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AUCTION CATALOGUE HIGHLIGHTS (ENGLISH)

Duisburg Special Tubes GmbH, 420 lots

On behalf of the beneficiaries we will be auctioning the well-preserved machines and equipment of Duisburg Special Tubes GmbH, manufacturers of seamless precision tubes in a live auction on location in Duisburg. Available lots include cold pilger mills, vacuum furnaces, rotary ultrasonic testing machines, cladding tube grinding machines, roller leveling machines, roll straightening machines, ultrasonic measuring/testing systems as well as the vehicle fleet and the business & operating equipment of the company.

AUCTION

Live Auction

Thursday, October 10, 2019 from 11:00 h

on location at

Duisburg Special Tubes GmbH

Wörthstraße 173, D-47053 Duisburg

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VIEWING

Wednesday, October 9, 2019, 09:00–17:00 h

Thursday, October 10, 2019, 08:00–10:30 h

COLLECTION

Mon, October 14 to Fri, October 18 2019

Mon-thu 09:00-17:00 h, Fri 09:00-13:00 h

Large machinery by appointment

BIDDER REGISTRATION

<https://auktionen.lueders-partner.com/en>

TERMS & CONDITIONS

<https://lueders-partner.com/downloads/terms.pdf>

Lot	Designation	Description	Lot	Designation	Description
106	1 External Cylindrical Grinding Machine	GRANLUND, YOM 1984, 2,800 operating hours, control unit SIEMENS, model Sinumeric 5M, straight-line dressing device, measuring probe RENISHAW, air filter – Location: Pilger Hall Measuring Room	160	1 Cold Pilger Mill KPW 201	SMS MEER KPM75VVMR, YOM 1976, tube Ø 80 mm, stroke rate 160 strokes/min, continuous rotation with automatic reload, forward feed 2,3-4,5 mm, control cabinet, components: loading, inserter, spike rod, roller cage with clamping and unloading chucks, driving device, grease spear, spike thrust bearings, roller cage drive, crankshaft, unloading and air ejection station, weighing station, unloading driver, cold circular saw KALTENBACH, model KKS400E, machine no. 119897, YOM 1998, system control with operator panel, accessories, noise-protection cabin, additionally a spare hollow shaft – Location: Pilger Hall
107	1 External Cylindrical Grinding Machine	GRANLUND, YOM 1992, 2,800 operating hours, control unit SIEMENS, model Sinumeric 820 M, 3 axles, digital display HEIDENHAIN, measuring probe RENISHAW, max. width 400 mm, max. height 550 mm, coolant system POLO, belt filter – Location: Pilger Hall Toolmaking	161	1 Cold Pilger Mill KPW 222	SMS MEER, YOM 1992, tube Ø 0,75" (18 mm), stroke rate 100-350 strokes/min, forward feed 0,5-3,5 mm, components: loading station, inserter, inlet driver, roller cage with clamping and unloading chucks, roller cooling, outlet driver, chip-free separation station, outlet, switchboard cabinet, dual spiked thrust bearings, system control unit SIEMENS, model Simatic S7, operator panels, accessories, without cutting system – Location: Pilger Hall
108	1 Spike Grinding Machine	FORTUNA, Retrofitted control unit SIEMENS, model Sinumeric, hand wheel – Location:	162	1 Cold Pilger Mill KPW 221	SMS MEER, YOM 1991, tube Ø 0,75" (18 mm), stroke rate 100-350 strokes/min, continuous rotation with automatic reload, forward feed 0,5-3,5 mm, components: loading station with inserter, 4 inlet drivers, roller cage with unloading chucks, tube unloading with air ejection station, driver, unloading, control cabinet, dual spike thrust bearings, SPS system control SIEMENS, model Simatic S7, operator panel, cold circular sawing station with operator panel LAUER – Location: Pilger Hall
