

German machine trade

December 2022

Period	Export				Import			
	bn EUR		%-change yoy		bn EUR		%-change yoy	
	2021	2022	nominal	real	2021	2022	nominal	real
December	15.4	16.9	9.8	0.8	6.8	7.0	3.1	-4.2
October-December	46.3	50.7	9.3	0.2	20.9	23.3	11.5	3.1
January-December	181.3	192.4	6.1	-1.3	81.2	91.1	12.2	3.9

Source: Federal Statistical Office Germany, VDMA

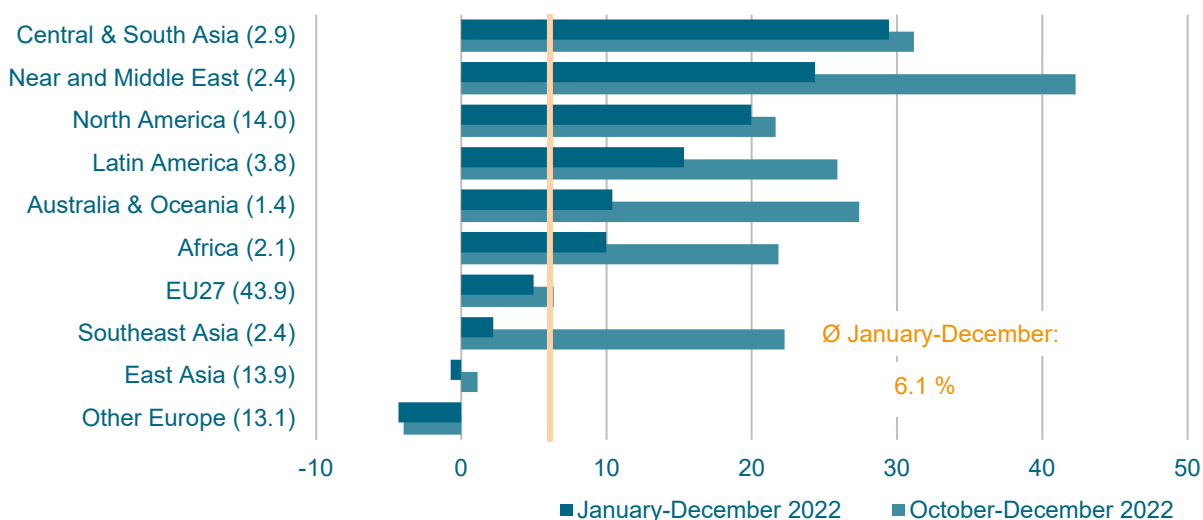
Machinery exports to reach peak in 2022

German machinery and equipment manufacturers increased their exports by 6.1 percent in nominal terms in 2022. The sector's exports reached a record high of 192.4 billion euros. In real terms, however, machinery exports were 1.3 percent down on the previous year. Towards the end of the year, disruptions in global supply chains continued to ease. This led to strong export growth of 9.3 percent in nominal terms in the fourth quarter. Exports to the largest export market, the US, rose by 20 percent in nominal terms. However, exports to China fell by 2.3 percent in nominal terms. Machinery exporters shipped 5.0 percent more to the EU-27 in nominal terms than in 2021. Exports to Russia almost halved (-49.4 percent). Russia slipped from ninth to 19th place in the export ranking, accounting for 1.4 percent of total exports. India increased its share and now ranks 14th thanks to strong growth of 28.2 percent.

German machinery exports by region

Region (relevance*)

Changes to previous year in %



Source: Federal Statistical Office Germany, VDMA

*) Shares in total machinery exports in %, January-December 2022.

