

Position	Device / Module	Manufacturer / Model	Function	Technical parameters (approx.)	Comment
1	Uninterruptible Power Supply (UPS)	Riello UPS Multi Sentry 40 kVA	Ensures uninterrupted power for critical loads.	40 kVA / 32 kW; 3×400 V AC; 96% efficiency; VRLA batteries.	High-class UPS, still widely used.
2	Uninterruptible Power Supply (UPS)	Riello UPS Multi Dialog 15 kVA	Backup power for operational systems.	15 kVA / 12 kW; 3×400 V; 230/400 V output; 384 V DC battery string.	Reliable, older-generation UPS.
3	Dry-type transformer	ABB LV Systems SA.1 / 1001887-DT	6–10 kV → 0.4 kV voltage transformation.	400–630 kVA; 6/0.4 kV; AN cooling; TR230 temperature controller.	High-quality ABB transformer, lightly used.
4	Control and distribution cabinet group (3 units)	Axis Industries / Rittal TS8	Distribution of automation and protection circuits.	400 V AC; breakers, terminals, relays; Rittal SK3325107 ventilation.	High-quality industrial cabinet set.
5	Electrical distribution / automation cabinet row (5–6 cabinets)	Rittal / ABB / Phoenix Contact / Eaton	Control of building or industrial electrical circuits.	400 V AC, 50 Hz; 100–200 kVA capacity; relays, breakers, contactors.	Quality cabinet assembly suitable for reuse after dismantling.
6	Control station + double-sided cabinet row (8 cabinets)	Axis Industries / Rittal TS8 + HMI station	Main control center with operator HMI.	400 V AC, 3-phase; 630 A; 24 V DC HMI; Ethernet/Profibus interfaces.	Complete automation module, suitable for reinstallation.
7	Booster draft fan motor (BTV-7)	TECO Westinghouse – 3-phase induction motor	Main drive motor for a high-power fan to maintain air or flue-gas flow.	Power 5600 kW; Voltage 6000 V; Current 658 A; Frequency 50 Hz; Speed 745 rpm; Efficiency 96.2%; Power factor 0.92; Bearings BBRN; Weight ~26,700 kg; Insulation class F; Condensate heater 220 V / 1200 W; RTD sensors on bearings and windings; Outdoor service, corrosion-proof design.	High-power TECO-Westinghouse industrial motor, operated indoors, no corrosion. Included in the BTV-7 fan set. Value remains high due to RTD sensors and heater configuration.
8	Seal air fans (BTVSV-7-1 ... BTVSV-7-6)	Howden / JHM (Jørgen Hansen Maskinfabrik A/S), models DST40-150-5.5/D and DST40-160-5.5/D	Supply sealing air to turbine, generator or boiler sealing systems.	Year 2007; Pressure 1,385–2,753 Pa; Airflow 1080–1368 m³/h; Motor: ABB 3 kW (400/690 V, IP55, S1, PTC); Speed 2860 rpm; Weight 130 kg; Adjustable air dampers; mounted on common frame.	Quality Danish-made Howden / JHM fans with ABB motors. All units operational, mechanical condition good.
9	Hydraulic oil system (for BTV-7 bearings and dampers)	Howden Power A/S (Denmark) / PMC Technology A/S	Lubrication and damper control system for BTV-7 fan bearings and mechanisms.	Year 2007; Pumps: 2 × 5.5 kW, 1410 rpm, Q = 12 cm³/rev; Pressure 12 bar (28 bar max); Oil tank ~150–200 L; Filtration with Magnehelic pressure indicators; Stainless-steel piping; Manual valves.	Dual-pump system (duty/standby) with pressure indication. Only superficial corrosion. Structurally sound, ready for operation.
10	Slag pump SHMS-7 / SRPrS-7	Metso Minerals (Finland) / motor BUSCK Y2-200L-4 (Denmark)	Transport of slag or ash slurry to collection or cooling systems.	Model MHC150-S C5; Motor power 30 kW, 1470 rpm; Current 54.7 A; Voltage 380/415 V; IP55; Insulation class F; Weight ~630 kg; Pressure up to 6 bar; Capacity ~200–300 m³/h; Year 2007.	Centrifugal slurry pump for abrasive mixtures, metal casing with rubber liners. Metso MHC series – reliable industrial standard.
11	Vertical slag / drainage pump (SRDS-7)	Metso Minerals (Finland) / Busck Electric (Denmark)	Vertical pump for slag or condensate recirculation, operating in a pit or reservoir.	Metso Slurry Pumps (MHC / SRD series); Motor Busck Y2-200L-4; 30 kW, 1470 rpm; IP55, EFF2, Class F; 380–415 V Δ / 660–715 V Y; S1 duty; Total weight ~600 kg.	SRDS-7 is equivalent to SHMS / SRPrS series, but in vertical design. Suitable for slag pits or condensate sumps. Condition good, operational.

