

# List of equipment used by Russian separatist forces of the war in Donbas

This is a list of equipment of the armed forces of the Donetsk People's Republic and Luhansk People's Republic currently used in the war in Donbas.

**Note:** List includes equipment operated or captured by the regular Russian military and gifted to the DPR/LPR forces.

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МИНИСТЕРСТВО ОБОРОНЫ  
ДОНЕЦКОЙ НАРОДНОЙ РЕСПУБЛИКИ

DPR Forces Emblem



LPR Forces Emblem

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### **Pistols**

| Name                               | Type                         | Cartridge                | Origin                                                                                                     | Photo                                                                                | Notes                                            |
|------------------------------------|------------------------------|--------------------------|------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------|
| <u>Nagant M1895</u>                | <u>Revolver</u>              | <u>7.62×38mmR</u>        | <br><u>Russian Empire</u> |    | Limited use with a large stock.                  |
| <u>Makarov PM<sup>[1]</sup></u>    | <u>Semi-automatic pistol</u> | <u>9×18mm Makarov</u>    | <br><u>Soviet Union</u>   |    | 8-round magazine. Most commonly used NAF pistol. |
| <u>Stechkin APS<sup>[1]</sup></u>  | <u>Machine pistol</u>        | <u>9×18mm Makarov</u>    | <br><u>Soviet Union</u>   |    | 20-round magazine.                               |
| <u>Tokarev TT-33<sup>[1]</sup></u> | <u>Semi-automatic pistol</u> | <u>7.62×25mm Tokarev</u> | <br><u>Soviet Union</u>   |   | 8-round magazine. Limited usage.                 |
| <u>Fort-12</u>                     | <u>Semi-automatic pistol</u> | <u>9×18mm Makarov</u>    | <br><u>Ukraine</u>      |  | 12-, 13-round magazine.                          |
| <u>GSh-18</u>                      | <u>Semi-automatic pistol</u> | <u>9×19 Parabellum</u>   | <br><u>Russia</u>       |  | Unknown quantity                                 |
| <u>MP-443 Grach</u>                | <u>Semi-automatic pistol</u> | <u>9×19 Parabellum</u>   | <br><u>Russia</u>       |  | Unknown quantity                                 |
| <u>Makarov PMM</u>                 | <u>Semi-automatic pistol</u> | <u>9×18mm Makarov</u>    | <br><u>Russia</u>       |  |                                                  |

## Bolt-action rifles

| Name                                           | Type                     | Cartridge  | Origin                                                                                                     | Photo                                                                              | Notes                                                                           |
|------------------------------------------------|--------------------------|------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| <u>Mosin–Nagant</u><br>M1891/30 <sup>[1]</sup> | <u>Bolt action rifle</u> | 7.62×54mmR | <br><u>Russian Empire</u> |  | 5-round magazine, Equipped with a PU scope becomes sniper rifle. <sup>[1]</sup> |

## Carbines

| Name                             | Type                          | Cartridge         | Origin                                                                                                      | Photo                                                                                | Notes                                                                                                                                                                                                                                                                                                  |
|----------------------------------|-------------------------------|-------------------|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>SKS</u> <sup>[1]</sup>        | <u>Semi-automatic carbine</u> | 7.62×39mm<br>M43  | <br><u>Soviet Union</u>    |    | 10-round magazine.                                                                                                                                                                                                                                                                                     |
| <u>AKS-74U</u> <sup>[2]</sup>    | <u>Carbine</u>                | 5.45×39mm<br>M74  | <br><u>Soviet Union</u>    |   | 30-round magazine.                                                                                                                                                                                                                                                                                     |
| <u>M4 carbine</u> <sup>[1]</sup> | <u>Carbine</u>                | 5.56×45mm<br>NATO | <br><u>United States</u> |  | Captured M4 carbines were displayed by the <u>Sparta Battalion</u> in the Donetsk Airport on 18 January 2015. It is not in the inventory of the Ukrainian Armed Forces, and claimed by the DPR to have been used by Georgian mercenaries in the battle. <sup>[3]</sup> In storage due to lack of ammo. |

## Submachine guns

| Name                          | Type                  | Cartridge                | Origin                                                                                                    | Photo                                                                               | Notes                                                                                                            |
|-------------------------------|-----------------------|--------------------------|-----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| <u>PPSh-41</u> <sup>[1]</sup> | <u>Submachine gun</u> | <u>7.62×25mm Tokarev</u> | <br><u>Soviet Union</u>  |   | 35-round box magazine and 71-round drum magazine. Limited usage in the beginning of the conflict. <sup>[1]</sup> |
| <u>PPS-43</u> <sup>[1]</sup>  | <u>Submachine gun</u> | <u>7.62×25mm Tokarev</u> | <br><u>Soviet Union</u>  |   | 35-round box magazine. Limited usage in the beginning of the conflict. <sup>[1]</sup>                            |
| <u>OTs-02 Kiparis</u>         | <u>Submachine gun</u> | <u>9×18mm Makarov</u>    | <br><u>Soviet Union</u> |  |                                                                                                                  |

## Assault rifles

| Name                            | Type          | Cartridge     | Origin                                                                                           | Photo                                                                                | Notes                                                                                                                                                                  |
|---------------------------------|---------------|---------------|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>AKM / AKS</u> <sup>[1]</sup> | Assault rifle | 7.62×39mm M43 |  Soviet Union   |    | 30-round magazine.                                                                                                                                                     |
| <u>AKMS</u> <sup>[1]</sup>      | Assault rifle | 7.62×39mm M43 |  Soviet Union   |    | 30-round magazine.                                                                                                                                                     |
| <u>AK-74</u> <sup>[1]</sup>     | Assault rifle | 5.45×39mm M74 |  Soviet Union   |    | 30-round magazine.                                                                                                                                                     |
| <u>AKS-74</u> <sup>[1]</sup>    | Assault rifle | 5.45×39mm M74 |  Soviet Union   |    | 30-round magazine.                                                                                                                                                     |
| <u>AS Val</u>                   | Assault rifle | 9×39mm        |  Soviet Union |  | It is produced in Russia and is not known to be in the inventory of the Ukrainian Armed Forces. Filmed as carried by rebels in Luhansk in January 2015. <sup>[4]</sup> |
| <u>AK-74M</u> <sup>[1]</sup>    | Assault rifle | 5.45×39mm M74 |  Russia       |  | 30-round magazine.                                                                                                                                                     |
| <u>AK-103</u>                   | Assault rifle | 7.62×39mm     |  Russia       |  |                                                                                                                                                                        |
| <u>AK-105</u>                   | Assault rifle | 5.45×39mm     |  Russia       |                                                                                      |                                                                                                                                                                        |

|                      |               |                  |                                                                                             |                                                                                    |  |
|----------------------|---------------|------------------|---------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--|
|                      |               |                  |                                                                                             |   |  |
| <u>AK-12</u>         | Assault rifle | <u>5.45×39mm</u> | <br>Russia |  |  |
| <u>Nikonov AN-94</u> | Assault rifle | <u>5.45×39mm</u> | <br>Russia |  |  |

## Sniper rifles

| Name                               | Type                | Cartridge                                                                | Origin                                                                                                     | Photo                                                                                | Notes                   |
|------------------------------------|---------------------|--------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------|
| <u>Dragunov SVD</u> <sup>[1]</sup> | <u>Sniper rifle</u> | <u>7.62×54mmR</u>                                                        | <br><u>Soviet Union</u> |  | 10-round magazine.      |
| <u>VSS Vintorez</u> <sup>[1]</sup> | <u>Sniper rifle</u> | <u>9×39mm</u>                                                            | <br><u>Soviet Union</u> |  | 10-, 20-round magazine. |
| <u>SV-98</u>                       | Sniper rifle        | <u>7.62×51mm NATO</u><br><u>7.62×54mmR</u><br><u>.338 Lapua Magnum</u>   | <br>Russia              |  | Unknown quantity        |
| <u>Orsis T-5000</u>                | Sniper rifle        | <u>7.62×51mm NATO</u><br><u>.338 Lapua Magnum</u><br><u>.375 CheyTac</u> | <br>Russia              |  | Unknown quantity        |

