

Caption **BA-10**

Origin Russia
Date Jan-39
Threat Value 10

Length 4.8 m
Width 2.0 m
Height 2.3 m

Horsepower 80 hp
Road Speed 55
Offroad Speed 18.3
Reverse Speed 7
Body Mass 5.1 t

Hull Front Armour 16 mm
Hull Side Armour 7 mm
Hull Rear Armour 6 mm
Turret Front Armour 15 mm
Turret Side Armour 6 mm
Turret Rear Armour 6 mm
Top Armour 3 mm

Main Gun

Caliber 45 mm
Muzzle Velocity 760 m/s
Mass of AP Shell 0.963 Kg
Kinetic Energy 0.3 MNs

AP Ammunition 20
HE Ammunition 35

Turret Traverse Speed 30 d/s
Maximum Depression -11
Maximum Elevation 28

Co-axial MG Y
Hull MG N

Bt5,7KV1,A,C,S,85

Caption	BT-5	BT-7	BT-7A	BT-8		
Origin	Russia	Russia	Russia	Russia		
Date	Oct-32	Jun-35	Jan-36	Feb-36		
Threat Value	32	32	32	32		
Length	5.9 m	5.6 m	5.6 m	5.6 m		
Width	3.0 m	2.3 m	2.3 m	2.3 m		
Height	2.2 m	2.4 m	2.4 m	2.4 m		
Horsepower	400 hp	500 hp	500 hp	450 hp		
Road Speed	72	86	86	86		
Offroad Speed	16.5	17.5	17.5	17.5		
Reverse Speed	8	8	8	8		
Body Mass	11.5 t	14 t	14 t	14 t		
Hull Front Armour	18 mm	18 mm	18 mm	28 mm		
Hull Side Armour	18 mm	18 mm	18 mm	28 mm		
Hull Rear Armour	6 mm	6 mm	6 mm	6 mm		
Turret Front Armour	15 mm	15 mm	15 mm	24 mm		
Turret Side Armour	13 mm	13 mm	13 mm	22 mm		
Turret Rear Armour	6 mm	6 mm	6 mm	6 mm		
Top Armour	5 mm	5 mm	5 mm	5 mm		
Main Gun						
Caliber	45 mm	45 mm	76.2mm	45 mm		
Muzzle Velocity	760 m/s	760 m/s	363 mm/s	760 m/s		
Mass of AP Shell	0.963 Kg	0.963 Kg	6.27 Kg	0.963 Kg		
Kinetic Energy	0.3 MNs	0.3 MNs	0.4 MNs	0.3 MNs		
AP Ammunition	40	46	20	52		
HE Ammunition	75	100	40	100		
Turret Traverse Speed	22 d/s	22 d/s	22 d/s	22 d/s		
Maximum Depression	-10	-10	-10	-10		
Maximum Elevation	40	40	40	40		
Co-axial MG	Y	Y	Y	Y		

Bt5,7KV1,A,C,S,85

Hull MG	Y	Y	Y	Y		

Caption	T-34 Model 41	T-34 Model 42	T-34 Model 43	T-34/85 Model 44
Origin	Russia	Russia	Russia	Russia
Date	Jun-40	Jan-41	Jan-42	Mar-44
Threat Value	70	70	70	85
Length	6.6 m	6.6 m	6.6 m	6.6 m
Width	3 m	3 m	3 m	3 m
Height	2.4 m	2.4 m	2.4 m	2.6 m
Horsepower	450 hp	450 hp	450 hp	500 hp
Road Speed	46	55	55	55
Offroad Speed	13.5	16.5	15	16.5
Reverse Speed	5	8.2	7.5	8.2
Body Mass	26.5 t	28.5 t	30.9 t	32 t
Hull Front Armour	94 mm	94 mm	94 mm	90 mm
Hull Side Armour	56 mm	56 mm	57 mm	52 mm
Hull Rear Armour	66 mm	66 mm	66 mm	56 mm
Turret Front Armour	96 mm	96 mm	103 mm	129 mm
Turret Side Armour	65 mm	65 mm	55 mm	103 mm
Turret Rear Armour	45 mm	45 mm	55 mm	76 mm
Top Armour	20 mm	20 mm	25 mm	20 mm
Main Gun				
Caliber	76.2 mm	76.2 mm	76.2 mm	85 mm
Muzzle Velocity	655 m/s	655 m/s	655 m/s	792 m/s
Mass of AP Shell	6.3 Kg	6.3 Kg	6.3 Kg	9.02 Kg
Kinetic Energy	1.35 MNs	1.35 MNs	1.35 MNs	2.8 MNs
AP Ammunition	47	47	44	35
HE Ammunition	30	30	33	20
Turret Traverse Speed	26 d/s	26 d/s	36 d/s	17 d/s
Maximum Depression	-3	-3	-3	-3
Maximum Elevation	30	30	30	30
Co-axial MG	Y	Y	Y	Y
Hull MG	Y	Y	Y	Y

