

List of Formula One engine manufacturers

The following is a **list of Formula One engine manufacturers**. In Formula One motor racing, engine or power unit manufacturers are people or corporate entities which are credited as the make of Formula One engines that have competed or are intended to compete in the FIA Formula One World Championship. A constructor of an engine owns the intellectual rights to its engine.^[1]

2023 engine manufacturers

Correct as of the 2023 Abu Dhabi Grand Prix
































Key: **Races Entered** = Number of individual races entered; **Races Started** = Number of individual races started; **Wins** = Number of races won; **Points** = Number of World Constructors' Championship points scored; **Poles** = Number of pole positions; **FL** = Number of fastest laps; **Podiums** = Number of podium finishes; **WCC** = World Constructors' Championships won; **WDC** = World Drivers' Championships won.

Manufacturer	Engines built in	Seasons	Races Entered	Races Started	Wins	Points	Poles	FL	Podiums	WCC	WDC
Ferrari	 Italy	1950–present	1080	1076	244	10690	251	267	813	16	15
Mercedes ^[a]	 United Kingdom ^[b]	1954–1955, 1994–present	565	563	212	13635.5	221	207	582	10	13
Honda RBPT ^[c]	 Japan	2023–present	22	22	21	885	14	12	30	1	1
Renault	 France	1977–1986, 1989–1997, 2001–present	726	723	169	8141.5	213	176	463	12	11

Former engine manufacturers

Key: **Races Entered** = Number of individual races entered; **Races Started** = Number of individual races started; **Wins** = Number of races won; **Points** = Number of Constructors' Championship points scored; **Poles** = Number of pole positions; **FL** = Number of fastest laps; **Podiums**. = Number of podium finishes; **WCC** = Constructors' Championships won; **WDC** = Drivers' Championships won.

Manufacturer	Engines built in	Seasons	Races Entered	Races Started	Wins	Points	Poles	FL	Podiums	WCC	WDC
<u>Acer^[d]</u>	 <u>Italy</u>	<u>2001</u>	17	17	0	4	0	0	0	0	0
<u>Alfa Romeo</u>	 <u>Italy</u>	<u>1950–1951, 1961–1963, 1965, 1968, 1970–1971, 1976–1987</u>	226	215	12	148	15	20	40	0	2
<u>Alta</u>	 <u>United Kingdom</u>	<u>1950–1959</u>	31	26	0	n/a	0	0	1	n/a	0
<u>Arrows</u>	 <u>United Kingdom</u>	<u>1998–1999</u>	32	32	0	7	0	0	0	0	0
<u>Asiatech^[e]</u>	 <u>France</u>	<u>2001–2002</u>	34	33	0	3	0	0	0	0	0
<u>Aston Martin</u>	 <u>United Kingdom</u>	<u>1959–1960</u>	6	5	0	0	0	0	0	0	0
<u>ATS</u>	 <u>Italy</u>	<u>1963–1964, 1967</u>	7	7	0	0	0	0	0	0	0
<u>BMW</u>	 <u>Germany</u>	<u>1952–1954, 1967–1968, 1982–1987, 2000–2009</u>	273	270	20	1021	33	33	86	0	1
<u>Borgward</u>	 <u>Germany</u>	<u>1959, 1962–1963</u>	3	1	0	0	0	0	0	0	0
<u>BPM</u>	 <u>Italy</u>	<u>1952</u>	1	0	0	n/a	0	0	0	n/a	0
<u>Bristol</u>	 <u>United Kingdom</u>	<u>1952–1957</u>	17	17	0	n/a	0	0	1	n/a	0
<u>BRM</u>	 <u>United Kingdom</u>	<u>1951, 1956–1960, 1962–1977</u>	200	189	18	499	11	14	65	1	1
<u>Bugatti</u>	 <u>France</u>	<u>1956</u>	1	1	0	n/a	0	0	0	n/a	0
<u>Butterworth</u>	 <u>United Kingdom</u>	<u>1952</u>	4	2	0	n/a	0	0	0	n/a	0
<u>BWT Mercedes^[f]</u>	 <u>United Kingdom</u>	<u>2019–2020</u>	38	38	1	268	1	0	4	0	0
<u>Castellotti</u>	 <u>Italy</u>	<u>1960</u>	4	3	0	3	0	0	0	0	0
<u>Climax</u>	 <u>United Kingdom</u>	<u>1957–1969</u>	97	96	40	684	44	44	104	4	4
<u>Conrero</u>	 <u>Italy</u>	<u>1961</u>	1	1	0	0	0	0	0	0	0
<u>Cosworth</u>	 <u>United Kingdom</u>	<u>2000–2006, 2010–2013</u>	199	199	0	179	1	1	2	0	0
<u>De Tomaso</u>	 <u>Italy</u>	<u>1962</u>	1	0	0	0	0	0	0	0	0
<u>EMW</u>	 <u>East Germany</u>	<u>1953</u>	1	1	0	n/a	0	0	0	n/a	0
<u>ERA</u>	 <u>United Kingdom</u>	<u>1950–1951</u>	4	4	0	n/a	0	0	0	n/a	0
<u>European^[g]</u>	 <u>United Kingdom</u>	<u>2001</u>	17	17	0	0	0	0	0	0	0
<u>Fiat</u>	 <u>Italy</u>	<u>1950</u>	1	0	0	n/a	0	0	0	n/a	0
<u>Fondmetal^[h]</u>	 <u>United Kingdom</u>	<u>2000</u>	17	17	0	0	0	0	0	0	0
<u>Ford^[i]</u>	 <u>United Kingdom</u> ^[j]  <u>United States</u>	<u>1951, 1963–1999, 2003–2004</u>	528	523	176	4286.5	139	159	533	10	13
<u>Gordini</u>	 <u>France</u>	<u>1950–1956</u>	45	40	0	n/a	0	1	2	0	0
<u>Hart</u>	 <u>United Kingdom</u>	<u>1981–1986, 1993–1997</u>	158	144	0	63	2	2	5	0	0

