

Integrated Energy Solution

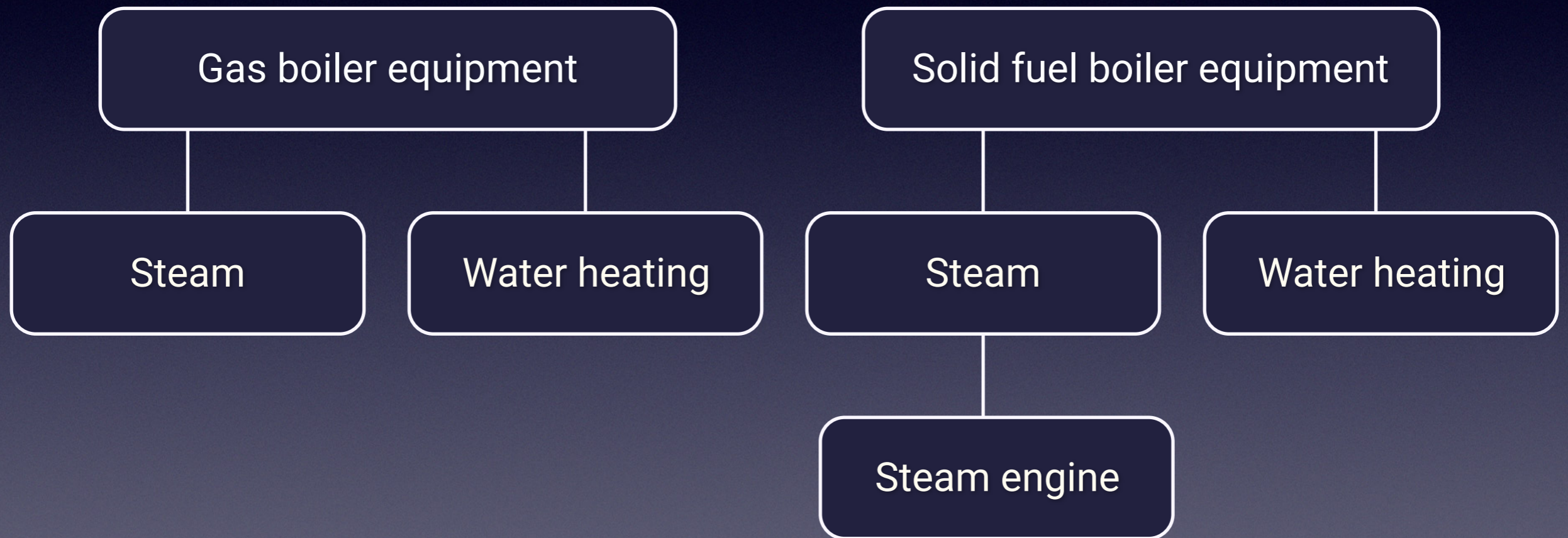
«Gasgeneratorbau»

The company's mission is comprehensive energy solutions that significantly **reduce the cost of energy** for consumers

Low cost of energy is the **main condition** for the **successful** economic development of the state, business, territorial community

Gasgeneratorbau company - a company **solving** important economic **problems** by engineering methods

Power equipment manufactured



Gas boiler equipment «TurboRapid®»

The main basic advantages:

- the cost of the generated unit of the amount of heat (Gcal) from \$40
- savings compared to existing models on the market up to 40%
- high coefficient of performance (98%)
- short payback period of equipment (from 0.5 years)
- stainless steel fabrication
- small overall dimensions and weight of a copper (from 150 kg)
- full automation of the process and instant start-up from a cold state (up to 10 seconds)
- boiler capacity is designed for heating residential and industrial premises with an area of 3000 m²

Areas of use:

- heating and hot water supply of premises in residential buildings, incl. multi-storey (with placement on the roof)
- heating and hot water for industrial premises, hot water for technical needs