12	Oxidation air centrifugal compressor (OXOK-7)	HV Turbo A/S (DK) – KA22S/7388 + ELIN 710 kW motor	High-power air supply for FGD oxidation (SO ₂ → SO ₃).	Year 2007; Q 21,500 Nm ³ /h; Δp 105 kPa; n 2987 rpm (max 13,555 rpm); Motor 710 kW; p _{in} 1.013 bar / p _{out} 2.063 bar; T _{in} max 30 °C; acoustic enclosure (2 top fans).	Single-stage, oil-lubricated oxidation air blower. Good condition; enclosure intact. Value increased by complete package (coupling, control cabinet).
13	Condensate expander (steam system vessel)	TERMOIZOLA (LT) – SVI-7 KALOR.PL.	Condensate expansion and gas separation before returning to the line/system.	Reg. SI-02-03283; Ps 13 bar; periodic inspections VIP 2017-03, VA 2023-07; horizontal steel vessel; insulation with stainless cladding; medium: steam/condensate; temperature up to ~200 °C.	Very good condition, insulation intact, clear marking. PED-compliant; suitable for immediate use.
14	Air receiver / tank (SOR-7)	GÄVLE GALVAN TK AB (SE) – Luftbehållare, 900 L	Compressed-air storage and pulsation damping.	900 L; PS 11 bar; PT 15.7 bar; TS –10...+50 °C; 2007; VIP 2018-04, VA 2023-05; material: steel; CE-0640.	Good condition, minor paint damage. Used in common compressor/oxidation air line.
15	Pneumatic rotary actuator	ARMATEC (SE) – AT-381V2 + ELOMATIC OSH	Automatic control of ball/butterfly valves.	Max 8 bar; –20...+80 °C; aluminium housing (epoxy yellow); double-acting; ISO 5211/NAMUR; position sensor ELOMATIC OSH (IP67, Ex).	Good condition; tight joints. Often used on steam/condensate lines. Added value from photo-documented pipeline tag/flow direction.
16	Automated control valves (section)	ARMATEC AT-331N42/N45/N55 + SIEMENS SIPART PS2 (6DR5210-0EG00-0AA0) + ASCO Numatics 551	Pneumatic valves with positioners for PLC/DCS control (air/steam/condensate flows).	Double-acting; max 8 bar; –20...+80 °C; ATEX II 2GD; SIPART PS2 4–20 mA, IP65, Ex; ASCO 5/2, 24 VDC; ISO 5211/NAMUR/G¼.	High-class assemblies (ATEX, Siemens, ASCO). Typically installed in 7T-211...7T-239 area. Excellent base for “plug-and-run” resale.
17	Variable-frequency drive (VFD)	Schneider / Telemecanique – Altivar 21 (ATV21WU55N4)	Speed control of 3-phase motors (HVAC pumps/fans).	5.5 kW; 380–480 V AC 3~; 50/60 Hz; I _{out} ≤12 A; PWM; cabinet-mounted; IP20; local keypad; S/N 6W0634001003 (FR); label: “Blowing fan S.V.RPV-7”.	Good condition; display works. Value added by parameter backup, Modbus/BACnet confirmation and clean interior.
18	Electric valve actuator	AUMA (DE) – SAR 07.5, AC 01.1, VDG 63.40/50	Electric actuator for dampers/valves (Local/Remote).	30–60 Nm; 32 rpm; motor 1.5 kW, 3×400 V, 50 Hz; IP67; –25...+60 °C; manual “Handmanöver”; integrated AC01.1 controller; VDG63 gearbox (≈4.7 A).	Very good condition; clear labels, dry connections. Reliable industrial standard in power sector.
19	Variable-load spring hanger	Unmarked (likely LISEGA / PT&P / C&P)	Compensation of vertical pipe displacement (steam, condensate, hot air).	Load 100–5000 N; travel ±25–100 mm; steel housing; top hook / bottom joint; temperature –20...+200 °C; force-indicator scale.	Good condition; indicators readable. Value increases with identified manufacturer and calibration/certification data.
20	Electric valve/butterfly actuator	AUMA (DE) – SA 12.1 / GS 160.3 (or SAR 07.5 + AC)	Electric actuator with screw gearbox for large dampers.	Motor 5.5 kW, 3×400 V, 50 Hz; up to ~800 Nm (GS160.3); i≈54:1; ~32 rpm; IP67; –25...+60 °C; manual override; CE, EN 15714-2.	Very good condition; tidy mounting. Added value from AC/AM controller test and oil/insulation test reports.
21	Actuator for ball valve (EX limit switch)	Masoneilan / Dresser (US) – Compact II + SV12-111114 (Ex d IIB T6, IP66)	Automatic opening/closing (electric/pneumatic) of technical gas, air, steam or liquid lines.	Operating pressure ≤10 bar; ~80–150 Nm (depending on version); –40...+85 °C; 30 VDC, 4–20 mA; ATEX/EX; often supplied together with ball valve.	Very good condition; tight flanges. Value increased by specified valve DN/PN and material (e.g. SS316) plus functional test.

22	Gypsum slurry hydrocyclone module (4 units)	7Gi-509 ... 7Gi-512 (likely Krebs/Weir/FLS/GEA – not identified)	Separation of solid gypsum particles in FGD process.	Material PP/FRP/HDPE; inlet pressure ~2–3 bar; 10–30 m³/h per unit; 4× hydrocyclones on distribution hopper; PVC valves; pressure gauge; service platform.	Medium–good: deposits and flange corrosion, but structure sound. Value depends on manufacturer identification and liner condition assessment.