<u>Honda</u>	 <u>Japan</u>	<u>1964–1968, 1983–1992, 2000–2008, 2015–2021</u>	482	481	89	3409	90	76	223	6	6
<u>Ilmor</u>	 <u>United Kingdom</u>	<u>1991–1992, 1994</u>	48	37	0	12	0	0	0	0	0
<u>Jaguar</u>	 <u>United Kingdom</u>	<u>1950</u>	1	1	0	n/a	0	0	0	n/a	0
<u>JAP</u>	 <u>United Kingdom</u>	<u>1950</u>	1	1	0	n/a	0	0	0	n/a	0
<u>Judd</u>	 <u>United Kingdom</u>	<u>1988–1992</u>	76	68	0	86	0	3	8	0	0
<u>Küchen</u>	 <u>Germany</u>	<u>1952</u>	1	1	0	n/a	0	0	0	n/a	0
<u>Lamborghini</u>	 <u>Italy</u>	<u>1989–1993</u>	80	80	0	20	0	0	1	0	0
<u>Lancia</u>	 <u>Italy</u>	<u>1953–1955</u>	6	4	0	n/a	2	1	1	n/a	0
<u>Lea-Francis</u>	 <u>United Kingdom</u>	<u>1952–1954</u>	10	10	0	n/a	0	0	0	n/a	0
<u>Life</u>	 <u>Italy</u>	<u>1990</u>	12	0	0	0	0	0	0	0	0
<u>Maserati</u>	 <u>Italy</u>	<u>1950–1963, 1966–1969</u>	113	108	11	72	11	17	44	0	2
<u>Matra</u>	 <u>France</u>	<u>1968, 1970–1972, 1975–1978, 1981–1982</u>	126	125	3	173	4	5	24	0	0
<u>Mecachrome</u> ^[k]	 <u>France</u>	<u>1998</u>	16	16	0	38	0	0	3	0	0
<u>Megatron</u> ^[l]	 <u>Switzerland</u> ^[2]	<u>1987–1988</u>	32	32	0	35	0	0	1	0	0
<u>Motori Moderni</u>	 <u>Italy</u>	<u>1985–1987</u>	46	44	0	0	0	0	0	0	0
<u>Mugen-Honda</u>	 <u>Japan</u>	<u>1992–2000</u>	147	147	4	182	1	0	16	0	0
<u>OSCA</u>	 <u>Italy</u>	<u>1951–1953, 1958–1959, 1961–1962</u>	12	8	0	0	0	0	0	0	0
<u>Osella</u> ^[m]	 <u>Italy</u>	<u>1988</u>	16	10	0	0	0	0	0	0	0
<u>Petronas</u> ^[n]	 <u>Italy</u>	<u>1997–2005</u>	153	151	0	142	0	0	4	0	0
<u>Peugeot</u>	 <u>France</u>	<u>1994–2000</u>	115	115	0	128	0	1	14	0	0
<u>Playlife</u> ^[o]	 <u>France</u>	<u>1998–2000</u>	49	49	0	69	1	1	6	0	0
<u>Porsche</u>	 <u>Germany</u>	<u>1958–1964, 1991</u>	39	35	1	48	1	0	5	0	0
<u>Pratt & Whitney</u>	 <u>United States</u>	<u>1971</u>	3	3	0	0	0	0	0	0	0
<u>Red Bull Powertrains</u> ^[p]	 <u>Japan</u>	<u>2022</u>	22	22	17	794	8	8	28	1	1
<u>Repco</u>	 <u>Australia</u>	<u>1966–1969</u>	33	33	8	126	7	4	25	2	2
<u>Sauber</u> ^[q]	 <u>United Kingdom</u>	<u>1993</u>	16	16	0	12	0	0	0	0	0
<u>Scarab</u>	 <u>United States</u>	<u>1960</u>	6	2	0	0	0	0	0	0	0
<u>Serenissima</u>	 <u>Italy</u>	<u>1966</u>	3	1	0	1	0	0	0	0	0
<u>Subaru</u> ^[r]	 <u>Italy</u>	<u>1990</u>	8	0	0	0	0	0	0	0	0
<u>Supertec</u> ^[s]	 <u>France</u>	<u>1999–2000</u>	33	33	0	42	0	1	3	0	0
<u>TAG</u> ^[t]	 <u>Germany</u>	<u>1983–1987</u>	68	68	25	405.5	7	18	54	2	3