## Anti-materiel rifles

| Name                              | Type                       | Cartridge         | Origin                                                                                                   | Photo                                                                                | Notes                                                                                                                                                                                                                                                        |
|-----------------------------------|----------------------------|-------------------|----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>PTRD</u> <sup>[1]</sup>        | <u>Anti-tank rifle</u>     | <u>14.5×114mm</u> | <br><u>Soviet Union</u> |    | Single-shot reloadable rifle.                                                                                                                                                                                                                                |
| <u>PTRS-41</u> <sup>[1]</sup>     | <u>Anti-tank rifle</u>     | <u>14.5×114mm</u> | <br><u>Soviet Union</u> |    | 5-round magazine.                                                                                                                                                                                                                                            |
| <u>KSVK / ASVK</u> <sup>[1]</sup> | <u>Anti-materiel rifle</u> | <u>12.7×108mm</u> | <br><u>Russia</u>     |  | Introduced for service with Russian forces in 2013. Any exports on this rifle is unknown. The weapon is not in the inventories of Ukrainian government forces, and has not otherwise been documented in the hands of a non-state armed group. <sup>[1]</sup> |

## Machine guns

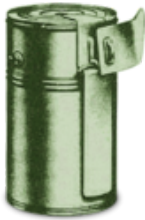
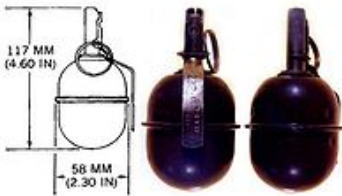
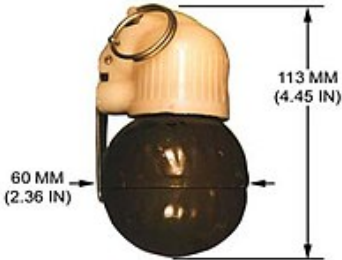
| Name                                                         | Type                               | Cartridge            | Origin                                                                                                     | Photo                                                                                | Notes                                                                                                                                       |
|--------------------------------------------------------------|------------------------------------|----------------------|------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| <u>DP-27</u>                                                 | <u>Light machine gun</u>           | <u>7.62×54mmR</u>    | <br><u>Soviet Union</u>   |    |                                                                                                                                             |
| <u>RPD</u> <sup>[1]</sup>                                    | <u>Light machine gun</u>           | <u>7.62×39mm</u>     | <br><u>Soviet Union</u>   |    | 100-round drum magazine.                                                                                                                    |
| <u>RPK</u> <sup>[1]</sup>                                    | <u>Light machine gun</u>           | <u>7.62×39mm</u>     | <br><u>Soviet Union</u>   |    | 40-round capacity box magazine or 75-round drum magazine.                                                                                   |
| <u>RPK-74</u> <sup>[1]</sup> / <u>RPK-74M</u> <sup>[5]</sup> | <u>Light machine gun</u>           | <u>5.45×39mm M74</u> | <br><u>Soviet Union</u>   |   | 30 or 45-round magazine.                                                                                                                    |
| <u>PK / PKM</u> <sup>[1]</sup>                               | <u>General-purpose machine gun</u> | <u>7.62×54mmR</u>    | <br><u>Soviet Union</u> |  | Belt fed with 100, 200 or 250-round boxes. In Ukraine, the PKM is produced under the name KM-7.62.                                          |
| <u>PKP Pecheneg</u> <sup>[1]</sup>                           | <u>General-purpose machine gun</u> | <u>7.62×54mmR</u>    | <br><u>Russia</u>       |  | PKP is not known to be in service with Ukrainian forces, and has only been exported outside of Russia in limited quantities. <sup>[1]</sup> |
| <u>DShK</u> <sup>[1]</sup>                                   | <u>Heavy machine gun</u>           | <u>12.7×108mm</u>    | <br><u>Soviet Union</u> |  | Belt fed with 50-round boxes.                                                                                                               |
| <u>KPV /</u>                                                 | <u>Heavy</u>                       | <u>14.5×114mm</u>    |                         |                                                                                      | Belt fed with                                                                                                                               |

|                                 |                   |                   |                                                                                                          |                                                                                    |                                                                                                                 |
|---------------------------------|-------------------|-------------------|----------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| <u>KPVT<sup>[1]</sup></u>       | machine gun       |                   | <u>Soviet Union</u>                                                                                      |   | 40 or 50-round boxes.                                                                                           |
| <u>NSV / NSVT<sup>[1]</sup></u> | Heavy machine gun | <u>12.7×108mm</u> | <br><u>Soviet Union</u> |  | Belt fed with 50-round boxes. In Ukraine, the NSV is produced under the name <i>KM-12.7</i> or <i>KT-12.7</i> . |

## Explosives/armor-piercing weapons

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### Grenades and grenade launchers

| Name                            | Type                                 | Diameter | Origin                                                                                                  | Photo                                                                                | Notes                                                                                                                                     |
|---------------------------------|--------------------------------------|----------|---------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <u>RG-41</u> <sup>[1]</sup>     | <u>Fragmentation grenade</u>         | 55mm     |  <u>Soviet Union</u>   |    | 5-meter kill radius. Limited usage.                                                                                                       |
| <u>F-1</u>                      | <u>Fragmentation grenade</u>         | 55mm     |  <u>Soviet Union</u>   |    | Reported to be bombarded on government forces using <u>multirotor unmanned aerial vehicles</u> by pro-Russian separatists. <sup>[6]</sup> |
| <u>RGD-5</u> <sup>[1]</sup>     | <u>Fragmentation grenade</u>         | 58mm     |  <u>Soviet Union</u>   |    | Propels ~350 fragments, 5-meter kill radius, 3.2–4-second fuse.                                                                           |
| <u>RGN</u> <sup>[1]</sup>       | <u>Fragmentation grenade</u>         | 60mm     |  <u>Soviet Union</u> |  | 4–10-meter kill radius, 3.2–4.2-second fuse.                                                                                              |
| <u>GP-25</u> <sup>[1]</sup>     | <u>Under-barrel grenade launcher</u> | 40mm     |  <u>Soviet Union</u> |  | Can be fitted to AK type rifles.                                                                                                          |
| <u>AGS-17</u> <sup>[1][7]</sup> | <u>Automatic grenade launcher</u>    | 30mm     |  <u>Soviet Union</u> |  | Belt fed with 29-round drums, high rate of fire.                                                                                          |

## Mines

| Name                          | Type                                | Detonation              | Origin                                                                                                  | Photo                                                                                | Notes                                                             |
|-------------------------------|-------------------------------------|-------------------------|---------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------|
| <u>MON-50</u> <sup>[8]</sup>  | <u>Anti-personnel mine</u>          | <u>Tripwire/Command</u> |  <u>Soviet Union</u>   |    | Propels ~485/540 steel projectiles to a kill radius of 50 meters. |
| <u>MON-90</u> <sup>[8]</sup>  | <u>Anti-personnel mine</u>          | <u>Tripwire/Command</u> |  <u>Soviet Union</u>   |    | Propels ~2000 steel projectiles to a kill radius of 90 meters.    |
| <u>OZM-72</u> <sup>[8]</sup>  | <u>Anti-personnel bounding mine</u> | <u>Tripwire/Command</u> |  <u>Soviet Union</u>   |    | ~500g TNT, propels ~2400 steel projectiles.                       |
| <u>MON-100</u> <sup>[8]</sup> | <u>Anti-personnel mine</u>          | <u>Pressure</u>         |  <u>Soviet Union</u> |   | Propels ~400 steel projectiles to a kill radius of 100 meters.    |
| <u>TM-62M</u> <sup>[1]</sup>  | <u>Anti-tank mine</u>               | <u>Pressure</u>         |  <u>Soviet Union</u> |  | 7.5 kg TNT.                                                       |

