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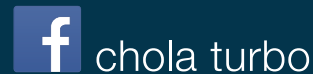
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chola turbo



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www.cholaturbo.com

an ISO 9001, 14001 & OHSAS 18001 certified company

EFFICIENCY BY DESIGN

MS - 42

BACK PRESSURE - CONDENSING



**Chola Turbo Machinery
International Pvt. Ltd.**

STEAM TURBINES

INDUSTRIES SERVED

Oil and gas, Power, Sugar, Distilleries, Paper, Food and Beverage Processing, Petrochemical, Steel, IPP, Rice mills etc

MECHANICAL DRIVE APPLICATIONS

Compressors, Boiler Feed Water and other pumps, Milling / Shredding Equipment, Fans, Blowers.

GENERATOR DRIVE APPLICATIONS

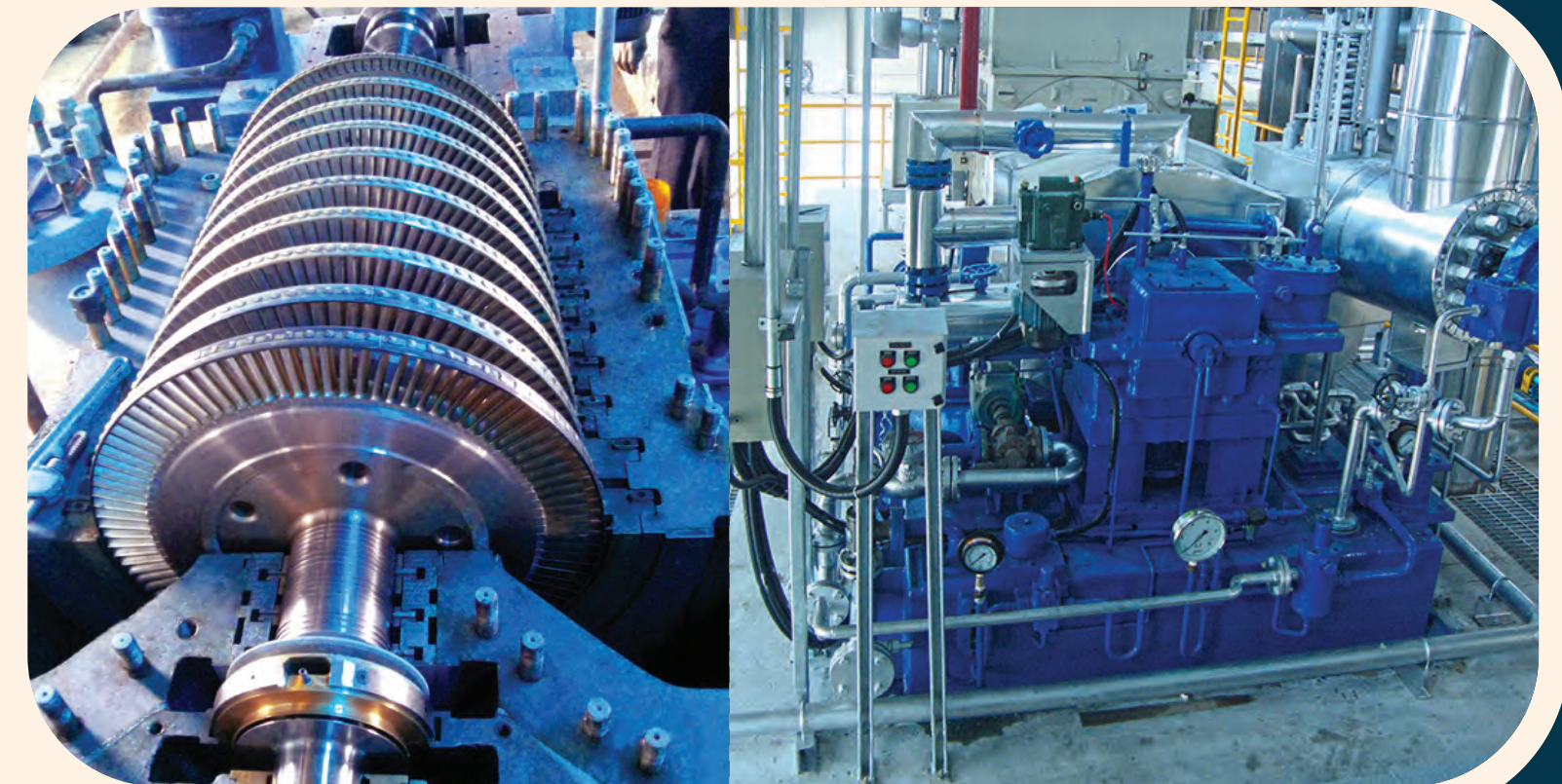
Synchronous Generators
Induction Generators

APPLICATIONS

Pump drives, Fan drives, Mill drives, Generator drives, Compressor drives, Knives and Shredder drives.