<u>TAG Heuer</u> ^[u]	 <u>France</u>	<u>2016–2018</u>	62	62	9	1255	3	13	42	0	0
<u>Talbot</u>	 <u>France</u>	<u>1950–1951</u>	14	13	0	n/a	0	0	2	n/a	0
<u>Tecno</u>	 <u>Italy</u>	<u>1972–1973</u>	13	10	0	1	0	0	0	0	0
<u>Toro Rosso</u> ^[v]	 <u>France</u>	<u>2017</u>	20	20	0	53	0	0	0	0	0
<u>Toyota</u>	 <u>Germany</u> ^[w]	<u>2002–2009</u>	140	140	0	384	3	4	17	0	0
<u>Vanwall</u>	 <u>United Kingdom</u>	<u>1954–1960</u>	29	28	9	57	7	6	13	1	0
<u>Veritas</u>	 <u>Germany</u>	<u>1951–1953</u>	6	6	0	n/a	0	0	0	n/a	0
<u>Weslake</u>	 <u>United Kingdom</u>	<u>1966–1968</u>	18	18	1	13	0	2	2	0	0
<u>Yamaha</u>	 <u>Japan</u>	<u>1989, 1991–1997</u>	130	116	0	36	0	0	2	0	0
<u>Zakspeed</u>	 <u>Germany</u>	<u>1985–1988</u>	57	51	0	2	0	0	0	0	0
Manufacturer	Engines built in	<u>Seasons</u>	<u>Races Entered</u>	<u>Races Started</u>	<u>Wins</u>	<u>Points</u>	<u>Poles</u>	<u>FL</u>	<u>Podiums</u>	<u>WCC</u>	<u>WDC</u>

Source:^[4]

Indianapolis 500 only

Engine manufacturers whose only World Championship participation was in the Indianapolis 500 from 1950 to 1960 when the race was part of the Formula One World Drivers' Championship. All were based in the United States.^[5]

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| ▪ <u>Cadillac</u> | ▪ <u>DeSoto</u> | ▪ <u>Miller</u> | ▪ <u>Sparks</u> |
| ▪ <u>Chevrolet</u> | ▪ <u>Dodge</u> | ▪ <u>Novi</u> | ▪ <u>Studebaker</u> |
| ▪ <u>Chrysler</u> | ▪ <u>Duray</u> | ▪ <u>Offenhauser</u> ^[x] | ▪ <u>Voelker</u> |
| ▪ <u>Cummins</u> | ▪ <u>Mercury</u> | ▪ <u>R Miller</u> | ▪ <u>Wayne</u> |

Notes

- a. Between 1994–2005 built by Ilmor, funded by Mercedes-Benz.
- b. Engines built in Germany between 1954–1955.
- c. Rebadged Honda engines.
- d. Rebadged Ferrari engines.
- e. Based on Peugeot engines.
- f. Rebadged Mercedes engines.
- g. Rebadged Ford engines.
- h. Rebadged Ford engines.
- i. Between 1963–1965, 1967–1999 and 2003–2004 built by Cosworth, funded by Ford.
- j. Between 1963–1965, 1967–1999 and 2003–2004 the Ford-badged engines were made by Cosworth in the United Kingdom.
- k. Based on Renault engines.
- l. Based on BMW engines.
- m. Rebadged Alfa Romeo engines.
- n. Rebadged Ferrari engines.
- o. Rebadged Renault and Supertec engines.
- p. Rebadged Honda engines.
- q. Rebadged Ilmor engines.
- r. Built by Motori Moderni for Subaru.
- s. Rebadged Mecachrome engines based on Renault technology.
- t. Built by Porsche, funded by TAG.
- u. Rebadged Renault engines.
- v. Rebadged Renault engines.
- w. Toyota engines were made at the Toyota Motorsport GmbH facility in Cologne.^[3]
- x. Offenhauser made one non-Indianapolis 500 participation at the 1959 United States Grand Prix.

References

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