## Anti-tank

| Name                              | Type                                 | Diameter                | Origin                                                                                                  | Photo                                                                                | Notes                                                                                                    |
|-----------------------------------|--------------------------------------|-------------------------|---------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| <u>RPG-7</u> <sup>[1]</sup>       | <u>Rocket-propelled grenade</u>      | Warhead diameter varies |  <u>Soviet Union</u>   |    | Reloadable launcher.                                                                                     |
| TBG-7V                            | <u>Thermobaric warhead for RPG-7</u> | 93mm                    |  <u>Russia</u>         |    | Produced in Russia and never exported to Ukraine. <sup>[9]</sup>                                         |
| <u>RPG-18</u> <sup>[1]</sup>      | <u>Rocket-propelled grenade</u>      | 64mm                    |  <u>Soviet Union</u>   |    | Some of these launchers captured from the separatists were evidently brought from Russia. <sup>[1]</sup> |
| <u>RPG-22</u> <sup>[1]</sup>      | <u>Rocket-propelled grenade</u>      | 72.5mm                  |  <u>Soviet Union</u> |   | Single-shot disposable launcher.                                                                         |
| <u>RPG-26</u> <sup>[1]</sup>      | <u>Rocket-propelled grenade</u>      | 72.5mm                  |  <u>Soviet Union</u> |  | Single-shot disposable launcher.                                                                         |
| <u>SPG-9</u> <sup>[1]</sup>       | <u>Recoilless rifle</u>              | 73mm                    |  <u>Soviet Union</u> |  | Single-shot reloadable launcher.                                                                         |
| <u>9K111 Fagot</u> <sup>[1]</sup> | <u>Anti-tank missile</u>             | 120mm                   |  <u>Soviet Union</u> |  | Wire-guided anti-tank missile system.                                                                    |
| <u>9K115 Metis</u> <sup>[1]</sup> | <u>Anti-tank missile</u>             | 94mm                    |  <u>Soviet Union</u> |                                                                                      | Wire-guided anti-tank                                                                                    |

|                                    |                                 |       |                                                                                                           |                                                                                      |                                                                                                                                                |
|------------------------------------|---------------------------------|-------|-----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
|                                    |                                 |       |                                                                                                           |     | missile system.                                                                                                                                |
| <u>9K114 Shturm</u> <sup>[1]</sup> | Anti-tank missile               | 130mm |  <u>Soviet Union</u>     |    | Wire-guided anti-tank missile system.                                                                                                          |
| <u>9M133 Kornet</u> <sup>[1]</sup> | Anti-tank missile               | 152mm |  <u>Russia</u>           |   | The system components were found discarded on a battlefield near <u>Starobesheve</u> . It has not been exported to Ukraine. <sup>[1][10]</sup> |
| <u>FGM-148 Javelin</u>             | Anti-tank missile               | 127mm |  <u>United States</u>  |  | Many captured from Ukrainian forces during the 2022 offensive operation. <sup>[11]</sup>                                                       |
| <u>NLAW</u>                        | Anti-tank missile               | 150mm |  <u>United Kingdom</u> |  | Many captured from Ukrainian forces during the 2022 offensive operation.                                                                       |
| <u>C90-CR</u>                      | <u>Rocket-propelled grenade</u> | 90mm  |  <u>Spain</u>          |  | Some captured from Ukrainian forces during the 2022 offensive operation.                                                                       |
| <u>Panzerfaust 3</u>               | Anti-tank missile               | 60mm  |  <u>Germany</u>        |  | Many captured from Ukrainian forces during the 2022                                                                                            |

|                |                                            |      |                                                                                                                                                                                                                                                                                                                          |                                                                                      |                                                                          |
|----------------|--------------------------------------------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
|                |                                            |      |                                                                                                                                                                                                                                                                                                                          |                                                                                      | offensive operation.                                                     |
| <u>M72 LAW</u> | <u>Disposable rocket-propelled grenade</u> | 66mm | <br><u>United States</u>                                                                                                                                                                                                                |    | Many captured from Ukrainian forces during the 2022 offensive operation. |
| <u>AT4</u>     | <u>Rocket-propelled grenade</u>            | 83mm | <br><u>Sweden</u>                                                                                                                                                                                                                       |    | Many captured from Ukrainian forces during the 2022 offensive operation. |
| <u>SMAW-D</u>  | <u>Rocket-propelled grenade</u>            | 83mm | <br><u>United States</u>                                                                                                                                                                                                                |   | Some captured from Ukrainian forces during the 2022 offensive operation. |
| <u>MATADOR</u> | <u>Disposable recoilless rifle</u>         | 90mm | <br><u>Germany</u><br><br><u>Israel</u><br><br><u>Singapore</u> |  | Many captured from Ukrainian forces during the 2022 offensive operation. |

## Flamethrowers

| Name                              | Type                          | Diameter | Origin                                                                                                | Photo                                                                              | Notes                                                                                                          |
|-----------------------------------|-------------------------------|----------|-------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| <u>RPO-A Shmel</u> <sup>[1]</sup> | Rocket-propelled flamethrower | 93mm     |  <u>Soviet Union</u> |  | Some of the launchers captured from the separatists were evidently produced in Russia in 2000s. <sup>[1]</sup> |
| <u>MRO-A</u> <sup>[12]</sup>      | Rocket-propelled flamethrower | 72.5mm   |  <u>Russia</u>       |  | It is not known to have been exported outside of Russia. <sup>[1]</sup>                                        |

## Vehicles

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The ongoing war makes the list below include tentative estimates.

### Tanks

| Name                                                 | Type                    | Quantity | Origin                                                                                                     | Photo                                                                                | Notes                                                                                                                                                                                                                                                                                                                                |
|------------------------------------------------------|-------------------------|----------|------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>IS-3</u>                                          | <u>Heavy tank</u>       | 0        | <br><u>Soviet Union</u>   |    | Rebels managed to repair an IS-3 on a World War 2 monument, though the main gun did not function. <sup>[13][14]</sup> The tank was later captured by Ukrainian forces.                                                                                                                                                               |
| <u>T-54</u>                                          | <u>Medium tank</u>      | 2        | <br><u>Soviet Union</u>   |    | Taken from Donetsk historical museum on 7 July 2014. <sup>[15]</sup> A second T54 captured at Azovstal factory.                                                                                                                                                                                                                      |
| <u>T-64/A/B/BV/BM/B1M/BM2</u>                        | <u>Main battle tank</u> | 131+     | <br><u>Soviet Union</u>   |   | Around 46 captured from Ukrainian forces according to the DPR and Russia. <sup>[16]</sup> Some were reportedly supplied from Russia. <sup>[17][18]</sup> Many captured in 2022 <sup>[19]</sup>                                                                                                                                       |
| <u>T-72</u> <sup>[1]</sup> <u>A/Ural/B/B1/BM/AMT</u> | <u>Main battle tank</u> | 49+      | <br><u>Soviet Union</u> |  | Three seen in Sverdlovsk. <sup>[20]</sup><br><sup>[21]</sup> Six seen in 2015. <sup>[22]</sup> Over 34 claimed supplied by Russia. <sup>[23]</sup><br><br>T72BM not exported from Russia. <sup>[17][20]</sup> One seen in convoy in Sverdlovsk. <sup>[20]</sup> A <sup>[5][10][24]</sup> ). Several captured in 2022 <sup>[25]</sup> |
| <u>T-80/BV</u>                                       | <u>Main Battle Tank</u> | 9+       | <br><u>Soviet Union</u> |  | Several captured during 2022 offensive. <sup>[26][27]</sup>                                                                                                                                                                                                                                                                          |

