

**Top Quality Used Equipment**  
From single machines to full breweries



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## **JADE News BrauBeviale 2019**

### **JADE Group in Nut Shell**

- We are professional equipment traders who are dedicated to provide you safe and affordable solutions to your equipment needs
- JADE Trading Group is an official equipment broker or trader for various beer and beverage companies in Europe, Russia and Latin America.
- We are concentrating on good quality European made equipment and processes
- Currently we are serving you in five different locations across Europe and Latin America
- JADE can provide complete relocation and refurbishing services through our professional partners

In this equipment brochure we have 11 items which are marked with **“Will be sold at special price as BrauBeviale deal”** We have slashed the prices of these items for deals during the Brau – It is the best time to buy these during the show

### **6942018 Complete Beer Brew Line Steinecker 650 hl / brew, 12 brews / day**

- This beer brew line from malt mill to wort cooler was made by Steinecker in year 2002.
- It has 20 t/h wet Variomill, two mash tanks and one rice cooker, wort kettle with internal heater, lauter tun with spent grain system and buffer tank, whirlpool filtration with trub tank.
- Beer gravity up to 21.5 Plato, malt through up to 14200 kg/brew
- Brew line is controlled Steinecker BOTEK control system with Siemens Simatic S7 PLCs.
- Brew house was in operation till end of 2015, still installed, intact and in very good condition.
- Documentation is in English and Russian, PLC backup copies available
- **Will be sold at special price as BrauBeviale deal – ask an offer!**



**Meet Us at  
BrauBeviale2019**  
Nuremberg, Germany | 12-14 November

**Hall 7, Stand 258**

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### **Ref 7522019 Glass bottle filling line Framax 2500 bph for beer - 2015**

- Delivered by Framax, Italy in year 2015, having only 300 operating hours
- Framax ModulBlock with 12 station rinser, 12 filling valves and 1 crown cork capper
- Counter pressure (Isobaric) filler with double pre-evacuation
- Capacity 2500 bph in 330 ml and 2000 bph in 500 ml glass bottles
- Rotary labeling machine with 3 labeling station for self-adhesive labels
- Complete line, suitable for carbonated drinks, new like condition



### **6632018 KHS Returnable Glass Filling Line 50 000 bottles / hour - 2008**

- Complete line made by KHS in year 2008 from crate pallet intake to full crate pallet outfeed
- Operation was stopped in year 2009 and it was then properly cleaned and preserved
- Equipment has just 3600 total working hours and presently complete line is in perfect condition.
- Used for beer filling in 0.5 liter returnable glass bottles with crown cork
- Bottles arriving and leaving in plastic crates placed on wooden pallets.
- Full documentation in German and Russian language, PLC programs with comments in German language, all Touch screens have English, German and Russian language interfaces







### **6662018 Kronos Dry Aseptic PET Line with Contipure AseptBloc - 2013**

- Dry aseptic PET line suitable for low-acid, pulpy and fibrous fruit juices, non-carbonated beverages, ice tea and dairy products.
- The hygienic level is so high that also milk-based infant formulas are possible.
- Line was installed in 2013, still in operation and having approx. 24000 operating hours
- Line capacity is 24 000 bph in 0.5 liter PET bottles with 38 mm wide mouth screw cap
- Comes with 8 complete different set of exchange parts from 0.33 to 1.5 liter .
- The delivery includes the product deaeration and pasteurizer, preform feeding and sterilization, aseptic blower-filler-capper block, CIP line, cap feeding and sterilization system, bottle and label and inspection systems, shrink packer, handle applicator and conveyors. Palletizer is excluded.



### **7132019 Aseptic Filling Line for Juices and Dairy Products ELOPAK 8100 cartons / hour**

- Excellent condition fully aseptic carton packing line made by Elopak in 2008
- It is designed for aseptic filling of low PH (4.5) products, like fruit juices with or without pulp, nectars and other non-carbonated fruit containing beverages at room temperature
- Filling type aseptic-volumetric in 500 ml, 750ml and 1000 ml barrier board product and further package containers on carton box for distribution
- Carton Pure-Pak Curve, standard 75x75 mm cross section
- Capacity up to 8100 cartons/h, total running hours 5500 only





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### 7532019 Ultra-Clean Aseptic Filling Line Krones PET 22000 bph - 2010

- Complete Ultra Clean filling line for carbonated juices, beverages, water, ciders etc.
- Made by Krones in year 2010 with GEA made aseptic processing plant
- Krones Contiform Bloc where 12 cavity blow molder is directly connected with ultra clean - aseptic 66-valve filling bloc without air conveyor
- Filling valves are sterilized with steam and the rest with Peracetic Acid  $C_2H_4O_3$  solution
- Capacity 22000 bph in 0.5 L and 14000 in 1.5 L PET with PCO 1810 - 28 mm cap
- Equipment is very well maintained by Krones and in excellent condition



