

<b>Caption</b>	<b>SdKfz 231</b>	<b>SdKfz 234/1</b>	<b>SdKfz 251/1</b>
<b>Origin</b>	German	German	German
<b>Date</b>	Jan-38	Jan-44	Jan-39
<b>Threat Value</b>	15	15	15
<b>Length</b>	5.8 m	5.8 m	6.0 m
<b>Width</b>	2.2 m	2.2 m	2.5 m
<b>Height</b>	2.3 m	2.3 m	1.8 m
<b>Horsepower</b>	310 hp	210 hp	100 hp
<b>Road Speed</b>	85	85	50
<b>Offroad Speed</b>	15.5	15.5	10.5
<b>Reverse Speed</b>	8	8	5
<b>Body Mass</b>	8.3 t	11.5 t	8.5 t
<b>Hull Front Armour</b>	18 mm	35 mm	16 mm
<b>Hull Side Armour</b>	8 mm	8 mm	8 mm
<b>Hull Rear Armour</b>	10 mm	10 mm	8 mm
<b>Turret Front Armour</b>	15 mm	31 mm	
<b>Turret Side Armour</b>	8 mm	8 mm	
<b>Turret Rear Armour</b>	8 mm	8 mm	
<b>Top Armour</b>	6 mm	6 mm	
<b>Main Gun</b>	20mm L/55 KwK 30	20mm L/55 KwK 38	7.92mm MG
<b>Caliber</b>	20 mm	20mm	7.92mm MG
<b>Muzzle Velocity</b>	780 m/s	780 m/s	785 m/s
<b>Mass of AP Shell</b>	0.07 Kg	0.07 Kg	0.005 Kg
<b>Kinetic Energy</b>	0.02 MNs	0.02 MNs	0.003 MNs
<b>AP Ammunition</b>	135	210	n/a
<b>HE Ammunition</b>	55	70	n/a
<b>Turret Traverse Speed</b>	36 d/s	36 d/s	36 d/s
<b>Maximum Depression</b>	-10	-4	-11
<b>Maximum Elevation</b>	26	70	28
<b>Co-axial MG</b>	Y	Y	N
<b>Hull MG</b>	Y	Y	N

Marder, Hetzer, Jagd., StugIIIB, G

<b>Caption</b>	<b>Stug III Ausf B</b>	<b>Stug III Ausf G</b>	<b>Stuh 42</b>
<b>Origin</b>	German	German	German
<b>Date</b>	Jun-40	Jun-42	Oct-42
<b>Threat Value</b>	65	65	65
<b>Length</b>	5.4 m	5.4 m	5.4 m
<b>Width</b>	2.9 m	2.9 m	2.9 m
<b>Height</b>	2.4 m	2.4 m	2.4 m
<b>Horsepower</b>	300 hp	300 hp	300 hp
<b>Road Speed</b>	40	40	40
<b>Offroad Speed</b>	12	12	12
<b>Reverse Speed</b>	6	6	6
<b>Body Mass</b>	22 t	22 t	22 t
<b>Hull Front Armour</b>	68 mm	80 mm	80 mm
<b>Hull Side Armour</b>	30 mm	30 mm	30 mm
<b>Hull Rear Armour</b>	35 mm	30 mm	30 mm
<b>Top Armour</b>	11 mm	30 mm	30 mm
<b>Main Gun</b>	75mm L/24	75mm L/48	105 mm L/28
<b>Caliber</b>	75mm	75 mm	105mm
<b>Muzzle Velocity</b>	690 m/s	790 m/s	540 m/s
<b>Mass of AP Shell</b>	4.4 Kg	6.8 Kg	7.3 Kg
<b>Kinetic Energy</b>	1.05 MNs	2.1 MNs	1.1 MNs
<b>AP Ammunition</b>	11	30	12
<b>HE Ammunition</b>	33	24	24
<b>Turret Traverse Speed</b>	16 d/s	16 d/s	16 d/s
<b>Left Traverse</b>	12.5	30	10
<b>Right Traverse</b>	12.5	30	10
<b>Maximum Depression</b>	-10	-11	-6
<b>Maximum Elevation</b>	20	28	20
<b>Co-axial MG</b>	Y	Y	Y
<b>Hull MG</b>	N		