DESIGN CAPABILITIES

CE Marked
Single and multi-valve inlet
Controlled Extraction, Uncontrolled Bleeds
Mixed Pressure Induction
API 611 and 612 compliant
Hydraulic, Mechanical and Electronic Governors
Remote Monitoring / Controls
Base load Operation.
Parallel operation with Local / National Grid

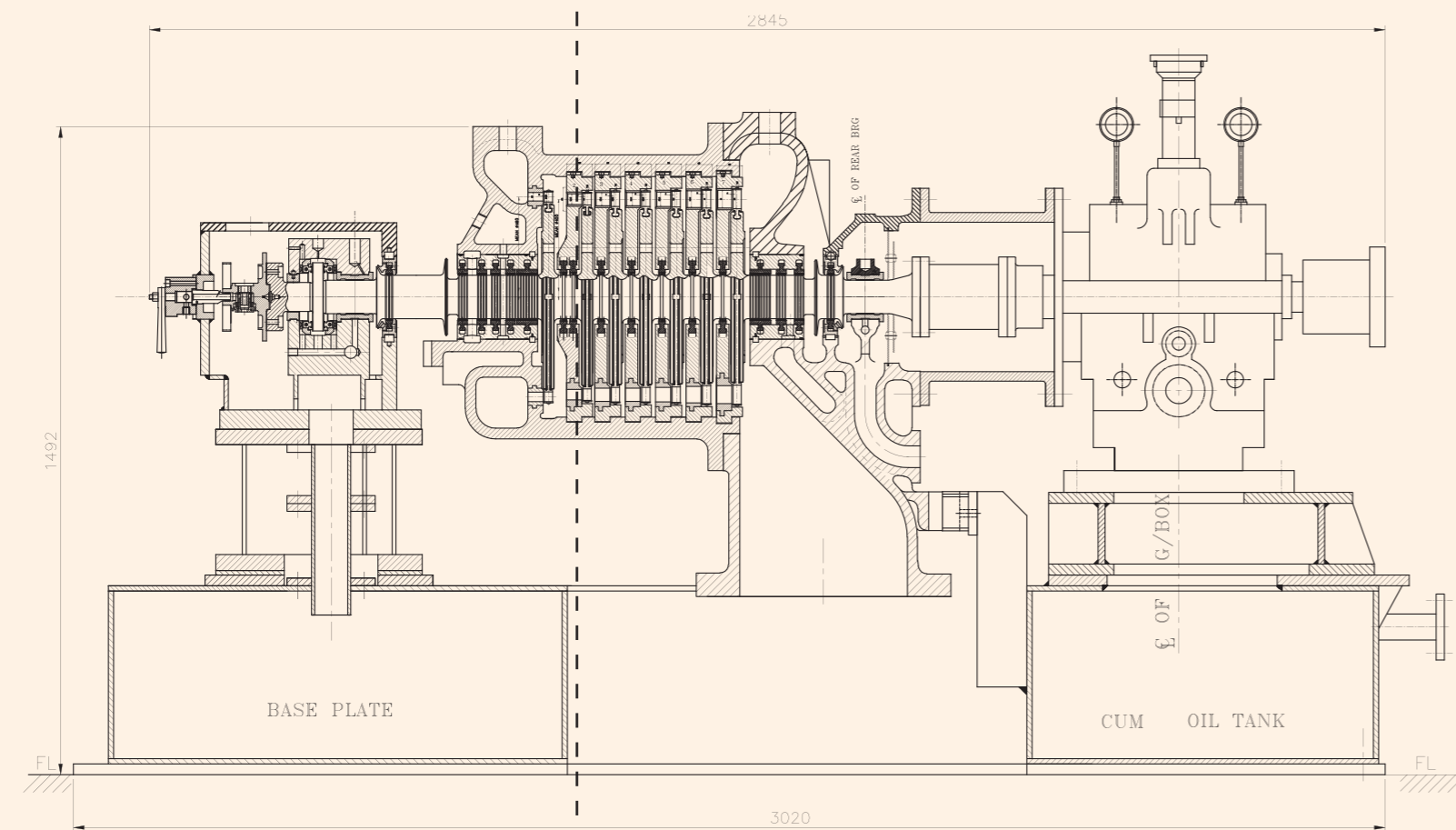


MULTISTAGE TURBINES

Proven reliability and high efficiency make CTMI multi-stage steam turbines vital partners with the power and process industries. High fuel and energy conversion costs demand that steam turbine efficiency be as much a consideration as reliability.

Following details are about CTMI make models MS 42 and MS 42C a highly efficient, economical, compact and highly successful Back pressure and Condensing Multi stage turbine series respectively which have been a fixture in industries for more than a decade.

The MS 42 Series of turbines stand out by their efficient design and renowned reliability even under the most severe operating conditions. They are ideal for saturated steam service.



