

#	Category (common name)	Representative HS-6 code(s)	Short description	India MFN tariff (approx. / range)	Reported FTA outcome (headline)
1	Steam boilers, super-heated water boilers	8402.11 / 8402.19 / 8402.90	Steam boilers and parts	Often 0–12.5% for some industrial boilers; some complex boilers attracted higher duties historically in protectionist bands (reported MFN ranges vary by sub- line). (See WTO tariff profile).	Mostly 0% (eliminated or phased) — machinery bucket included in 44% → 0% statement.
2	Steam turbines & other vapor turbines	8406.10 / 8406.20 / 8406.90	Steam & other vapor turbines (power generation)	MFN: 0–10% typical for major turbine lines (chapter averages vary).	Mostly 0% (included in machinery tariff elimination).
3	Internal- combustion piston engines (diesel, petrol)	8407.11 / 8407.21 / 8407.34	IC engines for vehicles / stationary use	MFN: up to ~10–15% depending on use & cc.	Mostly 0% or phased (part of machinery/engine category).
4	Electric generating sets (generators, alternators)	8406.91 / 8502.11 / 8502.39	Diesel/gas gen sets; alternators	MFN: 5–20% (generator sets can attract higher ad- valorem or specific duties).	Mostly 0% (electrical machinery included).
5	Electric motors & generators (rotating electric plant)	8501.10 / 8501.31 / 8501.53 / 8502.31	AC/DC motors, parts	MFN: 0–20% (varies by power rating / use).	0% on most lines (electrical machinery covered).
6	Transformers, static converters, inductors	8504.10 / 8504.40 / 8504.90	Power transformers, converters	MFN: 5–20% depending on sub- heading.	0% on most lines (electrical equipment bucket).
7	Switchgear; relays; circuit breakers; control panels	8536.10 / 8536.50 / 8535.10 / 8537.10	Low/medium voltage switchgear & protection devices	MFN: 5–12.5% typical; some electronic parts lower.	0% on most lines (industrial electrical equipment).
8	Pumps (centrifugal, rotary), compressors	8413.11 / 8413.91 / 8414.11 / 8414.90	Liquid pumps, compressor units	MFN: 5–20% (pumps/compressors often attracted moderate duties).	Mostly 0% (machinery category).

9	Fans, blowers, ventilating equipment	8414.11 / 8414.80 / 8414.90	Industrial ventilation equipment	MFN: 5–12.5%	Mostly 0%
10	Cranes, lifts, material-handling equipment (incl. conveyors)	8426.11 / 8428.33 / 8428.90	Cranes, hoists, conveyors, stackers	MFN: 5–30% depending on machine type	Mostly 0% (but some sensitive sub-lines may have phased reductions)
11	Machine-tools (metal cutting/forming)	8456.10 / 8458.10 / 8462.10 / 8463.10	Lathes, milling, machining centres, presses	MFN: 5–25%; some heavy machine tools had higher duties historically.	Mostly 0% (engineering goods strongly liberalised)
12	Textile & sewing/knitting machinery	8447.11 / 8448.11 / 8445.11	Spinning, weaving, knitting machines	MFN: 5–20%	Mostly 0%
13	Food processing, bottling, packaging machinery	8438.10 / 8422.30 / 8422.11	Packaging lines, bottling, processing units	MFN: 5–20%	Mostly 0%
14	Printing machinery & paper converting machines	8443.11 / 8441.30	Printing presses, finishing equipment	MFN: 5–20%	Mostly 0%
15	Measuring, testing, precision instruments (industrial / lab)	9027.10 / 9031.80 / 9026.20	Gas/liquid analysers, spectrometers, balances	MFN: 0–27.5% (medical/optical higher on some lines)	0% on ~90% of products (medical/optical widely liberalised)
16	Optical, photographic, medical devices	9001.10 / 9018.11 / 9019.10	Microscopes, endoscopes, x-ray apparatus	MFN: 0–27.5% — many medical devices had elevated tariffs.	0% on most lines (explicitly noted in FTA summaries)
17	Industrial robots / automation systems / PLCs	8479.50 / 8537.10 / 8471.70	Robots, PLC units, automation controllers	MFN: 5–20%	Mostly 0% (industrial electronics included)
18	Parts & accessories of the above	(Parts are covered under corresponding HS headings)	Parts sections (e.g., 8409, 8503, 8458 parts)	MFN: varies; often lower duties but some parts taxed higher	FTA: parts widely abolished (explicitly noted for car parts; similar

					treatment for machinery parts expected)
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