

The Grant / Lee Medium Tank



The Grant was first received by the British in 1941 and the Lee in 1942. The Grant was built to British specifications and the Lee was the standard version of the Tank. At the time it gave the British an advantage against the German tanks as its armour was superior and the hull 75mm gun could deal with

German tanks at range but unfortunately this advantage was not put to the most effective use. The Grant was not an ideal tank, the hull armour was riveted and the tank had a very high profile which made the tank a much larger target and the main armament being in the hull also posed problems but the tanks were reliable and served well.

Around 2900 Grant and Lee tanks were received by the British in the Second World War until it was replaced with the Sherman at the end of 1942.

Name	Grant	Lee
Type	Medium Tank	Medium Tank
Crew	6	7
(In turret)	5 (2,3)	5(2,3)
Length	18'-6.25	18'-6.028"
Width	8'-7"	8'-7"
Height	9'-10.5"	10'-2.44"
Weight	29	29
Ground pressure	19.125"	19.125"
Ground clearance		
Track type		
No per track		
Weight of one Track		

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Track width		
Engine		
B.H.P	13.5	13.5
Max road speed		
Average road speed	20.9	20.9
Cross Country Speed		
Gear box type		
Gears		
Fuel consumption (road) – MPG		
Fuel consumption (cross country)		
Petrol		
Auxiliary capacity		
Radius of action (road)	144	144
Radius of action (cross country)		
Trench Crossing		
Vertical obstacle		
Fording height		
Gradient		
Main Armament	75mm	75mm
Ammunition		
Secondary Armament	37mm/.3" Browning	37mm/.3" Browning
Tertiary Armament		.3" Browning
Transverse type	Hand & Hydraulic	Hand & Hydraulic
Max elevation	50	42
Max depression	7	7
Turret Ring Size	54.5	54.5
Optics		

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Armour		
Hull Nose	50.8	50.8
Hull Front (lower)	38.1	38.1
Hull Front	50.8	50.8
Hull Sides Upper	12.7	12.7
Hull Sides Lower	38.1	38.1
Hull Rear	38.1	38.1
Hull Roof (Front)	12.7	12.7
Engine Deck	12.7	12.7
Hull Floor Front	25.4	25.4
Hull Floor (Rear)	12.7	12.7
(37mm)	Cast	
Turret Front	76.2	50.4
Turret Roof	31.75	31.75
Turret Sides	50.8	50.8
Turret Rear	50.8	50.8
(75mm) Turret	50.8	50.8
Cupula		50.8

Sources - WO 194