### 7222019 Glass Bottle Filling line for Beer Krones 55 000 bph with BWM

- Complete line made by Krones in year 2004 and remodeled in 2006 and 2008 with new KHS depalletizer, Europool dryer and Krones Multimodule labeler
- Designed for filling beer in returnable 0.5 liter glass bottles which arrive on wooden pallets like new bottles.
- Capacity is 55000 bph in 0.5 liters, labels either pre-cut paper (hot glue) or roll fed self-adhesive secondary packaging in tray shrink packages.
- Filler – capper Krones Mecafill VK2V 130-037 (year 2000). Operation stopped in year 2015, still installed and powered.





### **7212019 PET Bottle Filling Line for Beer and CSD Krones 22 000 bph with mixer**

- Complete line for mixing and filling carbonated drinks in 0.5-2.5 liter PET bottles
- Delivered by Krones in year 2002 and it was in operation till 2015, still installed and powered
- Blow molder Contiform 21 with AF CE 680 air compressor, filler Krones Megafill VKP-PET 108/12 with rinser, labeler Contiol, shrink packer Variopak TSF 70, mixer Krones DAP 22 000
- All equipment well maintained, total running hours approx. 50 000



### **6882018 Complete Beer brewery Huppmann 145 hl/brew or 300 000 hl / year**

- Brewhouse is made by Huppmann in 1998 – 2002 and it was in operation till 2017
- Brew size is 145 hl, 6-8 brews / day and annual brewing capacity is 300 000 hl.
- Malt mill Huppmann-Millstar, wet milling, 5 ton per hour, grade 0.4 mm year 1998
- Mash tun kettle 180 hl, lauter tun / filter tun 215 hl and wort kettle 233 hl ,
- Tank farm has Holvrieka CCT 13 x 1420 hl and 4 x 730 hl Hair BBT tanks
- Beer filtration line Filtrox 150 hl/h with Kieselguhr and PVPP filters
- KHS Returnable Glass line 20000 bph (needs service)
- Brew line is controlled with Siemens S7 series PLCs and Huppmann made PC based brewery program
- Utilities, CO2 recovery, complete technological systems are still installed and intact







**7372019 Beer Brew House Steinecker 160 hl, Malt and Yeast Department – 2002**

- Complete Brewhouse made by Steinecker, in 2002 with yeast and malt department
- Brew size is 160 hl, it can run 8 brew/day with 16 Plato, malt through is 2600 kg/brew.
- Malt handling 5 t/h line made by Seeger and yeast plant made by Steinecker
- Pre-run tank 98 hl, mash tun 159 hl, lauter tun 198 hl, Merlin wort kettle, whirlpool 210 hl.
- Brew line has original Steinecker brewery automation with Siemens S7 PLCs – only 2 men per shift are needed



**6182018 Automatic CIP Line Simonazzi Autosan R4 - refurbished 2018**

- Refurbished in 2018 now in warehouse ready for immediate shipment
- Main tanks 4 x 6 m<sup>3</sup>, two washing circuits, three chemical dosing stations
- New PLC controls with Siemens Simatic S7 and Siemens HMI touch screen
- All pumps, valves and instruments are thoroughly maintained
- **Will be sold at special price as BrauBeviale deal – ask an offer!**





### **7072018 Labeling Machine KHS Innoket RU360S/145 WrapAround - 2011**

- OPP wrap-around labeler with capacity up to 43 560 bph (0.5 ltr)
- Labeler was professionally dismantled in March 2009 and is now in warm warehouse
- Used for PET bottles of different sizes (0.5 to 2.0 ltr) in 13 different formats
- It has one labeling station for film labels with double reel feed and two cutting units
- Running hours approx 41 000 hours, full documentation, a large set of spare parts



### **6732018 Labeling Machine Krones Multimodul 2.400 – 2006**

- The machine was manufactured by Krones in year 2006
- It has three stations for hot glue plastic and three stations for cold glue paper labels.
- Used for glass bottles 0.33 and 0.50 liters, front, back, neck, both paper and plastic
- Bottle turtles are servo controlled, it has a camera orientation, PLC Siemens Simatic S7-300
- Optionally available EUROPOOL Dryer, Domino coder and Checkmat label inspector
- This unit will be refurbished, set up for your bottle size and it comes with 3-months warranty





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### 4662017 Automatic Sleeving Machine Krones Sleevematic M2 - 2008