<b>Caption</b>	<b>Marder II mit 7.5cm KwK</b>	<b>Hetzer</b>	<b>Jagdpanther</b>
<b>Origin</b>	German	German	German
<b>Date</b>	Jun-42	Jun-44	Feb-44
<b>Threat Value</b>	45	65	85
<b>Length</b>	4.5 m	5.0 m	6.9 m
<b>Width</b>	2.2 m	2.7 m	3.3 m
<b>Height</b>	2.7 m	2.5 m	2.7 m
<b>Horsepower</b>	100 hp	160 hp	690 hp
<b>Road Speed</b>	40	40	46
<b>Offroad Speed</b>	9.5	7	12
<b>Reverse Speed</b>	5	3.5	6
<b>Body Mass</b>	10.8 t	16 t	45.5 t
<b>Hull Front Armour</b>	38 mm	80 mm	145 mm
<b>Hull Side Armour</b>	13 mm	30 mm	58 mm
<b>Hull Rear Armour</b>	13 mm	20 mm	49 mm
<b>Top Armour</b>	5 mm	10 mm	25 mm
<b>Main Gun</b>	75mm L/48	75mm L/48	88mm L/71
<b>Caliber</b>	75mm	75mm	88mm
<b>Muzzle Velocity</b>	790 m/s	790 m/s	1000 m/s
<b>Mass of AP Shell</b>	6.8 Kg	6.8 Kg	10.2 Kg
<b>Kinetic Energy</b>	2.1 MNs	2.1 MNs	5.1 MNs
<b>AP Ammunition</b>	25	31	38
<b>HE Ammunition</b>	12	10	19
<b>Turret Traverse Speed</b>	16 d/s	16 d/s	16 d/s
<b>Left Traverse</b>	32.5	5	11
<b>Right Traverse</b>	32.5	11	11
<b>Maximum Depression</b>	-8	-6	-8
<b>Maximum Elevation</b>	19	12	14
<b>Co-axial MG</b>	N	N	Y
<b>Hull MG</b>	N	Y	N

PanzerIII

Caption	Pz 38(t) mit 3.7cm Kanone	Pz III Ausf F	Pz III Ausf G	Pz III Ausf H
<b>Origin</b>	German	German	German	German
<b>Date</b>	Jan-39	Oct-39	Aug-40	Oct-40
<b>Threat Value</b>	30	35	35	35
<b>Length</b>	4.9 m	5.4 m	5.4 m	5.5 m
<b>Width</b>	2.1 m	2.9 m	2.9 m	2.9 m
<b>Height</b>	2.4 m	2.4 m	2.4 m	2.5 m
<b>Horsepower</b>	125 hp	300 hp	300 hp	300 hp
<b>Road Speed</b>	42	40	40	40
<b>Offroad Speed</b>	15	9	9	9
<b>Reverse Speed</b>	7.5	4.5	4.5	4.5
<b>Body Mass</b>	9.7 t	20.3 t	20.3 t	21.6 t
<b>Hull Front Armour</b>	53 mm	31 mm	31 mm	63 mm
<b>Hull Side Armour</b>	23 mm	30 mm	30 mm	30 mm
<b>Hull Rear Armour</b>	18 mm	21 mm	30 mm	61 mm
<b>Turret Front Armour</b>	60 mm	30 mm	36 mm	37 mm
<b>Turret Side Armour</b>	31 mm	33 mm	33 mm	33 mm
<b>Turret Rear Armour</b>	23 mm	32 mm	32 mm	32 mm
<b>Top Armour</b>	15 mm	18 mm	28 mm	18 mm
<b>Main Gun</b>	37mm L/48.7	37mm L/45	50mm L/42	50mm L/42
<b>Caliber</b>	37 mm	37mm	50mm	50mm
<b>Muzzle Velocity</b>	750 m/sec	745 m/s	685 m/s	685 m/s
<b>Mass of AP Shell</b>	0.611 Kg	0.685 Kg	1.67 Kg	1.67 Kg
<b>Kinetic Energy</b>	0.17 MNs	0.19 MNs	0.39 MNs	0.39 MNs
<b>AP Ammunition</b>	50	50	50	59
<b>HE Ammunition</b>	81	81	49	40
<b>Turret Traverse Speed</b>	30 d/s	14 d/s	14 d/s	16 d/s
<b>Maximum Depression</b>	-10	-10	-10	-10
<b>Maximum Elevation</b>	25	20	20	20
<b>Co-axial MG</b>	Y	Y	Y	Y
<b>Hull MG</b>	Y	Y	Y	Y

