

Centaur Cruiser Tank (A.27L)

Written by Administrator

Wednesday, 31 December 2008 17:56 - Last Updated Sunday, 12 August 2012 13:43

The Centaur Cruiser tank(A.27(L))



Name	Centaur I	Centaur II	Centaur
Type	Cruiser	Cruiser	Cruiser
Production Date	November 1942	October 1943	N
Crew	5	5	5
(In turret)	3	3	3
Length	20'-9"	20'-9"	21'-4"
Width	9'-6"	9'-6"	9'-6"
Height	7'-9"	7'-9"	7'-9"
Weight	21.15	21.15	21.15
Ground pressure	14.2	13.32	14.2
Ground clearance	1'-4"	1'-4"	1'-4"

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Track type	Webbed & Studed	Webbed & Studed	Webbed & Studed	Webbed & Studed
No per track	126	114	126	114
Weight of one Track	2285	2600	2285	2600
Track width	14"	15.5"	14"	15.5"
Engine	Nuffield Liberty	Nuffield Liberty	Nuffield Liberty	Nuffield Liberty
B.H.P/Ton	14.2	14.2	14.2	14.2
Max road speed	27.3	27.3	27.3	27.3
Average road speed	22.2	22.2	22.2	22.2
Cross Country Speed	12.5	12.5	12.5	12.5
Gear box type	Z5 Constant Mesh	Z5 Constant Mesh	Z5 Constant Mesh	Z5 Constant Mesh
Gears	5 Forward 1 Reverse	5 Forward 1 Reverse	5 Forward 1 Reverse	5 Forward 1 Reverse
Fuel consumption (road) – MPG	1.44	1.44	1.44	1.44
Fuel consumption (cross country)	0.63	0.63	0.63	0.63
Petrol	116	116	116	116
Auxiliary capacity	-	-	-	-
Radius of action (road)	167	167	167	167
Radius of action (cross country)	73	73	73	73
Trench Crossing	N/F	N/F	N/F	N/F
Vertical obstacle	N/F	N/F	N/F	N/F
Fording height	4'-5"	4'-5"	4'-5"	4'-5"
Gradient	N/F	N/F	N/F	N/F
Main Armament	6 Pounder	6 Pounder	75mm	95mm
Ammunition	64	64	64	5
Secondary Armament	2x Besa 7.92	2x Besa 7.92	2x Besa 7.92	2
Ammunition	4950	4950	4950	4

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Transverse type	Hand & Hydraulic	Hand & Hydraulic	Hand & Hydraulic	Hand & Hydraulic
Max elevation	20	20	20	20
Max depression	12.5	12.5	12.5	12.5
Turret Ring Size	57.2	57.2	57.2	57.2
Optics	No.39 No.39 No.50 x 3 No.50 x 3			

Armour Configuration		Type A		Type B
Lower Hull Nose	57(I.T.80)	57(I.T.80)	57(I.T.80)	57(I.T.80)
Upper Hull Nose	20(I.T.80)	25(I.T.80)	25(I.T.80)	25(I.T.80)
Hull Front	64(I.T.80)	64(I.T.80)	64(I.T.80)	64(I.T.80)
Hull Sides Upper	25(I.T.80) + 14(I.T.80)	25(I.T.80) + 14(I.T.80)	25(I.T.80) + 14(I.T.80)	25(I.T.80) + 14(I.T.80)
Hull Sides Lower	25(I.T.80) + 14(I.T.80)	25(I.T.80) + 14(I.T.80)	25(I.T.80) + 14(I.T.80)	25(I.T.80) + 14(I.T.80)
Hull Rear Lower	32(I.T.80)	32(I.T.80)	32(I.T.80)	32(I.T.80)
Hull Rear Upper	38(I.T.80)	38(I.T.80)	25(I.T.80)	25(I.T.80)
Hull Roof (Front)	20(I.T.80)	20(I.T.80)	20(I.T.80)	20(I.T.80)
Engine Deck	14(I.T.80)	14(I.T.80)	14(I.T.80)	14(I.T.80)
Hull Floor Front	8(I.T.100)+6.35(I.T.110)	8(I.T.100)+6.35(I.T.110)	8(I.T.100)+6.35(I.T.110)	8(I.T.100)+6.35(I.T.110)
Hull Floor Rear	6.35(I.T.110)	6.35(I.T.110)	6.35(I.T.110)	6.35(I.T.110)
Turret Front	64(I.T.80)+12.7(I.T.100)	64(I.T.80)+12.7(I.T.100)	64(I.T.80)+12.7(I.T.100)	64(I.T.80)+12.7(I.T.100)
Turret Roof (Front)	20(I.T.80)	20(I.T.80)	20(I.T.80)	20(I.T.80)
Turret Roof (Rear)	20(I.T.80)	20(I.T.80)	20(I.T.80)	20(I.T.80)
Turret Sides	51(I.T.80)+12.7(I.T.100)	51(I.T.80)+12.7(I.T.100)	51(I.T.80)+12.7(I.T.100)	51(I.T.80)+12.7(I.T.100)
Turret Rear	44(I.T.80)+12.7(I.T.100)	44(I.T.80)+12.7(I.T.100)	44(I.T.80)+12.7(I.T.100)	44(I.T.80)+12.7(I.T.100)
Turret Floor	19(I.T.110)	19(I.T.110)	19(I.T.110)	19(I.T.110)

Production of Centaur Tanks by year(UK Only)

	1943	1944	1945	End of May)
Centaur	2126	197	-	-
(Of which 2600)	18	-	-	-
Of which 7577m)	-	-	-	-
Of which 955m)	-	-	-	-
Centaur C.9259-	-	-	-	-
Centaur Polster	100	-	-	-
Centaur Bulldozer	176	-	-	-