- Excellent condition Sleevematic M2 year 2008 and having approx 600 operating hours
- Last major maintenance has been done prior to the machines stop and regular cleanings, inspections and lubrications are still performed
- Used for 355 ml glass bottles, capacity 30 000 bph
- Machine is currently installed and connected – power up test can be performed.
- The delivery includes a sleeving machine, shrink tunnel, bottle dryer and control cabinets with Siemens Simatic S7 PLC



### 7062019 Labeling Machine Krones Multimodule II PSL 2400-60-125.6 - 2010

- Manufactured in year 2010 by Krones and it has been operated very limited hours till year 2014
- It was then dismantled under Krones supervision and has been kept in warm warehouse
- Six plug-in type APS (Autarkic Pressure Sensitive) 4-Spender labeling stations for pressure sensitive self-adhesive film labels and three plug-in type gold glue paper labeling stations.
- Capacity 50 000 bph, paper labels to be placed on front-back-neck of a bottle.
- Container tables are powered by a computer-controlled actuator with servo motors.
- Camera orientation for precise position of label..
- As an optional we can offer Krones Checkmat label inspector and Krones 3-stage bottle dryer used with this Multimodule labeler.



This Krones Multimodule II PSL is identical to JADE Ref 7062019 Next serie number This has only more operating hours and is installed





**7552019 Hot fill Filler-Capper Borelli Compact for 70 ml and 250 ml PET 3000 bph - 2014**

- For hot filling of fruit and vegetable juices without CO2 in to PET bottles
- Borelli Compact RMC 12 filling valve gravity filler and Arol PK one head capper
- Made in year 2014 and having less than 10000 operating hours only
- Capacity 40-50 bpm, 70 ml and 250 ml with screw PET caps 28 mm and 38 mm
- The machine is fully automatic and in very good condition.
- It was dismantled in April 2019 and now in warm warehouse



**Ref 7512019 Candle filter with kieselguhr 4000 l/h for Beer and Cider - 2018**

- For beer or cider filtration with dosing equipment and internal auto-rinse
- Made in year 2018 by Czech brewery system and used only for one batch of beer
- Recommended product flow rate 2500-4000 liters per hour
- Type KNF5, filtration area 5 m2, 20 candles, filter grid 60 microns
- All stainless steel built on one frame with wheels for easy relocation



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### 6302018 Beer KEG Filling Line KHS – GEA Till 3 x 60 KEG/h – 1999

- KEG filling plant with 3 units of KHS GEA Till TRANSOMAT 3/1 filling units
- Flash pasteurizer KHS (GEA Ecoflex GmbH.) VT 20, capacity 60 hl/h
- State of art finished product scale system with Mettler Toledo XE 100, year 2015
- Control system upgraded into Siemens Simatic S7 PLC
- Line was shot down 2017, is still installed and powered
- **Will be sold at special price as BrauBeviale deal – ask an offer!**



### 7332019 Candle Filter PVPP Filtrox 150 hl with automatic CIP

- Very little used PVPP filtration system delivered by Filtrox in year 2008
- PVPP Candle Filter Filtrox FOM 150S D6R/5000, capacity 150 hl/h
- PVPP dosing system Dosimat G4000 with mixer
- CIP line, one circuit, 2 x 100 hl tanks
- Own control system with Siemens Simatic S7-300 PLC
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### 4632017 Mash Filter MEURA 2001 with 48 pcs of 1800 x 2000 mm plates

- Complete Meura mash filtration system from wort pump to filtered beer outlet and it includes sparging water tank with a pump and spent grain pneumatic discharge system.
- The equipment was installed in year 2000 in 550 hl beer brew line and the operation was closed in year 2010. The line was preserved properly for long term stoppage first filled with water and later dried completely.
- The filter has 48 polypropylene plates size 1800 x 2000 mm with membrane cloths and hydraulic jack for opening and closing of the plates. The equipment is in good condition.
- Control PLC is Siemens Simatic S7



### 7592019 Tunnel Pasteurizer Krones-Sander Hansen 50 000 bph – 2007

- Two deck design with 5 pasteurization zones and 5+1 cooling zones
- Capacity 50 000 bph in 0.5 liters, suitable for PET and aluminum cans
- Bets are new, made of Polypropylene, commercial name Intralox Raised Rip 400
- Equipment has been operated only about 500 hours as a pasteurizer and few years as an accumulation table
- Infeed and outfeed conveyors type Rexnord, 5 track, Plastic, 425mm
- Control PLS is Siemens S 7 PLC, English language with Krones Touch Screen