114	1 3D Coordinate Measuring Machine	ZEISS Contura 7/10/6, YOM 2001, serial no. 200103521112, measuring range X/Y/Z 700 x 1000 x 800 mm, probe/scanner ZEISS, model Vast XT, 6 probe changers, calibration spile, measuring/analysis unit with PC, 22" monitor, keyboard, mouse, measuring software ZEISS, model Calypso, table dimensions 120 x 700 mm – Location: Pilger Hall Toolmaking	163	1 Cold Pilger Mill KPW 226	SMS MEER, YOM 1983, tube Ø 38 mm, drive power 45kW, retrofitted in 2011 from 240 to 300 strokes/min, continuous rotation with automatic reloading, feed 1-4 mm, lump length 5,000 mm, components: infeed station with inlet, dual spiked thrust bearings, 3 inlet drivers, rotary drive, roller cage, crankshaft, outlet, modernized counting device, touch panel Simatic, separating device, control SIEMENS, panel Simatic, saw station with clamping jaws, operator panel LAUER, ejector, control cabinet, soundproof hood, coolant and lubricant system, hydraulic system, accessories – Location: Final Inspection
135	1 Cold Pilger Mill KPW 223	SMS MEER, YOM 1982, tube Ø 38 mm, stroke rate 60-180 strokes/min, forward feed 1-4,5 mm, components: loading, inserter, driving device, grease spear, dual spiked thrust bearings, roller cage drive, crankshaft, 2 feed motors, material weight approx. 15-20 t defective – Location: Pilger Hall	164	1 Cold Pilger Mill KPW 225 VWR	SMS MEER, YOM 1983, tube Ø 38 mm, drive power 45 kW, retrofitted in 2011 from 240 to 300 strokes/min, continuous rotation with automatic reloading, feed 1-4 mm, lump length 5,000 mm, components: infeed station with inlet, dual spiked thrust bearings, 3 inlet drivers, rotary drive, roller cage, crankshaft, outlet, modernized counting device, touch panel Simatic, separating device, control SIEMENS, panel Simatic, saw station with clamping jaws, operator panel LAUER, ejector, control cabinet, soundproof hood, coolant and lubricant system, hydraulic system, accessories, upper drive shaft defective – Location: Pilger Hall
136	1 Cold Pilger Mill KPW 224	SMS MEER, YOM 1982, tube Ø 38 mm, stroke rate 60-180 strokes/min, forward feed 1-4,5 mm, components: loading, inserter, driving device, grease spear, dual spiked thrust bearings, roller cage drive, crankshaft, unloading with sawing station EISELE, 2 feed motors, approx. 15-20 t defective – Location: Pilger Hall			
142	1 Cold Pilger Mill KPW 212	SMS MEER, YOM 1993, tube Ø 63,5 mm, stroke rate 10-190 strokes/min, forward feed 1-4 mm, components: loading station with inserter, spike thrust bearing, grease spear, spike rod support, roller cage with clamping and unloading chucks, crankshaft, holding system with driving cage, retrofitted control unit SIEMENS, model Simatic, retrofit ca. 2010, cold circular saw KALTENBACH, unloading – Location: Pilger Hall			
143	1 Cold Pilger Mill KPW 227	SMM, YOM 1987, tube Ø 25,4 mm, stroke rate max. 350 strokes/min, switchboard cabinet with operator panel, system components: loading with inserter, dual spike thrust bearings, grease spear, 3 drive cages, roller cage with discharge chucks, grease lubrication, crankshaft with noise absorption hood, unloading with separating station, chip-free, SPS-control unit – Location: Pilger Hall			