Caption	KV-1 Model 41	KV-1 Model 42	KV- 1 "Skorostnoy"
---------	---------------	---------------	--------------------

Origin	Russia	Russia	Russia
Date	Jan-40	Jan-42	Aug-42
Threat Value	65	65	62

Length	6.7 m	6.8 m	6.8 m
Width	3.3 m	3.3 m	3.3 m
Height	2.7 m	2.7 m	2.7 m

Horsepower	600 hp	600 hp	600 hp
Road Speed	35	28	45
Offroad Speed	8.5	7	12
Reverse Speed	4	3.5	6
Body Mass	43.5 t	47 t	42.5 t

Hull Front Armour	105 mm	145 mm	100 mm
Hull Side Armour	75 mm	110 mm	60 mm
Hull Rear Armour	75 mm	75 mm	50 mm
Turret Front Armour	78 mm	159 mm	109 mm
Turret Side Armour	78 mm	124 mm	85 mm
Turret Rear Armour	78 mm	95 mm	95 mm
Top Armour	40 mm	40 mm	30 mm

Main Gun

Caliber	76.2 mm	76.2 mm	76.2 mm
Muzzle Velocity	655 m/s	655 m/s	655 m/s
Mass of AP Shell	6.3 Kg	6.3 Kg	6.3 Kg
Kinetic Energy	1.35 MNs	1.35 MNs	1.35 MNs

AP Ammunition	50	50	50
HE Ammunition	61	64	64

Turret Traverse Speed	18 d/s	22 d/s	22 d/s
Maximum Depression	-3	-3	-3
Maximum Elevation	30	30	30

Co-axial MG	Y	Y	Y
Hull MG	Y	Y	Y

KV-85 Model43

Russia
Sep-43
75

6.8 m
3.3 m
2.9 m

600 hp
40
10
5
46 t

106 mm
65 mm
67 mm
150 mm
105 mm
127 mm
30 mm

85 mm
792 m/s
9.02 Kg
2.8 MNs

35
35

30 d/s
-3
30

Y
Y

Caption**IS-2 "Iosef Stalin"**

Origin	Russia
Date	Feb-44
Threat Value	90
Length	6.8 m
Width	3.1 m
Height	2.7 m
Horsepower	600 hp
Road Speed	37
Offroad Speed	10
Reverse Speed	5
Body Mass	46.0 t
Hull Front Armour	174 mm
Hull Side Armour	122 mm
Hull Rear Armour	72 mm
Turret Front Armour	160 mm
Turret Side Armour	110 mm
Turret Rear Armour	90 mm
Top Armour	45 mm
Main Gun	122mm L/43 D-25
Caliber	122 mm
Muzzle Velocity	800 m/s
Mass of AP Shell	15 Kg
Kinetic Energy	4.8 MNs
AP Ammunition	18
HE Ammunition	10
Turret Traverse Speed	14 d/s
Maximum Depression	-3
Maximum Elevation	30
Co-axial MG	Y
Hull MG	Y

Caption	SU-85	SU-100	SU-122	SU-152
Origin	Russia	Russia	Russia	Russia
Date	Sep-43	Sep-44	Jan-43	Jun-43
Threat Value	75	77	65	75
Length	6.7 m	6.6 m	6.6 m	6.8 m
Width	3 m	3 m	3 m	3.25 m
Height	2.4 m	2.4 m	2.4 m	2.45 m
Horsepower	500 hp	500 hp	500 hp	600 hp
Road Speed	47	48	55	43
Offroad Speed	14	10	17	11
Reverse Speed	7	5	8	5.5
Body Mass	29.2 t	31.6 t	30.9 t	45.5 t
Hull Front Armour	70mm	121 mm	70 mm	90 mm
Hull Side Armour	48 mm	48 mm	48 mm	65 mm
Hull Rear Armour	59 mm	59 mm	59 mm	80 mm
Top Armour	20 mm	20 mm	20 mm	30 mm
Main Gun				
Caliber	85 mm	100 mm	122 mm	152 mm
Muzzle Velocity	792 m/s	1000 m/s	515 m/s	508 m/s
Mass of AP Shell	9.02 Kg	7 Kg	15 Kg	30.9 Kg
Kinetic Energy	2.8 MNs	3.5 MNs	2 MNs	4 MNs
AP Ammunition	32	24	10	15
HE Ammunition	16	10	30	5
Turret Traverse Sp	14 d/s	14 d/s	14 d/s	14 d/s
Maximum Depressi	-3	-3	-3	-3
Maximum Elevation	20	20	20	20
Co-axial MG	N	N	N	N
Hull MG	Y	Y	Y	N