SMALL STEAM TURBINES

4 MW STG POWER PLANT

Silenced Steam turbine BBC (now ABB) 4 MW in a very good condition for sale. The turbine was used sometimes for peak-shaving. The turbo set consists of two turbines, on the left and on the right side from the alternator. The turbines can be operated by variable clutches individually in each case or together. The turbine is not dismantled yet and immediately available. A test run can be arranged anytime, as long as the turbine is not dismantled yet. The costs for a test run are about 2000 € and are full refundable from purchase price. Our price: only 88,000 € ready dismantled and loaded, all documents complete. Here is a calculation of the huge profits for you from this turbine: At 540 running hours monthly (Downtimes for maintenance, repairs, etc. already taken off) you will make about 260 thousand € monthly from electricity sales! To take off are the investment costs, the raw material costs, etc. The most profit from this turbine will take those who have access to cheap waste wood, waste heat, or other kinds of cheap burnable materials. For those the break even is expected in a few months! Our engineer can calculate the exact figures for the installation in your environment. We also sell the other components of this power plant. There is another BBC 6 MW steam turbine available (see hereunder). Which can be combined to a total 10 MW power plant together with this turbine. Warning: This turbine is complete with condenser (no pictures available). The location is in Europe. The offer is subject to prior sale.

Price 88 000 Euro dismantled
Subject to prior sale
SPECIFICATIONS:

- Leistung Generator/ power: 5000 KVA
- Alternator brand: BBC WR 64 K
- Turbine: MD BBC 42 bar, 470 °C, 2600 KW
- Turbine: ND BBC 10 bar, 1300 KW
- Betriebsstunden jetzt / running hours now ca: 80,000
- Spannung / voltage: 6300 Volt 3 Phasen
- Frequenz / frequency: 50 Hz
- Drehzahl Generator / speed alternator: 1500
- cos phi: 0,8
- Dampfeintritt / steam pressure: 42 bar abs.
- Getriebe / gear Stöckicht: RP 25/32
- Baujahr / manufactured in: 1959
- Abmessungen Schallschutzhube / dimensions turbine: B 4,50 m * L 14,0 m
- Gewicht ca: 40 Tonnen
- Hergestellt in / made in Germany: Germany

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Steam turbine BBC (now ABB) 6 MW in a very good condition for sale. The gearbox is silenced. The turbine is not dismantled yet. Because of a constant heating (40 °C) at the lower surface the turbine is dry. The turbine is immediately available. A test run can be arranged any time, as long as the turbine is not dismantled yet. The costs for a test run are about 3500 € and are full refundable from purchase price. The new price of a similar turbine is about 1.8 m. €. Our price: only 183,000 € ready dismantled, loaded and with all documents. Here is a calculation of the huge profits for you from this turbine: At 540 running hours monthly (Downtimes for maintenance, repairs, etc. already taken off) you will make about 325 thousand € monthly from electricity sales! To take off are the investment costs, the raw material costs, etc. The most profit from this turbine will take those who have access to cheap waste wood, waste heat, or other kinds of cheap burnable materials. For those the break even is expected in a few months! Our engineer can calculate the exact figures for the installation in your environment. We also sell the other components of this power plant. There is an other BBC steam turbine (tandem- one generator, two turbines) with a power output of 1.5, 2.5 or 4 MW (over). Together with this turbine a 10 MW power plant. Warning: This turbine comes without condenser. The blade row 12 was removed due to a damage 2004. That's why the turbine has a little lower output power than rated. The location is in Europe. The offer is subject to prior sale.

Price 183 000 Euro dismantled
SPECIFICATIONS

Leistung Generator/ power 6330 KVA
Alternator brand CEM ( Cie Electro Mecanique )
MSBHD 710 L/4
Turbine BBC GK/MB 275135
Betriebsstunden jetzt / running hours now 62000
Spannung / voltage 6300 Volt 3 Phasen
Frequenz / frequency 50 Hz
Drehzahl Generator / speed alternator 1500 cos phi 0,95
Dampfteintritt / steam pressure 42 bar abs.
Drehzahl Turbine / speed turbine 11940 U / min
Getriebe / gear Fa. Renk 7,96 : 1
Dampfatemperatur / fresh steam temperature 470°C
Kühlwasserkapazität / coolant cap.
Motor Umlaufwasser / coolant volume
Baujahr / manufactured in 1979
Platzbedarf Turbine / dimensions turbine B 3,60 m * L 9,0 m
Platzbedarf Schaltschränke / dimensions switchgear cabinets B 6,0 m * H 2,30 m * T 0,8 m
Gewicht ca. 30 Tonnen
Hergestellt in / made in Germany / France

USUAL TERMS:
All equipment is quoted "as is/where is, subject to inspection and prior sale" unless otherwise indicated. Scope-of-supply must be verified by customer during inspection. All equipments are subject to prior sale