Lot	Designation	Description	Lot	Designation	Description
165	1 Cold Pilger Mill KPW 229	SMS MEER, YOM 1987, tube Ø 25,4 mm, strokes max. 400 strokes/min, continuous rotation with automatic reloading, SPS system control SIEMENS Simatic S7, operator panel, components: infeed station with inlet, 3 inlet drivers, roller cage with clamping jaws, air ejection station, outlet with separating station, chip-free, control SIEMENS Simatic, dual spiked thrust bearings, measuring counter – Location: Pilger Hall	270	1 CNC-10 Roller Leveller	YOM 2003, tube Ø 28,3 mm, retrofitted control SIEMENS, model Simatic Multipanel, machine no. 1664, suggested speed 10-100 m/min – Location: Pilger Hall
166	1 Cold Pilger Mill KPW 228	SMS MEER, YOM 1987, tube Ø 25,4 mm, strokes max. 300 strokes/min, continuous rotation with automatic reloading, SPS system control SIEMENS Simatic S7, operator panel, components: infeed station with inlet, 3 inlet drivers, roller cage with clamping jaws, air ejection station, outlet with separating station, chip-free, control SIEMENS Simatic, dual spiked thrust bearings, measuring counter – Location: Pilger Hall	271	1 Cladding Tube Grinding System ,Inline B'	LMG Polishing machine, YOM 2005, serial no. 871200, 3 grinding motors, feeding station, plugging station, RNA, separation, tube feeder, barrel finishing station, rinsing station, quality control station, stacking station, length measuring system KEYENCE, model LS 3100 – Location: Final Inspection
167	1 Three-chamber Tube Cleaning System	Infeed table with feeding system, washing chamber, glass chamber, drying chamber, deburring, complete control unit, water treatment system, plastic/stainless steel tanks, various pumps – Location: Pilger Hall	272	1 Ultrasonic Rotation Inspection System Rota ,Inline B'	NUKEM, YOM 1982, Loading station, separation, laser labelling station SHT, model BLS-S20P, YOM 2012, barcode scanner DATALOGIC, tube loading magazine DOGA, tube feeder, ultrasonic rotary inspection probe, 7 probes, rinsing station SLICKERS, tube unloading with transfer station, stacking station, industrial cooling system, system control unit with operator panel SIEMENS, model Simatic Multi Panel Touch, eddy current test facility ROHMANN, workbench GARANT, drawer cooling element, telescopic drawer cabinet, 10 drawers, BDE terminal with PC cabinet, PC, Monitor, keyboard, mouse machine updated regularly – Location: Final Inspection
218	1 Vacuum Annealing Furnace	TIV (THERMIT INDUSTRIE VEDE), YOM 2010, Processing length for tubes up to 12 m, annealing capacity max. 750°C, system consisting of: feeding device, refrigeration tunnel, 4 pump stands VARIA DEFUSION, YOM 2009, annealing furnace section: 9 heat zones, cooling zone, release, system accessible from both sides, plant control station with CNC oven control unit SIEMENS, model Sinumatic Multi Panel Touch on both sides – Location: Furnace Hall	273	1 Cutting/End Processing Machine ,Inline B'	DOGA, YOM 2008, serial no. 20838, sawing station, end processing units, extraction skid, measuring skid, 5 tube connectors, 2 cutting stations, tube spout, SPS system control unit with operator panel SIEMENS, model Simatic Panel – Location: Final Inspection
257	1 Tube Interior Sandblasting System	AREVA, YOM 1996/2009, System consisting of: blasting pot KLEMMKO, YOM 1996, volume 150 l, loading and unloading magazines, 4 spikes, blasting material processing container, rinsing system, water treatment system, SPS control unit with operator panel SIEMENS, model Simatic Multipanel Touch system updated regularly – Location: Blast Room	276	1 Tube Leveller	SEMA, YOM 1980, for tubes, exterior Ø 8 - 22 mm, 6 rollers – Location: Final Inspection
264	16-Roller Levelling Machine	BÜLTMANN DRM-R-60/HE, YOM 1999, tube Ø max. 60 mm, serial no. 99003AD, consisting of: loading station, tube feeder ALBRECHT, 3 roller pairs, tube spout, SPS system control unit retrofitted, SIEMENS, model Simatic Multipanel – Location: Final Inspection	278	1 Cladding Tube Grinding System ,Inline C'	LMG, YOM 2008, serial no. 872200, tube length 6.000 mm, loading magazine, plugging station, RNA, separation, tube feeder, 3 grinding motors, rinsing station, delivery station with length measurement system KEYENCE, model Laserscan LS 3100, switchboard cabinets, SPS control unit with operator panel SIEMENS, model Simatic S 7, operator panel, SIEMENS, model Simatic Multi Panel, extinguishing system, camera system, accessories, workbench GARANT, drawer cooling element, vice, industrial rotating chair, telescopic drawer cabinet, W 700 mm, 10 drawers, BDE terminal with PC, cabinet, PC, Monitor, keyboard, mouse, barcode scanner – Location: Final Inspection
266	1 Ultrasonic Measuring and Testing System ,Inline A'	NUKEM 724, YOM 1982, Loading magazine, separation, laser labelling station ANTARES, barcode scanner, model Matrix 1000, ultrasonic probe SLICKERS, YOM 1997, 7 sensors, rinsing station LEFFEK, oscilloscope, eddy current testing system ROHMANN, testing system, unloading/stacking station, switchboard cabinets, colling system SCHWEMMLE, YOM 2006, telescopic drawer cabinet GARANT, 10 drawers, workbench GARANT, floor unit, 5 drawers, vice, accessories, workbench GARANT, 3 drawers, cantilever shelf machine updated regularly, incl. retrofitted control for rotary testing and laser labelling – Location: Final Inspection	279	1 Ultrasonic Rotation Inspection System Rota ,Inline C'	NUKEM, YOM 1987, Loading magazine, separation, laser labelling station ANTARES, barcode scanner, ultrasonic rotary probe system, tube feeder, 2x7 measuring probes, tube unloading with ejection and transfer stations, cooling unit SCHWÄMMLE, model NWH-3D, system control unit with operator panel SIEMENS, model Simatic S7, workbench GARANT, 3 drawers, materials patemoster lift, automatic selection by fault category, eddy current testing device, laser device machine updated regularly – Location: Final Inspection

