

EUROFORGE

PRODUCTION VOLUME OF FORGINGS (metric net tons x 1000)	Germany		Italy		France		Spain		United Kingdom		Sweden		Czech Republic		Poland		Slovenia		Finland		Turkey		Euroforge	
	2023	FC 2024	2023	FC 2024	2023	FC 2024	2023	FC 2024	2023	FC 2024	2023	FC 2024	2023	FC 2024	2023	FC 2024	2023	FC 2024	2023	FC 2024	2023	FC 2024	2023	FC 2024
CLOSED DIE FORGING TOTAL	1.398	1.325	930	790	266	257	280	269	206	208	62	58	76	73	203	173	62	67	20	20	267	242	3.770	3.409
of which production of forging industry (subcontracting)	1.043	995	790	700			256	245	168	169	62	58	34	31			59	64	20	20	242	219	2.674	2.501
of which inhouse production of the automotive industry	160	155											34	34									194	189
of which inhouse production of the finished assembly subcontracting	85	75	70	45									8	8			3	3			25	23	191	154
of which catalogue items (flanges+fittings, pipes, connectors, armatures, tools, etc.)	110	100	70	45			24	24	38	39													242	208
COLD FORGING TOTAL	406	422	0	0	34	33	22	20	4	6	0	0	0	0	0	0	0	0	0	0	5	4	471	485
of which production of cold forging industry (subcontracting)	326	342					22	20	4	6											5	4	357	372
of which inhouse production of final customer industries	80	80																					80	80
OPEN DIE FORGING TOTAL	303	258	240	230	55	53	6	6	29	30	153	153	177	178	116	102	0	0	9	9	67	55	1.155	1.074
of which ring rolling	136	116	65	60			3	3			9	9	23	24							22	20	258	232
of which other open die forging (excluding steel bars, blanks and railway stacks)	167	142	175	170			3	3	29	30	144	144	154	154					9	9	45	35	726	687
CLOSE DIE FORGING NON-FERROUS	54	50			141	137							32	34									227	221
TOTAL FORGING PRODUCTION VOLUME	2.161	2.055	1.170	1.020	496	480	308	295	239	244	215	211	285	285	319	275	62	67	29	29	339	301	5.623	5.262
Change to previous year (%)	-2%	-5%	-5%	-13%	2%	-3%	2%	-4%	4%	2%	-8%	-2%	1%	0%	7%	-14%	5%	8%	4%	0%	27%	-11%	2%	-6%
NB OF FORGE PLANTS	230	228	85	85	73	73	32	32	43	42	8	8	19	19	31	31	4	4	6	6	34	35	565	563
NB OF EMPLOYEES	30.700	30.500	9.800	9.500	7.425	7.425	2.889	2.850	5.525	5.450	950	950	3.245	3.143	2.980	3.900	795	780	94	94	2.700	2.650	67.103	67.242

ForgeNet International Global survey 2023 / FC 2024

PRODUCTION VOLUME OF FORGINGS (metric net tons x 1000)	EUROFORGE countries		Japan		USA, Canada, Mexico*		China		India		Brazil*		Korea		Taiwan		Total	
	2023	FC 2024	2023	FC 2024	2023	FC 2024	2023	FC 2024	2023	FC 2024	2023	FC 2024	2023	FC 2024	2023	FC 2024	2023	FC 2024
CLOSED DIE FORGING TOTAL	3.770	3.409	1.877	1.802	2.404	2.404	8.609	8.200	1.750	1.985	498	498	1.535	1.500	760	650	21.203	20.448
of which production of forging industry (subcontracting)	2.674	2.501	1.661	1.595					1.750	1.985	460	460	1.535	1.500	760	650	8.840	8.691
of which inhouse production of the automotive industry	194	189	216	207													410	396
of which inhouse production of the finished assembly subcontracting	191	154									36	36					227	190
of which catalogue items (flanges+ittings, pipes, connectors, armatures, tools, etc.)	242	208									2	2					244	210
COLD FORGING TOTAL	471	485	95	91	0	0	0	0	250	300	3	3	152	150	76	65	1.047	1.094
of which production of cold forging industry (subcontracting)	357	372							250	300	2	2	152	150	76	65	837	889
of which inhouse production of final customer industries	80	80									1	1					81	81
OPEN DIE FORGING TOTAL	1.155	1.074	362	348	514	514	5.099	5.150	520	640	0	0	0	0	15	14	7.665	7.740
of which ring rolling	258	232	249	239	348	348	1.091	1.100	146	166					6	5	2.098	2.090
of which other open die forging (excluding steel bars, blanks and railway stacks)	726	687	113	108	166	166	4.008	4.050	374	474					9	9	5.396	5.494
CLOSE DIE FORGING NON-FERROUS	227	221	62	60					155	175			70	75	20	20	534	551
TOTAL FORGING PRODUCTION VOLUME	5.623	5.262	2.396	2.300	2.918	2.918	13.708	13.350	2.680	3.100	501	501	1.757	1.725	871	749	30.454	29.905
Change to previous year (%)	2%	-6%	1%	-4%	0%	0%	4%	-3%	15%	16%	0%	0%	7%	-2%	-4%	-14%	1%	-2%
NB OF FORGE PLANTS	565	563	323	323	490	490	460	450	435	435	37	37	100	100	200	180	2.610	2.578
NB OF EMPLOYEES	67.103	66.742	15.283	15.283	32.400	32.400	12.260	12.000	340.000	355.000	14.000	14.000	6.750	6.500	12.000	10.000	499.796	511.925

* Estimate based on data from 2023 due to missing data reporting.