

CONTAINERISED BIOMASS HEAT · 120–130 kW

CRANE IT IN. PLUG IT IN. HEAT ON.

23 self-contained pellet boiler houses — boiler, burners, buffer, heat exchanger, flue system and 12 m³ silo in one insulated container. No boiler room, no building permit hassle, no construction.

23

complete units available

2.86 MW

combined thermal output

2,300 m²

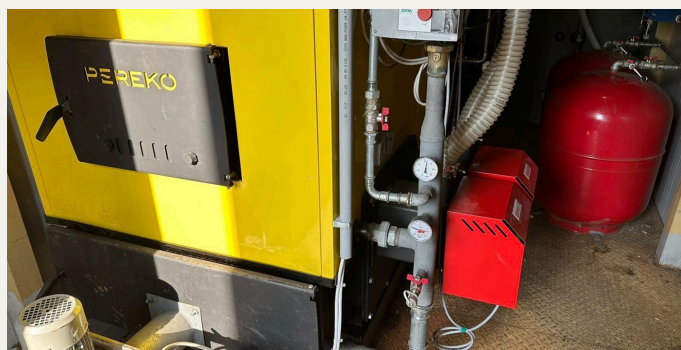
heated area per unit

12 m³

pellet silo per unit

WHY BUYERS WANT THESE

- 01 Turnkey & relocatable**
Heavy-duty 6 × 2.5 × 2.5 m container with crane lugs. Set down, connect flow/return via the built-in 140 kW plate heat exchanger.
- 02 Burns the cheap stuff**
Twin ECOMAT 70 burners handle high-ash agro pellets such as sunflower husk, as well as wood pellets.
- 03 Runs itself**
Automatic fuel feed, automatic ash screw, cyclone dust separator and remote monitoring with fault alerts over the internet.
- 04 Ideal for**
Schools, clinics, municipal buildings, farms, greenhouses, worker camps and emergency / temporary district heat.



INSIDE EVERY CONTAINER

TECHNICAL SUMMARY

TWO BOILER VARIANTS

	Ba-120	Pereko KSR 130
Units available	13	10
Nominal output	120 kW	130 kW
Heated area / volume	2,182 m ² / 5,454 m ³	2,364 m ² / 5,909 m ³
Water temp. min/max	70 / 90 °C	57 / 95 °C
Max. pressure	1.5 bar	1.5 bar
Flue / connection	300×300 mm · G3	300×300 mm · G3
Electrical	230 V / 500 W	230 V / 500 W

Both fitted with 2 × ECOMAT 70 pellet burners (up to 98 % combustion efficiency) and turbulators in the fire-tube heat exchanger. Boilers compliant with EN 303-5:2012 (MSZ EN 303-5:2013). Power modulation range 90 %.

STANDARD PACKAGE, EVERY UNIT

Heat buffer	2 × 1,000 L insulated, Hajdu PT1000
Expansion	3 × 200 L pressure vessels
Heat exchanger	APV / SPX TR1-MV-16I/2 plate HX, 140 kW, 10 bar
Flue system	Hot-gas induced-draught fan 450 m ³ /h · 800 Pa, vortex-tube cyclone (92 % separation), insulated acid-resistant modular chimney, draught monitoring
Fuel	12 m ³ external double-insulated silo + screw feeder to internal day hopper
Ash	Ø100 mm geared screw to closed external bin
Controls	Manual / auto mode, control cabinet with PC, remote monitoring & fault alerts (internet), heat meter
Container	6 × 2.5 × 2.5 m internal, PIR sandwich panel U = 0.4 W/m ² K, 6 t steel floor, crane lugs, security lock



Plate HX & 2 × 1,000 L buffers



Twin burner controllers



Fire-tube HX with turbulators



Cyclone, flue fan & feed

THE OFFER

Condition: Pre-owned, complete. In storage since 2022 — sold as is, where is.

Location: Hungary · inspection by appointment

Lots: single units, any mix, or the full fleet of 23

Delivery: ex works; transport & recommissioning can be arranged

PRICE ON REQUEST

Volume pricing for 5+ units and for the complete lot. Full technical documentation (EN / UA) available.

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Data from the original manufacturer / integrator documentation; indicative only and not a warranty of condition or performance. Heated area figures are manufacturer estimates. Subject to prior sale.