Lot	Designation	Description	ALSO AVAILABLE IN THIS AUCTION
280	1 Cutting/End Processing Machine ,Inline C'	PBS SM106/2, Saw blade speed 200 rpm, end processing machine PBS, model SM106-Z, 2 machining stations SUHNER, measuring skid, blowing skid, stacking station, delivery station, control unit cabinets, system control unit with operator panel SIEMENS, model Simatic Panel Touch, accessories – Location: Final Inspection	D Data security cabinet, Deburring machine, Diameter measuring machine, Digital scale, Double grinder bench, Drawer cabinets, Drilling jig, Dual steel cabinet, Dual steel cabinets
313	1 lot of Storage Shelves	approx. 100 m, contents: spare parts, machine accessories, electric materials, welding materials, stainless steel valves, pressure monitors, centering rings, sealing rings, tube fittings, cables, analogue speedometer, centrifugal force switches, clutches, time relays, digital displays, probes and switches, coiled fluorescent lamps, gear pumps, ball bearings, guiding nozzles, gears, expansion screws, servo drives, clamp pieces, eccentric sockets, worm and wheel sets, bearing bushes, check valves, flap valves, thermostats, temperature regulators, also 1 workbench, rotating chair, aluminium step ladder, ca. 22 m of steel cabinets, lockable, contents: work safety clothing, gloves, electric parts – Location: Incoming Goods / Store Room Gallery	E Electric forklift, Electric muli, Electric side loader, Electric workplace, EX vacuum, Extraction system
314	120 Pallets	Contents: electric motors, gear motors, spare machine parts for machinery, magazine trolleys, approx. 2 m. of storage shelves containing assorted gear motors and spare parts, lot of wooden boxes containing spare machine parts, eg. approx. 3 cylinders for heating basket, long approx. 12 m. of span racks, post height ca. 2.000 mm, 3 shelves containing assorted sealing plugs of various sizes and types, cantilever rack KAISER & KRAFT, 2-sided, 7 shelves, W ca. 1.200 mm, pallet lifter RAPID, load capacity 2.000 kg, 3m of metal storage shelf containing old batteries, dual steel cabinet – Location: Incoming Goods / Store Room Gallery	F Floor scale, Foreman's cabin, Foreman's office
367	1 ICP Spectrometer	SPECTRO CIROS VISION bought in 2016 – Location: Administration / Basement / Laboratory Room 115	G Gantry cranes, Gas chromatograph, Gear hobbing machine, Grinding machine
ALSO AVAILABLE IN THIS AUCTION			H Hacksaw, Hand lever shears, Hand-sandblasting chamber, Hanging locker, Hazardous materials cabinet, Hazardous materials safe, Heavy-duty drawbar platform trolley, Heavy-duty transport trolley, High-pressure cleaner, Hydraulic unit
0-9	2-Cylinder pneumatic compressor		I Industrial sliding door cabinets, Industrial vacuum cleaner, Industrial work desks, Interior diameter testing facility, Interior shaper, IT rack cabinet
A	Angled desk combination, Annealing furnace, Archive room furnishing, Autoclave system, Automatic plate edger, Automatic saw		L L&Z spindle lathe, Laboratory extraction, Laboratory extraction cabinet, Laboratory microscope, Laboratory oven, Laboratory plate grinding machine, Laboratory press, Laboratory scale, Large format colour plotter, Length measuring facility, Length measuring machine, Lifting platform, Lifting table, Light section microscope, Locker system, Long span rack, lot of, lot of assorted welding fittings, lot of Cabinets, lot of Canteen chairs, lot of Changing room lockers, lot of Connecting rods, lot of Dual steel cabinets, lot of Electric tools, lot of Electronic control cards, lot of Frequency converters, lot of Hazardous materials cabinets, lot of Hazardous materials drain trays, lot of Load tables, lot of Long materials transport trolleys, lot of Measuring tools, lot of Slings, lot of Storage cabinets, lot of Storage room equipment, lot of Tool cabinets, lot of Transport trolleys, lot of Tube frames, lot of UTXX insertions, lot of Valuables lockers, lot of Workshop equipment, lot of Workshop gantry cranes
