

1	COMBI
1.a.1	SIDEL SBO 8 U2Eco, pitch 50mm
1.a.2	Preform Feeder (PM type)
1.a.3	Air recovery system - AirEco1
1.a.4	Preform de-dusting module
1.a.5	UV lamps on the infeed rail for preforms
1.a.7	Single hydraulic preform dumper
1.a.9	Main format 1,5L
1.a.10	1 bottle design and 1 bottle sample for main format 1,5L
1.a.11	Main format 1,5L - 2nd base (same shells)
1.a.12	1 additional bottle design and 1 bottle sample for main format 1,5L - 2nd base
1.a.13	SIDEL Eurotronica FM-C 60, pitch 113mm (suitable for only one neck PCO 1881)
1.a.14	Combi transfer table - 3 starwheels
1.a.15	Bottle bottom cooling
1.a.16	External product tank in AISI 316 (out in case of Mixer by Sidel, price reduction already observed in the Mixer option)
1.a.18	CIP return pump
1.a.20	Parts (tank, piping, filling valves) in continuous contact with product in S/S AISI 316/316L
1.a.21	Protection cover with air filtration unit (dynamic overpressured area)
1.a.27	Main format 1,5L
1.a.28	Arol Euro PK Top Part: 10 heads, pitch 113 * suitable for only 1 neck 1881 & 1 flat cap
1.a.29	Bottom part - Neck Handling (Step 1): 10 heads, pitch 113
1.a.30	Spiral buffer for cap with the same diameter - small size
1.a.31	Quick release Pick and Place
1.a.32	Head type: PK 315
1.a.33	Metal sleeve identification plaques
1.a.34	Washable level: les evolution
1.a.36	Sport cap prearrangement
1.a.37	SPORT CAP options mandatory (see following positions)
1.a.38	Additional 1 meter chute for second closure to enter the spiral buffer - mandatory for sport cap
1.a.39	Quick release Pick and Place - mandatory for sport cap
1.a.40	Pick and Place accessories (Additional transfer disc + accessories) - mandatory for sport cap
1.a.41	Retractable guide: pneumatic - mandatory for sport cap
1.a.42	Extra Set of chucks PK 315 for sport caps - mandatory for sport cap

1.a.43	GEBO Aidlin 18-18 Caps elevator (approval of flat- and sport caps in case of feasibility and performance is mandatory)	
1.a.44	First discharge at 2800mm	
1.a.45	Second discharge at 3600mm	
1.a.46	Cap dedusting for Aidlin 18-18 (Cap rinser)	
1.a.47	Rejection system for ringless flat caps	
1.a.48	Rejection system for upside down flat caps	
1.a.49	Rejection system for wrong oriented sport caps	
1.a.50	Chute for flat caps	
1.a.51	Chute for sport caps	
1.a.52	Mixer	
2	INSPECTOR	
2.a.1	FT-System CL600	
2.a.2	Fill level inspection	
2.a.3	Cap presence inspection	
2.a.4	Rejection in bin (mono-push ejector)	
5	LABELLER	
5.a.1	SIDEL RollQuattro F15 18T/R/HH3 (filled bottle, line configuration)	
5.a.2	Main format 1.5L	
5.a.3	Main format 1,5L - 2nd base (same bottle shape)	
5.a.4	Feed screw support for filled bottles	
5.a.5	Automatic adjustment of top carousel height	
5.a.6	Automatic adjustment of bottles rotation speed	
5.a.7	Starwheels with container jam safety switch	
5.a.8	Infeed Fallen Bottles Safety Devices	
5.a.9	Jammed bottles safety accumulation table at the outfeed	
5.a.10	Single Blade Cutting Roller	
5.a.11	Vacuum Type Transfer Roller without Grippers	
5.a.12	CE Standard (Elau motion and PLC ; HMI B&R)	
5.a.13	Standard Electrical Cabinet for voltage 400V 50Hz	
5.a.16	Label presence detection system with bottle ejector	
5.a.17	Antistatic device	
6	CODER	
6.a.1	Coder - Markem-Imaje 9232	
6.a.2	Printer with cable Europe Standard	
6.a.3	Mounting kit and cables	
6.a.4	Draining and rinsing kit	
6.a.5	Alarm beacon, 3 colors	

7	PACKER GEBO-CERMEX
7.a.1	Shrink wrapping machine - Gebo-Cermex Typ Versafilm 4S-F SFR film only
7.a.2	Eye mark detection
7.a.3	Infeed adjustment by screw on 4 lanes
7.a.5	Motorized belt at tunnel outfeed
7.a.8	1st format program and equipment for flat and petaloid base
8	PALLETIZER GEBO-CERMEX
8.a.1	Palletizer - Gebo-Cermex Typp PAL-KOMBI
8.a.2	Double infeed belt for pack separation
8.a.3	Pack rotation system
8.a.4	Rollers
8.a.5	90° machine infeed
8.a.6	Pallet stacking/destacking system
8.a.7	Conveyor inside the machine
8.a.8	Motors with inverters
8.a.9	Locked safety doors and safty barriers
8.a.10	Electrical cabinet with airconditioning
8.a.11	Complete system for interlayer application
8.a.12	Access doors (3x)
8.a.13	Electrical panel, PLC Siemens, Software
8.a.14	Automatic pallet stretch wrapping machine - Robopac Typ HELIX 1
8.a.15	Safty protection at infeed and outfeed
8.a.16	Cuttet film handling device
8.a.17	Roller conveyors inside the stretch wrapper
8.a.18	Pallet lifting device during the wrapping process
9	HANDEL APPLICATOR TWINPACK
9.a.1	Handel applicator - Twinpack Typ MDE
9.a.2	Touch screen operator display
9.a.3	Height adjustment
9.a.5	Arch handle device for product collation 4x3
9.a.6	1st format
10	CHILLER
10.a.1	Chiller CTA - IPC 302 INDOOR VERSION
10.a.2	Chiller configuration IPC (centrifugal type)
10.a.3	Water outlet & inlet with flanges
10.a.4	Anti-freeze thermostat
10.a.5	Automatic filling system

11	COMPRESSOR 37 BAR
11.a.1	Compressor 37 BAR AF - CE46B INDOOR VERSION
11.a.2	Closed cooling tower with heating system
11.a.3	Shut off valve
11.a.4	Pressure reducer 40 to 7 bar
11.a.5	Non return valve
11.a.6	INVERTER
11.a.7	IP 54 Motor enclosure for dusty and wet environment
12	BOTTLE CONVEYORS
12.a.1	Bottle conveyors - Gebo (in according to layout no. 10262-A-3a) - SEW drives - plastic chain
12.a.2	Drip Trays (without collectors)
12.a.3	Lubrication supply (wet)
12.a.4	Electrical panel and software
13	CONVEYORS BOTTLE/PACK EOL GEBO-CERMEX
13.a.1	Bottle / Pack conveyors EOL (starting after the Labeler)
13.a.2	Bottle conveyors
13.a.3	Dripping pan
13.a.4	Wet lubrication nozzles only
13.a.5	Pack conveyors
13.a.6	Slat chain conveyors
13.a.7	Manual side guides adjustment
13.a.8	Electrical Installion parts