FEATURES - MS 42

Power range : 500 kW up to 2000 kW

Maximum Inlet Pressures (psi/bar) 975/67

Maximum Inlet temperature (°F/ °C) 930/500

Maximum Exhaust Pressures (psi/bar) 175/12

Speed (RPM) 6700

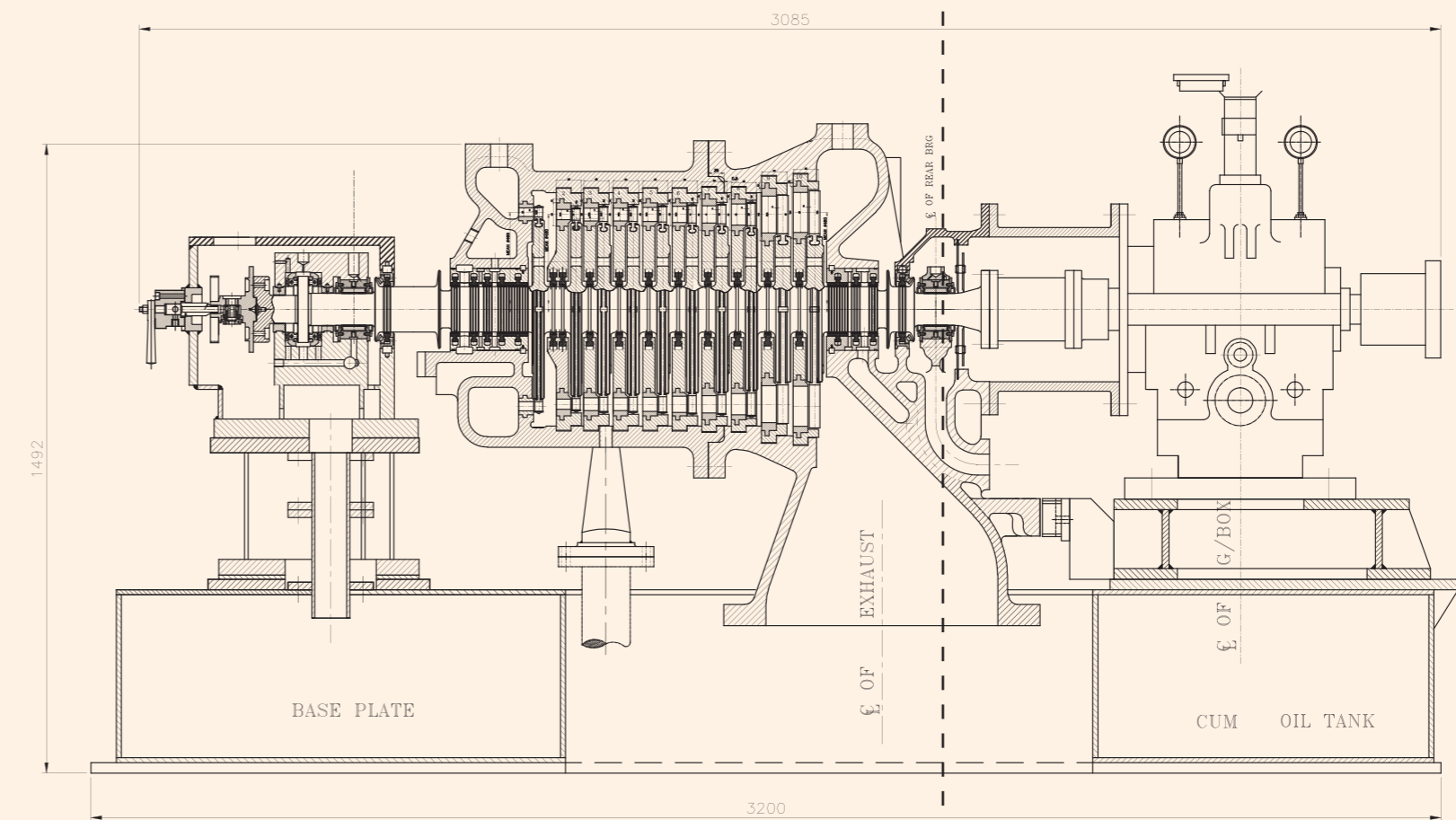
Number of Stages up to 7

Tilting Pad type journal and thrust bearings

Approx Shipping Weight (lb/Kg) 26500/12000

Approx Dimensions l x b x h (in/mm)
119 x 86 x 83 / 3020 x 2200 x 2125

API 611 /612 compliant



FEATURES - MS 42C

Power range : 500 kW upto 1750 kW

Maximum Inlet Pressures (psi/bar) 975/67

Maximum Inlet temperature (°F/ °C) 930/500

Exhaust Pressures (psi/bar) Vacuum

Speed (RPM) 8250

Number of Stages up to 10

Tilting Pad type journal and thrust bearings

Approx Shipping Weight (lb/Kg) 28600/13000

Approx Dimensions l x b x h (in/mm)
125 x 86 x 83 / 3200 x 2200 x 2125

API 611 /612 compliant



MS 42

Salient Features

- Tailor Made to customer's requirement.
- Oil unit integrated in base frame.
- High efficiency due to large no of stages.
- Lower speeds ensure lower mechanical wear and tear thus ensuring less maintenance costs.
- Quick acting Stop and emergency valve with 30µs response time.
- Excellent safety record with 100% uptime.
- Capable of withstanding shock loads.
- Solid construction of the rotor shaft ensures reliability.
- Significantly reduced hot and cold start times.
- Packaged unit design.
- CE Marked.