B	Bar magazine, Barrel & bottle trolley, Belt filter system, Belt sander, Bottle trolley		M Machine vice, Manual swivel bending machine, Material punch, Meeting group, Metal bandsaw, Metal sliding door cabinet, Metal sliding door cabinets, Metal tool cabinet, Micro grinder, Microscope
C	Canteen kitchen, Cantilever shelf, Cantilever shelf rack, Car, Champfering machine, Charging crane crossbeam, Chemical container, Chemicals steel cabinet, Clamping angle, Clerical work station, CNC rod turning machine, Cold bursting facility, Cold circular saw, Column drill, Compression testing machine, Concentricity device, Conductivity tester, Conference room furnishings, Crane crossbeam, Crankshaft for pilger mill, Cutting/end processing machine ,Inline A', Cycle lathe		O Office furnishing, Oil pumps, Operating data acquisition terminal, Oscilloscope
			P Packing station equipment, Pallet and barrel lift, Pallet rack, Pallet truck, Pass-through annealing furnace, pH CHLORID testing device, Tube leveller, Plasma cutter, Plate grinding machine, Plate grinding machine, Plateau scale, Platform scale, Platform transport trolley, Plenary saw, Pointing machine, Precision laboratory scale, Precision separating machine, Profile projector, Protective gas welding machine, Public address system, Punching machine
			R Rack and pinion press, Roberval scale, Room contents, Rope hoist lift, Rotary disc machine, Rotation body, Round divider, Round table
			S Sample annealing furnace, Separating machine, Server system, Shwirk wrapping work station, Sliding door cabinet, Sliding door cabinets, Small parts magazine, Small parts magazine storage boxes, Small parts washing facility, Small parts washing table, Soldering work station, Stacking racks, Steel cabinets, Steel work desk, Steel work desks, Stereo microscope, Storage cabinet, Storage cabinet system, Storage racks, Storage room equipment, Storage shelves, Surface grinding machine
			T Table drill, Table drilling jig, Telescopic drawer cabinet, Telescopic drawer cabinets, Telescopic pull-out cabinet, Telescopic pull-out cabinets, Telescopic tool cabinet, Tensile testing machine, Terminal cabinet, Testing device, Testing press, Testing work station, Thickness gauge, Tool cabinet, Tool cabinet with sliding doors, Tool cabinets, Tool grinding machine, Tool trolley, Tractor, Tube chamfering machine, Tube draw bench, Tube edger ,Inline A', Tube feed table, Tube interior pickling line, Tube interior round testing facility, Tube interior/exterior pickling line, Tube marking system, Tube measuring table, Tube packing station ,Inline A', Tube packing station ,Inline B', Tube packing station ,Inline C', Tube racks, Tube straightener, Tube transport trolley, Tube unblocking system, Turning lathe
			U Ultrasonic crack detection system, Ultrasonic Inspection System, Ultrasonic probe measuring facility, Universal milling machine
			V Vacuum cleaner, Vacuum drying furnace, Vacuum leak testing device, Vacuum pump, Vacuum tube welding system, Vertical eroding machine, Vertical milling machine
			W Warm bursting oven system, Warming cabinet, Water treatment system, Welding curtain, Welding facility, Welding fume extractor, Welding station, Work desk, Workbench, Workbenches, Workplace equipment, Workshop equipment, Workshop gantry crane, Workshop press, Workshop trolley