## Infantry fighting vehicles

| Name                                                                   | Type                                        | Quantity | Origin                                                                                                 | Photo                                                                                | Notes                                                                                                                                                                                                                               |
|------------------------------------------------------------------------|---------------------------------------------|----------|--------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| BMP-1 /<br>BMP-1P /<br>BMP-1KSh <sup>[1]</sup><br>/BRM-1K<br>/1TS / 1U | Infantry<br>fighting<br>vehicle             | 52+      | <br>Soviet<br>Union   |    | Around 27 captured from Ukrainian forces during the <u>Battle of Debaltseve</u> . Several captured in 2022 offensive <sup>[28]</sup>                                                                                                |
| BMP-2 <sup>[1]</sup> /<br>BMP-2K /<br>BMP-2D                           | Infantry<br>fighting<br>vehicle             | 113+     | <br>Soviet<br>Union   |    | Around 108 captured from Ukrainian forces. Many captured in 2022 <sup>[29]</sup>                                                                                                                                                    |
| BMD-1 <sup>[1]</sup>                                                   | Airborne<br>infantry<br>fighting<br>vehicle | 1        | <br>Soviet<br>Union   |   | One captured from the <u>25th Airborne Brigade</u> .                                                                                                                                                                                |
| BMD-2 <sup>[1]</sup>                                                   | Airborne<br>infantry<br>fighting<br>vehicle | 3+       | <br>Soviet<br>Union |  | One captured from the <u>25th Airborne Brigade</u> in April 2014 in Sloviansk. Two captured from Ukrainian <u>Airmobile</u> forces and two lost to them in July–September 2014. At least two captured in early 2022 <sup>[30]</sup> |
| BTR-3/BTR-3M2                                                          | Infantry<br>fighting<br>vehicle             | 8+       | <br>Ukraine         |  | At least 7 captured in early 2022 <sup>[31]</sup>                                                                                                                                                                                   |
| BTR-4/K/E <sup>[1]</sup>                                               | Infantry<br>fighting<br>vehicle             | 27+      | <br>Ukraine         |  | Three captured from Ukrainian forces. One BTR-4K captured by the Vostok Battalion from the <u>National Guard of Ukraine</u> . Several                                                                                               |

**Armoured personnel carriers**

| Name                                            | Type                       | Quantity          | Origin                                                                                                       | Photo                                                                                | Notes                                                                                                                                        |
|-------------------------------------------------|----------------------------|-------------------|--------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| BTR-60PB <sup>[1]</sup> /1V18/<br>BTR-60R-145BM | Armoured personnel carrier | 9+                | <br>Soviet Union            |    | Four captured from Ukrainian forces. Several captured in 2022 <sup>[33]</sup>                                                                |
| BTR-70 <sup>[1]</sup>                           | Armoured personnel carrier | 26                | <br>Soviet Union            |    | 14 captured from Ukrainian forces. At least 12 captured in early 2022 <sup>[34]</sup>                                                        |
| BTR-80 <sup>[1]</sup>                           | Armoured personnel carrier | 55+               | <br>Soviet Union            |   | 30 captured from Ukrainian forces. Some were reportedly supplied from Russia. <sup>[35]</sup> Several captured in early 2022 <sup>[36]</sup> |
| MT-LB <sup>[1]</sup>                            | Armoured personnel carrier | 38                | <br>Soviet Union          |  | 32 captured from Ukrainian forces. Some were reportedly supplied from Russia. At least 6 captured in early 2022 <sup>[37]</sup>              |
| 9K114 Shturm                                    | Armoured personnel carrier | 1 <sup>[38]</sup> | <br>Soviet Union          |  |                                                                                                                                              |
| MT-LBu                                          | Armoured personnel carrier | 6+                | <br>Soviet Union          |  | 3 captured from Ukrainian forces. At least 3 captured in early 2022 <sup>[39]</sup>                                                          |
| MT-LBVM <sup>[1]</sup>                          | Armoured personnel carrier | 1+                | <br>Russia <sup>[1]</sup> |                                                                                      | At least one destroyed near Ilovaïsk. <sup>[5]</sup>                                                                                         |
| MT-LBVMK <sup>[1]</sup>                         | Armoured personnel         | 1+                | <br>Russia <sup>[1]</sup> |                                                                                      | At least one destroyed in Ukraine in September                                                                                               |

|                                 |                                           |                   |                                                                                                                   |                                                                                      |                                                                                                                                                                                                                                                  |
|---------------------------------|-------------------------------------------|-------------------|-------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                 | carrier                                   |                   |                                                                                                                   |     | 2014. <sup>[5]</sup>                                                                                                                                                                                                                             |
| <u>MT-LB 6MA</u> <sup>[1]</sup> | Armoured personnel carrier                | 1+                | <br><u>Russia</u> <sup>[1]</sup> |                                                                                      | At least one destroyed near Ilovaisk. <sup>[5]</sup>                                                                                                                                                                                             |
| <u>BTR-7 (BTR-70DI)</u>         | Armoured personnel carrier                | 1                 | <br><u>Ukraine</u>               |    | One captured from Ukrainian forces near Ridkodub, Shakhtarsk Raion.                                                                                                                                                                              |
| <u>BTR-82AM</u> <sup>[1]</sup>  | Armoured personnel carrier <sup>[1]</sup> | 1+                | <br><u>Russia</u>                |   | It was only adopted in Russia in early 2013. It is not known to have been exported to any other country. <sup>[1][5]</sup><br><br>Seen on videos filmed by the separatists. <sup>[5]</sup> Also seen destroyed in Novosvitlivka. <sup>[40]</sup> |
| <u>Vepr AFV</u>                 | Armoured personnel carrier                | 2 <sup>[41]</sup> | <br><u>Ukraine</u>             |                                                                                      |                                                                                                                                                                                                                                                  |
| <u>Vepr MRAP</u>                | Armoured personnel carrier                | 1 <sup>[42]</sup> | <br><u>Ukraine</u>             |                                                                                      |                                                                                                                                                                                                                                                  |
| <u>BTR-D</u>                    | Armoured personnel carrier                | 1 <sup>[43]</sup> | <br><u>Soviet Union</u>        |  |                                                                                                                                                                                                                                                  |
| <u>GT-MU</u>                    | Armoured personnel carrier                | 1 <sup>[44]</sup> | <br><u>Soviet Union</u>        |  |                                                                                                                                                                                                                                                  |
| <u>Saxon</u>                    | Armoured personnel carrier                | 5 <sup>[45]</sup> | <br><u>United Kingdom</u>      |                                                                                      | Several captured in 2022                                                                                                                                                                                                                         |



## Armored scout vehicles

| Name                           | Type                                                     | Quantity            | Origin                                                                                                         | Photo                                                                                | Notes                                                                                                                             |
|--------------------------------|----------------------------------------------------------|---------------------|----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| <u>BRDM-2</u>                  | <u>Amphibious<br/>armoured scout<br/>car</u>             | 34+ <sup>[46]</sup> | <br><u>Soviet<br/>Union</u>   |    |                                                                                                                                   |
| <u>9P148</u>                   | <u>Anti-tank guided<br/>missile launcher<br/>vehicle</u> | 8+                  | <br><u>Soviet<br/>Union</u>   |   | 4 maybe<br>captured<br>from<br>Ukrainian<br>forces near<br>Debaltseve.<br>Several<br>captured in<br>early<br>2022 <sup>[47]</sup> |
| <u>9P157-2</u> <sup>[48]</sup> | <u>Anti-tank guided<br/>missile launcher<br/>vehicle</u> | N/A                 | <br><u>Russia</u>           |  | One used<br>on February<br>28, 2022.                                                                                              |
| <u>BRM-1K</u> <sup>[1]</sup>   | <u>Combat<br/>reconnaissance<br/>vehicle</u>             | 15                  | <br><u>Soviet<br/>Union</u> |  |                                                                                                                                   |
| <u>PRP-4</u>                   | <u>Artillery<br/>reconnaissance<br/>vehicle</u>          | 2                   | <br><u>Soviet<br/>Union</u> |  | Two<br>captured<br>from<br>Ukrainian<br>forces.                                                                                   |