PanzerIII

Pz III Ausf J	Pz III Ausf L
German	German
Jan-42	Jun-42
38	45
5.4 m	5.4 m
2.9 m	2.9 m
2.5 m	2.5 m
300 hp	300 hp
40	40
9.5	9.5
5	5
22.3 t	22.3 t
52 mm	73 mm
30 mm	30 mm
52 mm	52 mm
50 mm	70 mm
33 mm	33 mm
32 mm	32 mm
10 mm	18 mm
50mm L/60	50mm L/60
50 mm	50mm
835 m/s	835 m/s
1.29 Kg	1.29 Kg
0.45 MNs	0.45 MNs
49	48
30	30
16 d/s	14 d/s
-10	-10
20	20
Y	Y
Y	Y

## PanzerIV

Caption	Pz IV Ausf D	Pz IV Ausf F1	Pz IV Ausf F2	Pz IV Ausf G	Pz IV Ausf H	Pz IV Ausf J
<b>Origin</b>	German	German	German	German	German	German
<b>Date</b>	Nov-39	May-41	Apr-42	Jun-42	May-43	Jul-44
<b>Threat Value</b>	55	55	55	55	60	60
<b>Length</b>	5.9 m	5.9 m	5.9 m	5.9 m	5.9 m	5.9 m
<b>Width</b>	2.9 m	2.9 m	2.9 m	2.9 m	2.9 m	3.2 m
<b>Height</b>	2.7 m	2.7 m	2.7 m	2.7 m	2.7 m	2.7 m
<b>Horsepower</b>	300 hp	300 hp	300 hp	300 hp	300 hp	300 hp
<b>Road Speed</b>	40	40	40	40	38	38
<b>Offroad Speed</b>	8	8	8	8	8	8
<b>Reverse Speed</b>	4	4	4	4	4	4
<b>Body Mass</b>	20 t	22.3 t	23.6 t	22.6 t	25 t	25 t
<b>Hull Front Armour</b>	31 mm	51 mm	51 mm	82 mm	82 mm	82 mm
<b>Hull Side Armour</b>	20 mm	30 mm	30 mm	30 mm	30 mm	38 mm
<b>Hull Rear Armour</b>	15 mm	20 mm	20 mm	20 mm	21 mm	20 mm
<b>Turret Front Armour</b>	30 mm	50 mm	50 mm	50 mm	80 mm	80 mm
<b>Turret Side Armour</b>	22 mm	30 mm	33 mm	33 mm	33 mm	33 mm
<b>Turret Rear Armour</b>	21 mm	30 mm	31 mm	31 mm	30 mm	31 mm
<b>Top Armour</b>	12mm	11 mm	11 mm	25 mm	10 mm	25 mm
<b>Main Gun</b>	75mm L/24	75mm L/24	75mm L/43	75 mm L/43	75mm L/48	75mm L/48
<b>Caliber</b>	75mm	75mm	75mm	75 mm	75mm	75mm
<b>Muzzle Velocity</b>	690 m/s	690 m/s	740 m/s	740 m/s	790 m/s	790 m/s
<b>Mass of AP Shell</b>	4.4 Kg	4.4 Kg	6.8 Kg	6.8 Kg	6.8 Kg	6.8 Kg
<b>Kinetic Energy</b>	1.05 MNs	1.05 MNs	1.9 MNs	1.9 MNs	2.1 MNs	2.1 MNs
<b>AP Ammunition</b>	20	20	30	44	52	52
<b>HE Ammunition</b>	60	60	47	43	35	35
<b>Turret Traverse Speed</b>	14 d/s	14 d/s	14 d/s	14 d/s	14 d/s	7 d/s
<b>Maximum Depression</b>	-8	-8	-8	-8	-8	-8
<b>Maximum Elevation</b>	20	20	20	20	20	20
<b>Co-axial MG</b>	Y	Y	Y	Y	Y	Y
<b>Hull MG</b>	Y	Y	Y	Y	Y	Y