German machine trade

January - December 2022

Export	m EUR	2022/21 in %	shares in %	Import	m EUR	2022/21 in %	shares in %
by country of destination				by country of origin			
1. USA	24,849.4	20.0	12.9	1. China	12,023.4	22.7	13.2
2. China	18,894.6	-2.3	9.8	2. Italy	7,795.3	6.9	8.6
3. France	12,948.2	5.2	6.7	3. USA	6,398.9	23.2	7.0
4. Italy	9,609.5	9.0	5.0	4. Czech Republic	5,737.6	15.8	6.3
5. Netherlands	8,542.3	6.1	4.4	5. Switzerland	5,594.5	8.0	6.1
6. United Kingdom	8,264.7	9.7	4.3	6. Poland	5,176.9	17.2	5.7
7. Poland	8,092.1	3.8	4.2	7. France	5,129.9	5.0	5.6
8. Austria	7,800.5	1.1	4.1	8. Austria	4,918.4	7.9	5.4
9. Switzerland	6,083.2	11.8	3.2	9. Japan	3,974.1	11.2	4.4
10. Czech Republic	5,686.7	3.0	3.0	10. Netherlands	3,543.4	0.2	3.9
11. Spain	5,029.6	7.9	2.6	11. United Kingdom	2,881.2	11.9	3.2
12. Turkey	4,827.5	20.8	2.5	12. Hungary	2,853.0	10.1	3.1
13. Belgium	4,690.0	4.3	2.4	13. Slovakia	2,175.5	12.1	2.4
14. India	3,870.4	28.2	2.0	14. Sweden	1,906.5	-3.9	2.1
15. Hungary	3,789.3	11.3	2.0	15. Belgium	1,864.8	6.3	2.0
16. Sweden	3,764.1	0.0	2.0	16. Turkey	1,771.6	39.8	1.9
17. Rep. of Korea	3,089.8	5.4	1.6	17. Romania	1,595.1	5.5	1.8
18. Mexico	2,824.8	20.5	1.5	18. Spain	1,465.7	2.1	1.6
19. Russian Fed.	2,759.7	-49.4	1.4	19. Denmark	1,445.5	17.4	1.6
20. Denmark	2,482.4	0.6	1.3	20. India	1,356.7	38.5	1.5
by country group							
Europe	109,705.9	2.7	57.0	Europe	60,579.1	8.2	66.5
EU27	84,424.8	5.0	43.9	EU27	49,424.8	8.3	54.2
Other Europe	25,281.0	-4.3	13.1	Other Europe	11,154.3	7.3	12.2
America	34,297.6	18.9	17.8	America	7,313.7	23.6	8.0
North America	26,892.7	20.0	14.0	North America	6,740.4	23.6	7.4
Latin America	7,405.0	15.3	3.8	Latin America	573.3	24.1	0.6
Asia	41,450.7	5.3	21.5	Asia	21,826.2	22.2	24.0
Near and Middle East	4,687.3	24.4	2.4	Near and Middle East	365.5	10.9	0.4
Central & South Asia	5,512.3	29.5	2.9	Central & South Asia	1,415.5	40.0	1.6
East Asia	26,723.4	-0.7	13.9	East Asia	18,117.9	20.9	19.9
Southeast Asia	4,527.6	2.2	2.4	Southeast Asia	1,927.3	25.0	2.1
Africa	4,044.9	10.0	2.1	Africa	1,325.0	-1.7	1.5
Australia & Oceania	2,783.9	10.4	1.4	Australia & Oceania	75.0	-1.2	0.1
EU27	84,424.8	5.0	43.9	EU27	49,424.8	8.3	54.2
EURO19	57,296.6	5.6	29.8	EURO19	30,061.5	6.1	33.0
NAFTA	29,714.8	20.0	15.4	NAFTA	7,107.9	24.1	7.8
MERCOSUR	2,870.1	9.7	1.5	MERCOSUR	190.2	10.2	0.2
ASEAN	4,527.6	2.2	2.4	ASEAN	1,927.3	25.0	2.1
OPEC	3,684.1	21.2	1.9	OPEC	65.2	60.3	0.1
by sectors							
1. Power Transmiss. Engineering	17,160.8	5.3	8.9	1. Air-handling Technology	11,724.3	8.3	12.9
2. Air-handling Technology	14,927.8	11.3	7.8	2. Power Transmiss. Engineering	10,138.7	15.0	11.1
3. Materials Handl. Technol.	14,854.0	9.9	7.7	3. Constr. Equip. & Build. Mater. Mach.	6,435.0	12.9	7.1
4. Agricultural Machinery	14,789.4	15.9	7.7	4. Valves and Fittings	6,116.8	14.0	6.7
5. Constr. Equip. & Build. Mater. Mach.	11,065.4	5.9	5.8	5. Agricultural Machinery	5,493.2	17.7	6.0
6. Valves and Fittings	10,366.5	5.9	5.4	6. Materials Handl. Technol.	5,424.6	13.6	6.0
7. Food Process. & Packag. Mach.	8,917.7	-1.7	4.6	7. Fluid Power Equipment	4,275.8	18.8	4.7
8. Machine Tools	8,558.2	6.8	4.4	8. Precision Tools	3,604.3	4.0	4.0
9. Fluid Power Equipment	7,874.3	5.4	4.1	9. Machine Tools	3,412.9	15.4	3.7
10. Process Plant & Equipm.	7,461.8	14.2	3.9	10. Pumps	3,185.1	11.7	3.5
11. Precision Tools	6,256.0	3.4	3.3	11. Compress.,Compress.Air, Vac.Tech	2,838.2	7.0	3.1
12. Pumps	6,059.3	2.1	3.1	12. Process Plant & Equipm.	2,817.1	13.8	3.1

Source: Federal Statistical Office Germany, VDMA