## Armoured recovery vehicles

| Name                         | Type                      | Quantity | Origin                                                                                                                   | Photo                                                                                | Notes                                                                                                                                                  |
|------------------------------|---------------------------|----------|--------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>BREM-1</u> <sup>[1]</sup> | Armoured recovery vehicle | 3+       |  <u>Soviet Union</u>                    |    | Two captured from Ukrainian forces. At least one more captured in 2022 offensives. <sup>[11]</sup> At least one captured in early 2022 <sup>[49]</sup> |
| <u>IMR-2</u> <sup>[1]</sup>  | Armoured recovery vehicle | 3+       |  <u>Soviet Union</u>                    |    | Two captured from Ukrainian forces. At least one captured in early 2022 <sup>[50]</sup>                                                                |
| <u>VT-72B</u>                | Armoured recovery vehicle | 1        |  <u>Czechoslovak Socialist Republic</u> |   | One captured from Ukrainian forces.                                                                                                                    |
| <u>BTS-4</u> <sup>[1]</sup>  | Armoured recovery vehicle | 3+       |  <u>Ukraine</u>                       |  | One captured from Ukrainian forces in the Debaltseve cauldron on 21 February 2015. Once captured in early 2022 <sup>[51]</sup>                         |

## Military engineering vehicles

| Name            | Type                         | Quantity | Origin                                                                                                  | Photo                                                                                | Notes                                                                                     |
|-----------------|------------------------------|----------|---------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| <u>BAT-M</u>    | Military engineering vehicle | 1        |  <u>Soviet Union</u>   |    | Captured near Debaltseve.                                                                 |
| <u>BAT-2</u>    | Combat engineering vehicle   | 4+       |  <u>Soviet Union</u>   |    | Three captured from Ukrainian forces. At least one captured in early 2022 <sup>[52]</sup> |
| <u>TMM-3/M1</u> | Bridgelayer                  | 1        |  <u>Soviet Union</u>   |   | At least one captured in early 2022 <sup>[53]</sup>                                       |
| <u>BMK-150</u>  | Bridgelaying tug             | 1        |  <u>Soviet Union</u> |  | Captured in 2022 <sup>[54]</sup>                                                          |

## Minelayers

| Name                        | Type             | Quantity | Origin                                                                                                  | Photo                                                                                | Notes                                                                                     |
|-----------------------------|------------------|----------|---------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| <u>GMZ-3</u> <sup>[5]</sup> | <u>Minelayer</u> | 1        |  <u>Soviet Union</u> |  | One captured from Ukrainian forces near Dzerkalne, Amvrosiivka Raion on 5 September 2014. |

## Trenchers

| Name                        | Type            | Quantity | Origin                                                                                                   | Photo                                                                              | Notes                                                                                                  |
|-----------------------------|-----------------|----------|----------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| <u>MDK-3</u> <sup>[5]</sup> | <u>Trencher</u> | 2+       | <br><u>Soviet Union</u> |  | One captured from Ukrainian forces. <sup>[5]</sup> At least one captured in early 2022 <sup>[55]</sup> |

**Light armored vehicles**

| Name                                             | Type                               | Quantity | Origin                                                                                             | Photo                                                                                | Notes                                                                                                                                |
|--------------------------------------------------|------------------------------------|----------|----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| <u>Humvee</u>                                    | High-mobility multipurpose vehicle | 20+      | <br>United States |    | Captured in Debaltsevo after being abandoned by Ukrainian forces. <sup>[56]</sup> At least 18 captured in early 2022 <sup>[57]</sup> |
| <u>Triton (armored vehicle)</u>                  | light armoured vehicle             | 4+       | <br>Ukraine       |    | Captured in early 2022 <sup>[58]</sup>                                                                                               |
| <u>KrAZ Cobra</u>                                | light armoured vehicle             | 2+       | <br>Ukraine       |    | Captured in early 2022 <sup>[59]</sup>                                                                                               |
| <u>KrAZ Cougar</u>                               | light armoured vehicle             | 2+       | <br>Ukraine     |   | Captured in early 2022 <sup>[60]</sup>                                                                                               |
| <u>Novator / Varta</u>                           | light armored vehicle              | 19+      | <br>Ukraine     |  | Captured in early 2022 <sup>[61]</sup>                                                                                               |
| <u>Spartan</u>                                   | Light armored vehicle              | 2+       | <br>Ukraine     |  | One captured from the Azov Battalion. At least one more captured during 2022 offensive. <sup>[11]</sup>                              |
| <u>Kozak (armored personnel carrier) /2 /2M1</u> | light armoured vehicle             | 20+      | <br>Ukraine     |                                                                                      | Several captured in early 2022 <sup>[62]</sup>                                                                                       |

|                                                          |                           |     |                                                                                                      |                                                                                      |                                                                                                                                                                                   |
|----------------------------------------------------------|---------------------------|-----|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                          |                           |     |                                                                                                      |     |                                                                                                                                                                                   |
| <u>KrAZ Shrek One</u>                                    | light armoured vehicle    | 1   | <br><u>Ukraine</u>  |    | Captured in early 2022 <sup>[63]</sup>                                                                                                                                            |
| <u>UAZ-23632-148 Esaul</u>                               | Armoured utility vehicle  | 15+ | <br><u>Russia</u>   |   | Photographed by OSCE monitors using a drone at a training area in April 2021.<br><sup>[64]</sup> <sup>[65]</sup>                                                                  |
| <u>GAZ Vodnik</u>                                        | Infantry mobility vehicle | 1+  | <br><u>Russia</u> |  | Seen in Krasnodon. <sup>[66]</sup> <sup>[67]</sup>                                                                                                                                |
| <u>BPM-97<sup>[68]</sup> / Dozor / Dozor-N / Vystrel</u> | Light armored vehicle     | 10+ | <br><u>Russia</u> |  | Four seen in the late December LPR military exercises. <sup>[69]</sup><br>10 vehicles seen in Krasnodon, <sup>[66]</sup> several seen in Luhansk. <sup>[70]</sup> <sup>[71]</sup> |

