

The Covenanter Cruiser Tank (A.13 Mk III)



In 1938 the War Office announced requirements for a heavy cruiser tank, this demand was met by Nuffields with their A16 but this proved to be too expensive and so a cheaper alternative was required. The specifications called for a tank mounting a 2pdr gun, at least 1 machine gun and a 30mm armour standard, the resulting tank was the Cruiser Mk V, known as the Covenanter. Later it was requested to increase the armour basis on the front of the vehicle to a 40mm basis, due to the political situation it was decided to order the vehicles

before the prototype had been delivered. The first prototype was delivered and tested in mid 1940 and was found to be fast but engine overheating was a serious issue.

The Covenanter used a composite armour layout similar to that of the Crusader but instead of using a machineable quality front plate a homogeneous hard plate was used. The armour was also thinner than that of the Crusader and doesn't seem to have been improved throughout each Mark as was done with the Crusader. Armament consisted of a 2pdr gun and a Besa machine gun, CS versions of the tank replaced the 2pdr with a 3" howitzer. The turret ring of the Covenanter was even smaller than that of the Crusaders and was not upgunned to carry a 6pdr as the Crusader did.

The Covenanter suffered from severe engine overheating trouble and even by November 1941 the General Staff stated "*these tanks could no be used in operations abroad*". A program to rework Covenanters and incorporate substantial modifications was scheduled to start in February 1942 but did not commence until May, by then rising Crusader production together with increased availability of U.S. tanks made it unnecessary to use Covenanters in North Africa. Capacity for Covenanters was transferred to other vehicles and so the Covenanter was not used in action.

Covenanter Cruiser Tank

Written by David Boyd

Wednesday, 31 December 2008 17:39 - Last Updated Wednesday, 31 December 2008 17:48

Name	Covenanter	Covenanter	Covenanter	C
Type	Cruiser	Cruiser	Cruiser	C
Production Date	November 1940			
Crew	4	4	4	4
(In turret)	3	3	3	3
Length	19\'	19\'	19\'	1
Width	9\'-1"	9\'-1"	9\'-1"	9
Height	3\'-3.75"	3\'-3.75"	3\'-3.75"	3
Weight	18.15	18.15	18.15	1
Ground pressure	16.5	16.5	16.5	1
Ground clearance	1\'-4"	1\'-4"	1\'-4"	1
Track type	Box Section Spur	Box Section Spur	Box Section Spur	B
No per track	120	120	120	1
Weight of one Track	1360	1360	1360	1
Track width	9.7"	9.7"	9.7"	9
Engine	Meadows D.A.V	Meadows D.A.V	Meadows D.A.V M	
B.H.P/Ton	15.4	15.4	15.4	1
Max road speed	30	30	30	3
Average road speed	25	25	25	2
Cross Country Speed	18.2	18.2	18.2	1
Gear box type	Type 34 Constant	Type 34 Constant	Type 34 Constant	T
Gears	4 Forward 1 Reverse	4 Forward 1 Reverse	4 Forward 1 Reverse	4

Covenanter Cruiser Tank

Written by David Boyd

Wednesday, 31 December 2008 17:39 - Last Updated Wednesday, 31 December 2008 17:48

Fuel consumption (road) – MPG	2	2	2	2
Fuel consumption (cross country)	1.3	1.3	1.3	1.3
Petrol capacity	74	74	74	74
Auxiliary capacity	30	30	30	30
Radius of action (road)	205	205	205	205
Radius of action (cross country)	134	134	134	134
Trench Crossing	7'	7'	7'	7'
Vertical obstacle	2'-6"	2'-6"	2'-6"	2'-6"
Fording height	3'-2"	3'-2"	3'-2"	3'-2"
Main Armament	2 Pounder	2 Pounder	2 Pounder	2 Pounder

[Pounder](#)

Ammunition				
Secondary Armament	Besa 7.92	Besa 7.92	Besa 7.92	Besa 7.92
Ammunition				
Transverse type	Hand & Hydraulic	Hand & Hydraulic	Hand & Hydraulic	Hand & Hydraulic
Max elevation	25	20	20	20
Max depression	20	15	15	15
Turret Ring Size	55.5	55.5	55.5	55.5
Optics	No.30	No.30	No.30	No.30
Armour				
Lower Hull Nose	8(I.T.70)+6.99(I.T.70)	8(I.T.70)+6.99(I.T.70)	8(I.T.70)+6.99(I.T.70)	8(I.T.70)+6.99(I.T.70)
Upper Hull Nose	21(I.T.70)+19.05(I.T.70)	21(I.T.70)+19.05(I.T.70)	21(I.T.70)+19.05(I.T.70)	21(I.T.70)+19.05(I.T.70)
Hull Front	9(I.T.70)+6.99(I.T.70)	9(I.T.70)+6.99(I.T.70)	9(I.T.70)+6.99(I.T.70)	9(I.T.70)+6.99(I.T.70)
Hull Sides	14(I.T.70)+14.29(I.T.70)	14(I.T.70)+14.29(I.T.70)	14(I.T.70)+14.29(I.T.70)	14(I.T.70)+14.29(I.T.70)
Hull Rear	14(I.T.70)+15.88(I.T.70)	14(I.T.70)+15.88(I.T.70)	14(I.T.70)+15.88(I.T.70)	14(I.T.70)+15.88(I.T.70)
Hull Roof (Front)	9(I.T.70)	9(I.T.70)	9(I.T.70)	9(I.T.70)
Engine Deck				

Wednesday, 31 December 2008 17:39 - Last Updated Wednesday, 31 December 2008 17:48

Production of Covenanter Tanks by year (UK Only) 🇬🇧

