Mud and sand	— Front	14
	— Rear	22

4. *Dimensions*

Length overall	180¾ in.
Width overall	65¼ in.
Height overall	80¾ in.
Shipping tons	13.78
Shipping cubage	551 cu ft
Wheel base	109 in.
Track	51½ in.
Ground clearance	10 in.
Pintle hook height	25¼ in.
Rail gauging	All States

5. *Electrical system*

Type of system	12 V
No. of batteries	one
Capacity	38 AH
Terminal earthed	negative

6. *Lubricants and capacities*

	Type	Capacity
Fuel	MT Gas Standard	20 gal
Cooling System	Water	2.2 gal
Crankcase	OMD-110	11 pt
Axle - Front	OEP-600	3 pt
- Rear	OEP-600	3 pt
Gearbox	OMD-330	2½ pt
Transfer case	OMD-330	4½ pt

7. *Brakes*

Hand type .. . . .	Mechanical, transmission
Foot type .. . . .	Hydraulic

8. *Performance*

Fording depth .. . . .	20 in.
Turning circle .. . . .	48 ft.
Angle of approach .. . . .	40°
Angle of departure .. . . .	28°
Maximum towed load	
Highway .. . . .	2000 lb.
Cross country .. . . .	1800 lb.
Fuel consumption target .. . . .	15 mpg
Range .. . . .	300 miles

9. *Trailer facilities*

Socket type	NATO 12 pin
Pintle hook	rotatable

10. *References*

AC in WM No.	24075
CES	2334
Repair Parts Scale	AUST/MT/147 (chassis only)
Census Code No.	6037

END