## Logistics and utility vehicles

| Name                              | Type                                         | Quantity            | Origin                                                                                                                  | Photo                                                                                | Notes                                                |
|-----------------------------------|----------------------------------------------|---------------------|-------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------|
| <a href="#"><u>UAZ-469</u></a>    | <a href="#"><u>Light utility vehicle</u></a> | 2+                  |  <a href="#"><u>Soviet Union</u></a>   |    | Two seen north of Sloviansk. <sup>[72]</sup>         |
| <a href="#"><u>UAZ-452</u></a>    | off-road van                                 | 2+                  |  <a href="#"><u>Soviet Union</u></a>   |    | At least two captured in early 2022 <sup>[73]</sup>  |
| <a href="#"><u>Ural-4320</u></a>  | Medium cargo truck                           | N/A                 |  <a href="#"><u>Soviet Union</u></a>   |    | At least six captured in early 2022 <sup>[74]</sup>  |
| <a href="#"><u>Kamaz-4310</u></a> | Medium cargo truck                           | 80+ <sup>[75]</sup> |  <a href="#"><u>Soviet Union</u></a> |  |                                                      |
| <a href="#"><u>GAZ-66</u></a>     | 4x4 off-road military truck                  | 31+                 |  <a href="#"><u>Soviet Union</u></a> |  | Several captured in early 2022 <sup>[76]</sup>       |
| <a href="#"><u>KrAZ-255</u></a>   | Medium cargo truck                           | 4+                  |  <a href="#"><u>Soviet Union</u></a> |  | At least four captured in early 2022 <sup>[77]</sup> |
| <a href="#"><u>KrAZ-260</u></a>   | Medium cargo truck                           | 2+                  |  <a href="#"><u>Soviet Union</u></a> |                                                                                      | At least two captured in early 2022 <sup>[78]</sup>  |

|                     |                    |     |                                                                                                     |                                                                                      |                                                           |
|---------------------|--------------------|-----|-----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------|
|                     |                    |     |                                                                                                     |     |                                                           |
| <u>KrAZ-6322</u>    | Medium cargo truck | 12+ | <br>Ukraine        |    | At least eleven captured in early 2022 <sup>[79]</sup>    |
| <u>KrAZ-5233</u>    | Medium cargo truck | 8+  | <br>Ukraine        |    | At least eight captured in early 2022 <sup>[80]</sup>     |
| <u>Bogdan-63172</u> | Medium cargo truck | 4+  | <br>Ukraine      |   | At least four captured in early 2022 <sup>[81]</sup>      |
| <u>GAZ-3308</u>     | Medium cargo truck | 1+  | <br>Russia       |  | At least one captured in early 2022 <sup>[82]</sup>       |
| <u>ZiL-131</u>      | Medium cargo truck | 41+ | <br>Soviet Union |  | At least forty one captured in early 2022 <sup>[83]</sup> |
| <u>ZiL-157</u>      | Medium cargo truck | 1+  | <br>Soviet Union |                                                                                      | At least one captured in early 2022 <sup>[84]</sup>       |

|                            |                               |     |                                                                                                            |                                                                                      |                                                                                              |
|----------------------------|-------------------------------|-----|------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
|                            |                               |     |                                                                                                            |     |                                                                                              |
| <u>Ural-375D</u>           | Medium cargo truck            | 18+ | <br><u>Soviet Union</u>   |    | Several captured in early 2022 <sup>[85]</sup>                                               |
| <u>MAZ-537</u>             | truck artillery tractor       | 1+  | <br><u>Soviet Union</u>   |    | At least one captured in early 2022 <sup>[86]</sup>                                          |
| <u>PTS-2<sup>[1]</sup></u> | <u>Amphibious transporter</u> | 21  | <br><u>Soviet Union</u> |   | About 25 were restored from a Lugansk military warehouse. Four captured by Ukrainian forces. |
| <u>Can-Am</u>              | <u>All-terrain vehicle</u>    | 3+  | <br><u>Canada</u>       |  | Seen in Donetsk victory day parade in 2019.                                                  |

## Artillery

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### Mortars

| Name                                   | Type                        | Quantity | Origin                                                                                                     | Photo                                                                                | Notes                                                                                |
|----------------------------------------|-----------------------------|----------|------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| <u>82-BM-37</u> <sup>[1]</sup>         | 82mm <u>infantry mortar</u> | N/A      | <br><u>Soviet Union</u>   |    | At least two reported captured from LDNR forces by Ukrainian Force. <sup>[87]</sup>  |
| <u>120-PM-43 mortar</u> <sup>[1]</sup> | 120-mm infantry mortar      | N/A      | <br><u>Soviet Union</u>   |    |                                                                                      |
| <u>2S12 Sani</u> <sup>[87]</sup>       | 120mm heavy mortar          | N/A      | <br><u>Soviet Union</u>   |   | At least two reported captured from LDNR forces by Ukrainian Forces. <sup>[87]</sup> |
| <u>2B14 Podnos</u> <sup>[7]</sup>      | 82mm infantry mortar        | N/A      | <br><u>Soviet Union</u> |  | Captured from Ukrainian forces.                                                      |
| <u>2B9 Vasilek</u> <sup>[88]</sup>     | 82mm automatic mortar       | N/A      | <br><u>Soviet Union</u> |  | 4-mortar shell cassette.                                                             |
| <u>RM-38</u>                           | 50mm infantry mortar        | 1        | <br><u>Soviet Union</u> |  | Used by the LPR militia, one taken from a warehouse with World War 2 weaponry.       |

## Field artillery

| Name                                          | Type                 | Quantity                | Origin                                                                                              | Photo                                                                                | Notes                                                                                                                                  |
|-----------------------------------------------|----------------------|-------------------------|-----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| <u>BS-3</u> <sup>[1]</sup>                    | 100mm anti-tank gun  | 4+                      | <br>Soviet Union   |    | Used by the LPR militia, one taken from a warehouse with World War 2 weaponry. Limited usage. Several captured in 2022 <sup>[89]</sup> |
| <u>D-20</u>                                   | 152mm howitzer       | 2                       | <br>Soviet Union   |    | Observed by OSCE. <sup>[90]</sup>                                                                                                      |
| <u>MT-12 Rapira</u> <sup>[1]</sup>            | 100mm anti-tank gun  | 24+                     | <br>Soviet Union   |   | Observed by OSCE. <sup>[90]</sup> At east three captured in early 2022 <sup>[91]</sup>                                                 |
| <u>D-30</u> <sup>[1][92]</sup><br>"Lyagushka" | 122mm towed howitzer | 35+ <sup>[93][94]</sup> | <br>Soviet Union |  | Observed by OSCE. <sup>[90]</sup>                                                                                                      |
| <u>2A36 Giatsint-B</u>                        | 152mm howitzer       | 1+                      | <br>Soviet Union |  | Use documented in videos. <sup>[95]</sup>                                                                                              |
| <u>2B16 Nona-K</u> <sup>[1]</sup>             | 120mm anti-tank gun  | 3+                      | <br>Soviet Union |  | At least three documented in use by the LDNR forces. Ukraine reportedly had only two of these before the war. <sup>[96]</sup>          |
| <u>2A65 Msta-B</u> <sup>[1]</sup>             | 152mm howitzer       | 22+                     | <br>Soviet Union |                                                                                      | Observed by OSCE. <sup>[90]</sup> At                                                                                                   |

|  |  |  |  |                                                                                   |                                                      |
|--|--|--|--|-----------------------------------------------------------------------------------|------------------------------------------------------|
|  |  |  |  |  | <p>least 3 captured in early 2022<sup>[97]</sup></p> |
|--|--|--|--|-----------------------------------------------------------------------------------|------------------------------------------------------|

