

Elliott YR Turbine Manufacturing – Bengaluru



World-Class Assembly & Test Facility

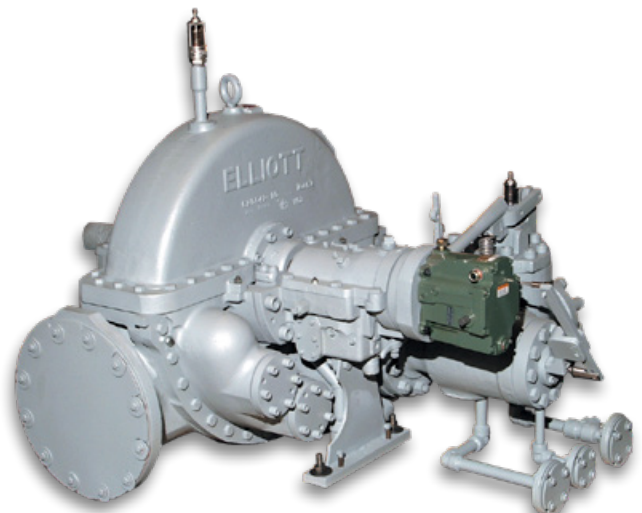
Elliott Group's YR steam turbine manufacturing plant in Bengaluru, India, is open for business. Conveniently located in the Bidadi Industrial Area on the same campus as our Bengaluru Service Center, we offer convenient, comprehensive design, manufacturing, assembly & test, and unit packaging services for YR steam turbines and steam turbine generators (STGs).

Staffed with fully qualified and experienced personnel, Elliott's new 5,000 square meter manufacturing facility is equipped to engineer, build, and deploy YR steam turbines for customers in the oil & gas, petrochemical, refining, fertilizer, and power generation industries. The facility also houses a state-of-the-art customer training center. Combined with our Bengaluru service center, Elliott is your single-source for turbine manufacturing and repair in South Asian markets.



Capabilities include:

- ♦ YR turbine manufacturing, assembly, and test.
- ♦ Packaging of complete turbine and STG skids, including customer equipment.
- ♦ Ability to perform no-load mechanical testing per API requirements.
- ♦ Non-destructive testing (NDT).
- ♦ Operator training.
- ♦ No-load mechanical testing to original Elliott specifications following repairs, modifications, or rerates.
- ♦ Technical assistance.
- ♦ Access to global manufacturing and service network.



General Specifications

Elliott YR steam turbines feature engineering expertise, rugged design, and precision manufacturing. They provide exceptional value and performance in a broad range of mechanical and power generation applications.

Frame	PYR	BYR	BYRH & BYRHH	DYR, DYRH, & DYRHH DYRM & DYRN	MYR
Initial pressure (psig/bar)	650/45	700/48	900/62	900/62	900/62
Initial temperature (F/C)	750°/400°	900°/482°	900°/482°	900°/482°	900°/482°
Exhaust pressure (psig/bar)	100/6.9	vac-100/6.9	375/25.9	vac-350/24.1	vac - 250/17.2
Speed (rpm)	5000	6675	7090	5770	8500
Wheel pitch diameter (inch/mm)	12/305	18/460	18/460	28/710	28/710
Number of stages (impulse type)	1	1	1	1	9
Inlet sizes (ANSI, inch)	3"	3", 4"	3", 4", 6"	3", 4", 6", 8", 10"	3", 4", 6", 8", 10"
Exhaust size (ANSI, inch)	6"	8"	8"	10", 12", 14", 16"	Up to 48"
Range of capacities (hp/kW)	200/150	to 1400/1044	to 3500/2610	to 5400/4027	to 14,000/10,440
Shipping weight (lb/kg)	550/250	1275/580	2300/1050	2600/1180	to 17,000/7710

Manufacturing Capabilities

Elliott's new YR factory is fully equipped with the machines and tools required to manufacture and test YR steam turbines to customer specifications. Our manufacturing operations are supported by an audited quality assurance and control program that touches every aspect of the manufacturing process.



Plot No.12/3, Abbanakuppe,
Bidadi Industrial Area
Bidadi Post
Bengaluru - 562109 India
Phone: 91 80 6163 4600
Email: info@elliott-turbo.com

www.elliott-turbo.com

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