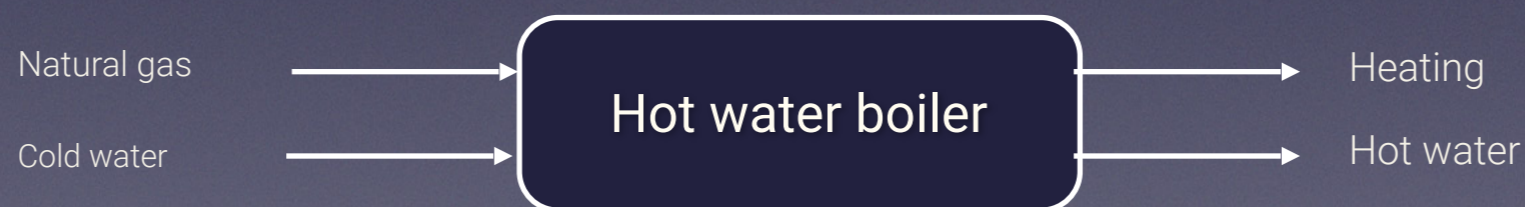
Gas boiler equipment «TurboRapid®»

■ Types of gas-fired gas boilers «TurboRapid®» and their main characteristics

Boiler type	Thermal power, kW	Turbocharger type	Type of gas burner	Hourly gas consumption, m ³	Boiler efficiency, %	Weight, kg
TurboRapid® 300	300	TKP11H - 2	ГГВ-25	31,47	98	140
TurboRapid® 500	500	TKP11H - 1	ГГВ-50	54,81	98	245
TurboRapid® 850	850	TKP 9,2 - 01	ГГВ-75	93,33	98	405
TurboRapid® 1150	1150	TK18C - 23 (09)	ГГВ-100	124,55	98	542
TurboRapid® 1750	1750	TK23H - 06	ГГВ-150	186,77	98	806
TurboRapid® 2250	2250	TK18H - 01	ГГВ-200	249	98	1011
TurboRapid® 3975	3975	TK18B - 61	ГГВ-350	435,78	98	1668
TurboRapid® 5680	5680	TK23B - 55	ГГВ-500	622,55	98	2221
TurboRapid® 9000	9000	TK41B - 25	ГГВ-750	988,15	98	4050

■ Technical condition for the lineup TY Y 25.2-39309577-001:2019

■ Schematic diagram of the gas boiler «TurboRapid®»



- The payback period of gas boiler equipment is from 1 heating season (0.5 years) to 2 heating seasons, depending on the intensity of operation

Solid fuel boiler equipment «TurboRapid®»

The main basic advantages:

- the cost of the generated unit of the amount of heat (Gcal) from \$12, which provides a payback period of equipment for 0.5 - 2 years, depending on the intensity of operation
- the ability to use up to eight types of fuel, including plant origin (wood chips, straw, firewood, coal, peat, blast furnace gas, etc.)
- in conjunction with a steam engine provides the consumer with thermal and electrical energies, thus ensuring complete energy autonomy and consumer independence
- meets European environmental requirements, first of all, the norms of Directive No. 2010/75 / EC of the European Parliament and the Council of the European Union

Areas of use:

- full energy supply (heating, hot water supply, electricity) of the household consumer (settlement)
- manufacturing enterprises (metallurgy, woodworking, dairy production, greenhouses, granaries, pump (water) stations, production of building materials)
- enterprises receiving flue gases during the production process (blast furnace, coke oven, ferrogas)
- falls under the green tariff