Panther

Caption	Panther Ausf D	Panther Ausf A	Panther Ausf G
<b>Origin</b>	German	German	German
<b>Date</b>	Jun-43	Sep-43	Apr-44
<b>Threat Value</b>	80	80	80
<b>Length</b>	6.8 m	6.8 m	6.8 m
<b>Width</b>	3.4 m	3.4 m	3.4 m
<b>Height</b>	2.9 m	2.9 m	3 m
<b>Horsepower</b>	690 hp	690 hp	690 hp
<b>Road Speed</b>	46	46	46
<b>Offroad Speed</b>	12	12	12
<b>Reverse Speed</b>	6	6	6
<b>Body Mass</b>	43 t	45.5 t	44.8 t
<b>Hull Front Armour</b>	122 mm	122 mm	122 mm
<b>Hull Side Armour</b>	46 mm	46 mm	50 mm
<b>Hull Rear Armour</b>	46 mm	46 mm	46 mm
<b>Turret Front Armour</b>	150 mm	150 mm	150 mm
<b>Turret Side Armour</b>	50 mm	50 mm	50 mm
<b>Turret Rear Armour</b>	50 mm	50 mm	50 mm
<b>Top Armour</b>	16 mm	16 mm	16 mm
<b>Main Gun</b>	75mm L/70	75mm L/70	75mm L/70
<b>Caliber</b>	75 mm	75 mm	75 mm
<b>Muzzle Velocity</b>	925 m/s	925 m/s	925 m/s
<b>Mass of AP Shell</b>	6.8 Kg	6.8 Kg	6.8 Kg
<b>Kinetic Energy</b>	2.9 MNs	2.9 MNs	2.9 MNs
<b>AP Ammunition</b>	40	49	49
<b>HE Ammunition</b>	39	30	32
<b>Turret Traverse Speed</b>	20 d/s	20 d/s	20 d/s
<b>Maximum Depression</b>	-10	-8	-10
<b>Maximum Elevation</b>	15	18	15
<b>Co-axial MG</b>	Y	Y	Y
<b>Hull MG</b>	Y	Y	Y

<b>Caption</b>	<b>Tiger I</b>	<b>Tiger II</b>
<b>Origin</b>	German	German
<b>Date</b>	Aug-42	Feb-44
<b>Threat Value</b>	85	90
<b>Length</b>	6.8 m	7.2 m
<b>Width</b>	3.7 m	3.7 m
<b>Height</b>	2.9 m	3.1 m
<b>Horsepower</b>	700 hp	600 hp
<b>Road Speed</b>	38	38
<b>Offroad Speed</b>	10	8.5
<b>Reverse Speed</b>	5	4
<b>Body Mass</b>	55 t	69.7 t
<b>Hull Front Armour</b>	106 mm	195 mm
<b>Hull Side Armour</b>	80 mm	84 mm
<b>Hull Rear Armour</b>	81 mm	92 mm
<b>Turret Front Armour</b>	138 mm	215 mm
<b>Turret Side Armour</b>	80 mm	86 mm
<b>Turret Rear Armour</b>	80 mm	86 mm
<b>Top Armour</b>	25 mm	40 mm
<b>Main Gun</b>		
<b>Caliber</b>	88 mm	88 mm
<b>Muzzle Velocity</b>	773 m/s	1000 m/s
<b>Mass of AP Shell</b>	10.2 Kg	15 Kg
<b>Kinetic Energy</b>	3.0 MNs	7.5 MNs
<b>AP Ammunition</b>	50	44
<b>HE Ammunition</b>	40	40
<b>Turret Traverse Speed</b>	12 d/s	18 d/s
<b>Maximum Depression</b>	-9	-7.4
<b>Maximum Elevation</b>	10	15
<b>Co-axial MG</b>	Y	Y
<b>Hull MG</b>	Y	Y