23	Axial flow fan with silencer (SVRPV-7)	Fläkt Woods – SB31401 / Ø710 mm	Air circulation/extraction in process rooms or ducts.	Axial fan; Al blades (adjustable pitch); Ø710 mm; ~10,000–14,000 m³/h; motor 3×400 V, 50 Hz, 7.5–15 kW; 1440 rpm; noise ~65–75 dB(A); duct-mounted with anti-vibration; silencer included.	Very good condition; galvanized casing, sealed terminal box. Value increased by exact motor kW/A data and silencer performance documentation.
24	Variable-frequency drive (VFD)	Telemecanique / Schneider Altivar 21 (SVRTV-7-1 / SVRTV-7-2)	Motor speed control (fans/pumps).	55 kW; 380–480 V AC, 3~; ~105–110 A; V/F control; 0.5–400 Hz; LOC/REM; IP20/21; Modbus/analog.	Excellent condition; clean housing, working HMI. Frequently used in air-supply ducts.
25	Metal platforms and stairways	Custom fabrication (S235/S355; HDG)	Access to equipment at height.	HDG 70–100 µm; steel grating; ≥2.5–5.0 kN/m²; handrail height 1.1 m; step spacing ~1.2 m; anchored fixing.	Very good condition. Complies with EN ISO 14122 and EN 1090-1.
26	Outdoor cooling unit	Fujitsu air condenser (R407C)	Cooling of HVAC/process circuit.	Refrigerant R407C; ~25–40 kW; 3×400 V; 2× axial fans; IP44; outdoor installation.	Medium condition.
27	Centrifugal fan with control	VZEA BP 266-46 №7 + control box	Provision of air/gas flow.	11 kW; 380 V; 1500 rpm; ~8,000–12,000 m³/h; ≤1200 Pa; steel casing; mobile frame.	Good condition; mobile set for testing or auxiliary draft.
28	Process controllers	HACH LANGE SC100 / SC60	Data handling from sensors (pH, ORP, conductivity, DO, Cl₂, NTU).	100–240 V AC; LCD; 0/4–20 mA; relays; RS485 Modbus; IP65; –20...+60 °C.	Good condition.
29	Screw air compressor (SOK-1)	Atlas Copco GA160 (AIF-116947)	Compressed-air supply.	166 kW; 10 bar; 1488 rpm; ~27–30 m³/min; Elektronikon®; 2006.	Very good condition; panel works, no visible leaks.
30	Adsorption air dryers	Atlas Copco BD390 / SAODŽ-1/2	Air drying down to –40...–70 °C dew point.	2006; 11 bar; PT 16 bar; 2×316 L columns; Elektronikon®; DD390P filters; ~23 m³/min.	Fully equipped drying system, prepared to work with GA160.
31	Screw air compressor (SOK-2)	Atlas Copco GA160 (AIF-116946)	Compressed-air supply (standby).	166 kW; 10 bar; 1488 rpm; ~27–30 m³/min; Elektronikon®; 2006.	Very good condition; panel works, no leaks visible.
32	Seal air fan	DSV-7	Supply of seal air to flue-gas duct.	Q 2468 m³/h; n 1415 rpm; N 4 kW.	Used; good mechanical condition; can be sold together with duct/valve.
33	Insulator cooling fan	EIV-7B	Cooling air supply for insulator.	Q 7000 m³/h; n 2880 rpm; N 11 kW.	Installed with heat-exchanger block; can be sold as a set.
34	Air receiver (OR-7-2)	OKS Otto Klein GmbH (DE)	Pressure stabilisation / pulsation damping.	500 L; PS 11 bar; –10...+80 °C; 2006; AD2000; reg. No. 135; inspection 2022-01.	Galvanized; clear marking; suitable for compressor systems.
35	Oil–condensate separator	Atlas Copco OSC 825W	Separation of oil from condensate.	2006; ~28 kg; capacity for systems up to ~1500–2000 m³/h; double cartridge (activated carbon).	Good condition; cartridge replacement interval ~4–8k operating hours.
36	Rotary feeder (airlock)	ANDRITZ SPROUT RS10-7B-11	Dosing/sealing of bulk materials.	0.75–0.8 kW; 2008; cast-iron housing; 8-blade rotor.	Operational; cosmetic refurbishment (cleaning/painting) recommended.

37	Ash “ash-hopper” modules	Clyde Bergemann (EPK-7A/B)	Ash collection and pneumatic discharge.	7 bar; 24 VDC; double-acting pneumatic valves; control cabinet; pressure gauge; heated insulation; ~2018.	Power-plant grade modules; complete, working sets.
38	TR set for ESP power supply	ADOR Powertron ADOR-CORONA	High-voltage DC supply for ESP sections.	400 V / 50 Hz → 80–95 kV DC / 1.4 A; 145 kVA; ONAN; ~615 L oil; ~1650 kg.	Complete, well-maintained sets; 12 units form a full ESP system.