**Self-propelled field artillery**

| Name                                           | Type                             | Quantity | Origin                                                                                                     | Photo                                                                                | Notes                                                                                                     |
|------------------------------------------------|----------------------------------|----------|------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| <u>2S1</u><br><u>Gvozdika</u> <sup>[1]</sup>   | 122mm self-propelled howitzer    | 20+      | <br><u>Soviet Union</u>   |    | At least 8 captured in early 2022 <sup>[98]</sup>                                                         |
| <u>2S3</u><br><u>Akatsiya</u> <sup>[1]</sup>   | 152.4mm self-propelled artillery | 10+      | <br><u>Soviet Union</u>   |    | Observed by OSCE <sup>[90]</sup> At least 3 captured in early 2022 <sup>[99]</sup>                        |
| <u>2S5</u><br><u>Giatsint-S</u> <sup>[1]</sup> | 152mm self-propelled field gun   | 2+       | <br><u>Soviet Union</u>   |   | One captured from Ukrainian forces. At least one captured in early 2022 <sup>[100]</sup>                  |
| <u>2S7 Pion</u>                                | 203 mm self-propelled artillery  | 2+       | <br><u>Soviet Union</u> |  | Two seen in Makiivka. <sup>[101][102]</sup> At least one captured in early 2022 <sup>[103]</sup>          |
| <u>2S9 Nona-S</u> <sup>[1]</sup>               | 120mm self-propelled mortar      | 2        | <br><u>Soviet Union</u> |  | One captured from the 25th Airborne Brigade. One captured by Ukrainian forces on 5 July 2014.             |
| <u>2S19 Msta-S</u> <sup>[1]</sup>              | 152mm self-propelled howitzer    | 3+       | <br><u>Soviet Union</u> |  | Two reportedly captured from Ukrainian forces. One more is suspected to come from Russia. <sup>[71]</sup> |
| <u>2S4</u><br><u>Tyulpan</u>                   | 240mm self-                      | 1+       | <br><u>Soviet</u>       |                                                                                      | One mortar was observed by OSCE                                                                           |

|  |                  |  |              |                                                                                   |                           |
|--|------------------|--|--------------|-----------------------------------------------------------------------------------|---------------------------|
|  | propelled mortar |  | <u>Union</u> |  | in 2015. <sup>[104]</sup> |
|--|------------------|--|--------------|-----------------------------------------------------------------------------------|---------------------------|

## Rocket artillery

| Name                                                            | Type                               | Quantity | Origin                                                                                                                | Photo                                                                                | Notes                                                                                                                                                                                                                                             |
|-----------------------------------------------------------------|------------------------------------|----------|-----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>BM-21 Grad</u><br>(9K51) <sup>[1]</sup> <sup>[105]</sup>     | 122mm multiple rocket launcher     | 20+      | <br><u>Soviet Union</u>              |    | 18 claimed to be captured from Ukrainian forces after battles near the border with Russia. <sup>[106]</sup> At least two captured in early 2022 <sup>[107]</sup>                                                                                  |
| <u>Snezhinka</u> <sup>[108]</sup>                               | 220mm Multiple rocket launcher     | N/A      | <br><u>Donetsk People's Republic</u> |                                                                                      | First unveiled at 2018 victory parade.                                                                                                                                                                                                            |
| <u>Cheburashka</u> <sup>[108]</sup>                             | Multiple rocket launcher           | N/A      | <br><u>Donetsk People's Republic</u> |                                                                                      | First unveiled at 2018 victory parade.                                                                                                                                                                                                            |
| <u>Grad-K</u> <sup>[68]</sup><br>("Grad" on KamAZ-5350 chassis) | 122mm multiple rocket launcher     | N/A      | <br><u>Russia</u>                    |   | The 2B26 machine is a Russian modification of the original BM-21 launcher. It was first produced in 2011. <sup>[109]</sup> It is seen on a video with separatists firing Grads in January 2015. <sup>[68]</sup> <sup>[110]</sup> <sup>[111]</sup> |
| <u>Grad-P</u>                                                   | 122mm light portable rocket system | N/A      | <br><u>Soviet Union</u>            |  | Several seen in several Luhansk region areas. <sup>[112]</sup>                                                                                                                                                                                    |
| <u>BM-27 Uragan</u>                                             | 220mm multiple rocket launcher     | 8+       | <br><u>Soviet Union</u>            |  | Two seen in Khartsyzk in February 2015. <sup>[113]</sup> Three captured in March 2022 <sup>[114]</sup> At least two captured during 2022 offensives. <sup>[115]</sup>                                                                             |
| <u>BM-30 Smerch</u>                                             | 300mm multiple rocket launcher     | 2+       | <br><u>Soviet Union</u>            |  | At least two seen in Makiivka in February 2015. <sup>[116]</sup> <sup>[117]</sup>                                                                                                                                                                 |

|                |                                                       |    |                                                                                            |                                                                                   |                                                                         |
|----------------|-------------------------------------------------------|----|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------|
| TOS-1 Buratino | 220mm multiple rocket launcher and thermobaric weapon | 1+ | <br>Russia |  | Observed in a training area in LPR-controlled Kruhlyk. <sup>[118]</sup> |
|----------------|-------------------------------------------------------|----|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------|

## Air Defences

### Towed anti-aircraft gun

| Name                   | Type                   | Quantity | Origin                                                                                            | Photo                                                                              | Notes                                                  |
|------------------------|------------------------|----------|---------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------|
| ZU-23-2 <sup>[1]</sup> | 23mm anti-aircraft gun | N/A      | <br>Soviet Union |  | Some are mounted on trucks and MT-LBs. <sup>[20]</sup> |

### Air defense vehicles

| Name                                      | Type                                         | Quantity | Origin                                                                                                | Photo                                                                                | Notes                                                                                                                                                                                                                                                                                                            |
|-------------------------------------------|----------------------------------------------|----------|-------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>ZSU-23-4 Shilka</u>                    | Self-propelled anti-aircraft weapon          | 3+       |  <u>Soviet Union</u> |    | At least 3 captured during 2022 offensive. <sup>[119]</sup>                                                                                                                                                                                                                                                      |
| <u>9K33 Osa</u> <sup>[1]</sup>            | 6x6 amphibious surface-to-air missile system | 4+       |  <u>Soviet Union</u> |    | One claimed to be captured from Ukrainian forces in the "southern cauldron". <sup>[1][106]</sup> At least 3 captured in early 2022. <sup>[120]</sup>                                                                                                                                                             |
| <u>9K35 Strela-10</u> <sup>[1][105]</sup> | Short range surface-to-air missile           | 5+       |  <u>Soviet Union</u> |   | One from the Vostok Battalion was seen near the Donetsk Airport in July 2014 nicknamed "Лягушонок" (frogling). <sup>[1][121]</sup> One seen in a Sverdlovsk convoy. <sup>[20]</sup> Another one spotted by OSCE SMM in 2021 near Luhansk. <sup>[122]</sup> At least two captured in early 2022. <sup>[123]</sup> |
| <u>Pantsir-S1</u>                         | Medium range surface-to-air missile          | 1+       |  <u>Russia</u>     |  | It is not known to have been exported to Ukraine. Seen in Luhansk and Makiivka in early 2015. <sup>[68][124][125][126]</sup> Its used rocket components were also reported to be observed in Ukraine in November 2014. <sup>[1]</sup>                                                                            |

## Man-portable air-defense systems

| Name                                | Type                                   | Max. altitude | Origin                                                                                                      | Photo                                                                                | Notes                                                                                                                                                                                                                                        |
|-------------------------------------|----------------------------------------|---------------|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>9K32 Strela-2</u> <sup>[1]</sup> | <u>Man-portable air-defense system</u> | 1500m         | <br><u>Soviet Union</u>    |    | Some Ukrainian stocks of Strela-2s went missing early in the conflict, and are presumably under NAF control. <sup>[1]</sup>                                                                                                                  |
| <u>PPZR Grom</u> <sup>[1]</sup>     | Man-portable air-defense system        | 3500m         | <br><u>Poland</u>          |    | This Polish weapon was reportedly captured from pro-Russian separatists. It was fitted with a Russian-made 9P516 gripstock, designed for the 9K38 Igla. Russian forces are known to have captured some of these from Georgia. <sup>[1]</sup> |
| <u>9K38 Igla</u> <sup>[1]</sup>     | Man-portable air-defense system        | 3500m         | <br><u>Soviet Union</u>  |   | Supplied by Russia (Ukrainian claim). <sup>[1][127][128]</sup> Captured from Ukrainian armouries (DPR claim). <sup>[129]</sup> The system has <u>identification friend or foe</u> system which undermines DPR claims. <sup>[130]</sup>       |
| <u>FIM-92 Stinger</u>               | Man-portable air-defense system        | 3500m         | <br><u>United States</u> |  | Some captured from Ukraine forces during 2022 offensives                                                                                                                                                                                     |