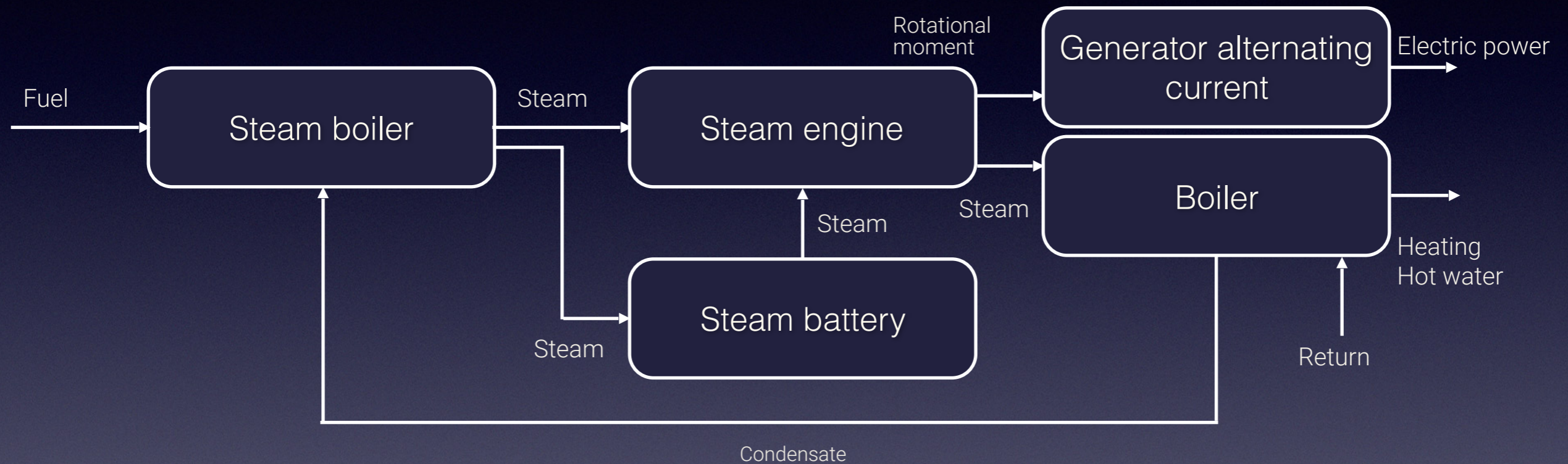
Solid fuel boiler equipment «TurboRapid®»

- Types of solid fuel boilers «TurboRapid®» and their main characteristics

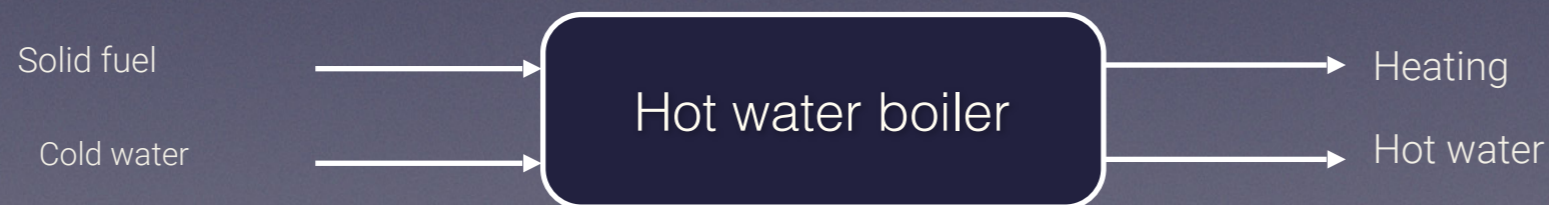
Steam			Water heating		
Boiler type	Nominal steam capacity, t / h	Boiler efficiency,%	Boiler type	Nominal steam capacity, t / h	Boiler efficiency,%
TurboRapid 0,8	0,8	74	TurboRapid 600	600	74
TurboRapid 3	3	74	TurboRapid 1800	1800	74
TurboRapid 5	5	74	TurboRapid 3000	3000	74
TurboRapid 7	7	74	TurboRapid 4200	4200	74
TurboRapid 10	10	74	TurboRapid 6000	6000	74
TurboRapid 15	15	74	TurboRapid 9000	9000	74
TurboRapid 20	20	74	TurboRapid 12000	12000	74

Solid fuel boiler equipment «TurboRapid®»

- Schematic diagram of the operation of the «TurboRapid®» solid fuel steam boiler in conjunction with a steam engine and electric current generator



- Schematic diagram of the operation of the solid fuel boiler «TurboRapid®»



Boiler equipment «TurboRapid®»

- presented boiler equipment has no analogues in the existing market
- has low initial and operating costs, which minimizes the payback period of equipment
- the wide range of capabilities of «TurboRapid®» boiler equipment makes it possible to use it in almost all areas of life and production
- «TurboRapid®» boiler equipment can be placed not only stationary, but also mobile - on a railway platform (car trailer), which significantly reduces initial costs, and also further extends the range of possible use
- the company provides full engineering support for the entire process: from the development of technical specifications, design, to the installation of turnkey boiler equipment

Our contacts

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