**6752018 Palletizer KHS Innopal with Pallet Magazine and Stretch Wrapper 450 layers/h**

- Complete high capacity palletizing station KHS Innopal BB 2 N H1 with Ropopac, year 2004
- Suitable various packaging such as cartons, trays, shrink packs and individual packets.
- Station includes a two-line infeed with a twin-column KHS palletizer, pallet magazine, Ropopac Helix HS 40 pallet wrapping machine with top press, pallet marker and approx. 10 meters of pallet conveyors.
- Optional equipment is package infeed conveyor, package labeler, Nordson hot glue spray system for anti-skidding / adhesive package top formation, pallet down load elevator and additional roller conveyors for pallets
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**6712018 Depalletizer KHS Innopal AS-1-H with pallet magazine - 2006**

- High performance depalletizer Innopal AS-1-H with Merkant 1 AHS-PL pallet magazine
- Capacity 420 layer/hour (60 000 bph) made by KHS in 2006, still installed
- Complete palletizing system with pallet infeed and outfeed conveyors, pallet magazine, bottle outfeed conveyor, layer removal robot with layer magazine, metal structure for whole system and control system
- Pallet sizes 800 x 1450 mm and 1000 x 1250 mm, max pallet height 3000 mm
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### 3512015 Depalletizer and Transport System Manex - 2008

- Manufacturer Czech MANEX & Co a.s. in year 2008
- Capacity 47000 bph 0.5 liter new glass bottles but can be easily converted to cans
- In operation till year 2014 and now in our warehouse in Finland
- System includes full pallet intake conveyor, robot for removing and stacking cardboard between the layers, conveyors for transporting the bottles to the next unit and stacking/removing system for pallets and empty pallet magazine
- Control system is Siemens Simatic S 7 series
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### 6622018 Injection Molding Machine for PET Preforms, Husky G 600 PET

- Complete still installed preform production line made by Husky in year 2005
- Nominal capacity 18600 preform with weight 44 gram for 1.5-liter PET bottles.
- Mold for 96 preforms, neck format is Light BPF, clamping cycle 18 seconds
- Machine type G 600 PET P/120/130 E140, total operating hours 60312
- Equipment was upgraded with new HMI control panel and thoroughly serviced by Husky in year 2012. The operation was stopped in year 2014
- Husky condition inspection report from year 2017 available







#### **4452017 Injection Molding Machine Husky Hylectric H300 for PET bottle closures**

- Two Husky H300 machines, types RS95/80 and RS80/70 with auxiliaries
- Both with 64 cavity Corvaglia molds to produce 28 mm PET caps according to standard light BPF 28 mm at speed of 36 000 caps / hour
- Operation hours 45000 and 58000 hours, stopped in 2015 in full operation condition
- As an option, we have cap laser printing machine ROTOPRINT 3, capacity 80 000 cph available and it has been working with these two machines
- **Will be sold at special price as BrauBeviale deal – ask an offer!**



#### **7582019 Stretch Blow Molder BLOMAX 16 serie III – 2005**

- Made in year 2005 by SIG Corpoplast, around 35 000 operating hours and in good condition
- Capacity 22 000 bph in 2.0 liters, used for 1.5 and 2.5-liter PCO 1881-28 mm PET bottles
- Delivery includes Simonazzi made preform kipper and infeed system
- Three sets of used molds will be a part of the delivery
- It has been regularly serviced strict in accordance with the manufacturer's guidelines
- Control PLC Siemens Simatic S7 – equipment installed and in good condition
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**Ref 7082019 Blow Molder ARCOR MultiBLOW 2, 6000 bph - 2012**

- Four cavity linear machine with preform feeding and unused MTA chiller
- Made by German ARCOR ( Atlantic C) in year 2012, capacity 6000 bph
- Total operating hours approx 4000 only and in excellent condition
- Energy saving for pressure air, comes with a large set of spares
- Four sets of mold frames and one set of PCO 1881 - 28 mm molds
- A large set of new original spare parts



**Ref 7482019 Air Compressor Atlas Copco ZR 250 FF Oil Free 41.5 m<sup>3</sup>/min at 8.6 bar**

- Screw type, double stage, water cooled and oil free air compressor
- Made by Atlas Copco in year 2005 having 20000 operating hours FAD 41.5 m<sup>3</sup>/min
- FF (Full Feature) has an integrated IMD adsorption dryer which eliminates the moisture before pressurized air outlet to the air net, ensuring a reliable process and an impeccable end product.
- The package is controlled with a Elektronikon® MK4 control system
- **Will be sold at special price as BrauBeviale deal – ask an offer!**



**5662018 Air Compressor 40 bar Atelier Francois CE68A 35 m<sup>3</sup>/h**

- Three-stage intercooled high pressure air compressor was built in year 2005 and it is till installed but operation was stopped in year 2014
- FAD (Free Air Delivery) 35 m<sup>3</sup>/min at 40 bar, electric motor 355 kW /400 V
- Hankinson HP air dryer, 1000-liter 40 bar air bottle and BAC cooler are a part of the delivery
- Total operating hours approx. 40 000, good condition machine

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