## Electronic warfare

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| Name                                | Type                                                                                                                               | Quantity | Origin                                                                                        | Photo                                                                                | Notes                                                                                                                                                                                                     |
|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|----------|-----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| R-330Zh<br>Zhitel                   | Anti-cellular and satellite communications jamming station                                                                         | 1+       | <br>Russia   |    | One station spotted by a unmanned aerial vehicle of the <a href="#">OSCE Special Monitoring Mission</a> near Michurine in August 2015 and 11 km south of Donetsk city in June 2016. <sup>[131][132]</sup> |
| RB-341V<br>Leer-3                   | Anti-GSM reconnaissance and jamming station, with Orlan-10 drones                                                                  | 1+       | <br>Russia   |    | Spotted by the OSCE SMM near Chornukhyne, 64 km SW of Luhansk on 28 July 2018. <sup>[133]</sup> Observed by OSCE in 2020. <sup>[134]</sup>                                                                |
| R-934B<br>Sinitza                   | Jamming station                                                                                                                    | 1+       | <br>Russia   |                                                                                      | Observed by OSCE in 2020. <sup>[134]</sup>                                                                                                                                                                |
| RB-636<br>Svet-KU                   | Radio control and information protection system                                                                                    | 1+       | <br>Russia |                                                                                      | Observed by OSCE in 2020. <sup>[134]</sup>                                                                                                                                                                |
| 1L269<br><a href="#">Krasukha-2</a> | Anti-air jamming station                                                                                                           | 1+       | <br>Russia |  | Spotted by the OSCE SMM near Chornukhyne, 64 km SW of Luhansk on 28 July 2018. <sup>[133]</sup>                                                                                                           |
| RB-109A<br>Bylina                   | Brigade-level electronic warfare automated control system                                                                          | 1+       | <br>Russia |                                                                                      | Spotted by the OSCE SMM near Chornukhyne, 64 km SW of Luhansk on 28 July 2018. <sup>[133]</sup>                                                                                                           |
| Repellent-1                         | Anti-drone electronic warfare system                                                                                               | 1+       | <br>Russia |                                                                                      | Spotted by the OSCE SMM near Chornukhyne, 64 km SW of Luhansk on 28 July 2018. <sup>[133]</sup>                                                                                                           |
| 51U6<br>Kasta-2E1                   | C-band ultra-high frequency (300 MHz-1 GHz) 2D target acquisition radar designed to acquire the range and heading of small targets | 1        | <br>Russia |                                                                                      | Observed at a training area near Buhaivka, 37 km southwest of Luhansk by OSCE SMM drone. <sup>[122]</sup>                                                                                                 |

|  |                                                                            |  |  |  |  |
|--|----------------------------------------------------------------------------|--|--|--|--|
|  | flying at low altitudes.<br>Installed on KamAZ-43114 6×6 off-road chassis. |  |  |  |  |
|--|----------------------------------------------------------------------------|--|--|--|--|

## Aircraft

### Combat jets

| Name                                     | Type                                            | Quantity | Origin                                                                                                                      | Photo                                                                              | Notes                                                                                                                                                                                                                                                                                           |
|------------------------------------------|-------------------------------------------------|----------|-----------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>Aero L-29 Delfin</u> <sup>[135]</sup> | Military trainer aircraft/Light attack aircraft | 2+       | <br><u>Czechoslovak Socialist Republic</u> |  | At least one plane retrofited from <u>Lugansk museum</u> . <sup>[136]</sup> <sup>[137]</sup><br>On 19 January 2015, a LPR militia video showed a Georgian volunteer test driving a operational L-29 on a runway. <sup>[138]</sup><br>In 2018, one L-29 was displayed in Donetsk on Victory Day. |

### Helicopters

| Name        | Type                       | Quantity | Origin                                                                                                     | Photo                                                                                | Notes                             |
|-------------|----------------------------|----------|------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------|
| <u>Mi-2</u> | Small transport helicopter | 2        | <br><u>Soviet Union</u> |  | Captured in 2022 <sup>[139]</sup> |

### Unmanned aerial vehicles

| Name                                            | Quantity | Origin                                                                                                                                                                                     | Photo                                                                                | Notes                                                                                                                                                |
|-------------------------------------------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Eleron-3SV <sup>[140][141][142][143][144]</sup> | N/A      | <br>Russia                                                                                                |    |                                                                                                                                                      |
| Forpost (IAI Searcher) <sup>[141]</sup>         | N/A      | <br>Israel<br><br>Russia |    | Five unmanned aerial vehicles shot down by Ukrainian forces. <sup>[145][146][147]</sup>                                                              |
| Granat-1 <sup>[148]</sup>                       | N/A      | <br>Russia                                                                                                |    |                                                                                                                                                      |
| Granat-2 <sup>[141]</sup>                       | N/A      | <br>Russia                                                                                              |  |                                                                                                                                                      |
| Granat-4 <sup>[149]</sup>                       | N/A      | <br>Russia                                                                                              |  |                                                                                                                                                      |
| Navodchik-2 <sup>[150]</sup>                    | N/A      | <br>Russia                                                                                              |                                                                                      | Ground control station                                                                                                                               |
| Orlan-10 <sup>[1][141]</sup>                    | 6+       | <br>Russia                                                                                              |  | Four shot down by Ukrainian forces in 2014 <sup>[1][151]</sup> and one in 2016. Another one crashed on Ukrainian territory in 2017. <sup>[152]</sup> |
| Takhion <sup>[153]</sup>                        | N/A      | <br>Russia                                                                                              |                                                                                      |                                                                                                                                                      |

|                                                              |     |                                                                                                                                                                                                |                                                                                      |                                                                                                                                             |
|--------------------------------------------------------------|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
|                                                              |     |                                                                                                                                                                                                |     |                                                                                                                                             |
| Zala 421-04M <sup>[154]</sup>                                | N/A | <br>Russia                                                                                                    |    |                                                                                                                                             |
| Zastava (IAI Bird-Eye 400) <sup>[155][141][156]</sup>        | N/A | <br>Israel<br><br>Russia |  |                                                                                                                                             |
| Unknown unmanned aerial vehicle number 2166 <sup>[141]</sup> | N/A | <br>Russia                                                                                                  |                                                                                      |                                                                                                                                             |
| Unknown unmanned aerial vehicle number 2207 <sup>[141]</sup> | N/A | <br>Russia                                                                                                  |                                                                                      |                                                                                                                                             |
| Non-military unmanned aerial vehicle                         | N/A |                                                                                                                                                                                                |  | Quadcopters, fixed-wing drones. <sup>[141]</sup> One used by the rebels during the <u>Second Battle of Donetsk Airport</u> . <sup>[1]</sup> |
| Leleka-100 <sup>[157]</sup>                                  | 2+  | <br>Ukraine                                                                                                 |  | At least two captured during early 2022.                                                                                                    |

|                                          |   |                                                                                              |                                                                                   |  |
|------------------------------------------|---|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--|
| <u>Spaitech Sparrow</u> <sup>[158]</sup> | 1 | <br>Ukraine  |  |  |
| <u>A1-SM Fury</u> <sup>[159]</sup>       | 1 | <br>Ukraine |                                                                                   |  |

## **Ships**

| Name | Type             | Quantity            | Origin | Photo                                                                              | Notes                                                                     |
|------|------------------|---------------------|--------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
|      | <u>Motorboat</u> | 25 <sup>[160]</sup> |        |  | Used by 9th Regiment of the Marine Corps in Sea of Azov. <sup>[160]</sup> |

## **See also**

- List of Russo-Ukrainian conflict military equipment
- List of equipment of the Ukrainian Ground Forces
- List of equipment of the Russian Ground Forces

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