

LIST OF MACHINERY

Date : 15th AUGUST 2020

HEUTZ - HOMBURG A.G.
Brickmaking Machinery
An der Follmühle 2-4
B-4730 HAUSET
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FOR SALE EX WORKS HAUSET - OVERHAULED, PRIME-COATED AND SPRAY-PAINTED - TIME OF DELIVERY IMMEDIATELY - MACHINERY CAN BE INSPECTED IN HAUSET

The signification of "OVERHAULED" is :

machinery cleaned, completely dismantled, bearing seats controlled and in case of dimension smaller than specified replaced by new parts, ball bearings and bushes principally renewed. Condition of toothed wheels not inferior to 90%, machinery reassembled, trial-run in no-load operation, machinery prime-coated and spray-painted

- A 13** **1 automatic cutter "GNAD"**, for drain tubes and cable protections, of each 2 x 100 mm dia. x 330 mm length, complete with 2 cutting wires and electr. geared-motor "SEW" 220/380 volts
- A 13** **1 automatic split tiles cutter "FREY"**, type M34, no 3333, max. cutting width 100 mm x max. cutting height 200 mm x cutting length 250-300 mm, complete with special drive motor "OERLIKON" 2 HP, 920 RPM, 220/380 volts, auxiliary drive with sproket wheels 60 + 36 teeth, with automatic belt tensioning device including frame and belt, with lengthened measuring band
- B 21** **1 rubber belt conveyor (flat belt) "ZIMMERMANN, Ebernhahn"**, dustproof packing, axle base 1000 mm x working width 500 mm, flat supporting rollers, complete with hollow shaft geared-motor "SAT" 0.75 kW, 1380/....RPM, Y500 volts
- B 22** **for Slat-Conveyor "RIETER"**
- 1 complete drive unit (bushes), without drive shaft, with geared-motor "HIMMELWERK" of type 71 DF4 Ng 20/12, 2.2 kW, 220/380 volts, $n_2 = 58$
- 1 complete drive unit (bushes), without drive shaft, with geared-motor "HIMMELWERK" of type 81 DF4 Ng 20/12, 2.2 kW, 220/380 volts, $n^2 = 55$
- B 22** **for Slat-Conveyor "HÄNDLE"**
- 008 pieces = 1,08 meters complete sheet metal slats "WITTE-LÖHMER", 800 mm working width, slats 5 mm thick.
Every fourth slat provided with flanged rollers of dia. 100 mm Ø, made from polyamid.
Every sheet with reinforced profile of dimension 50 x 5 x 710 mm welded beneath the slat.

Condition : new

- 037 pieces = 5,00 meters complete sheet metal slats "HÄNDLE",
800 mm working width, slats 5 mm thick.
Every third slat provided with flanged rollers of dia. 100 mm Ø, made from polyamid
Standart-Execution without reinforced profile welded beneath the slat
Condition : brand-new

- B 34** **1 tank of 1115 liters** for clay powder or similar materials, with vibration motor "FIEGE & JOEST" 2.0 kW, 3 Y 380 V, 2730 RPM.
Outlet of dia. 150 mm, including manual valve to open and stop the evacuation
- B 41** **1 box-feeder "BERLIN-HEUTZ"**, axle base 8600 mm x rubber width 1450 mm, without rubber band, machine appropriated for light additives, division of chain 200 mm. Ground tape drive via closed reduction gearing, security breaking pin and variable gear and drive motor "HEYNAU" of 2 2/3 HP, 380 Δ volts.
Paddle shaft drive via geared motor "BAUER" 6 HP, n₂=49.5 RPM, 380 Δ volts and DUPLEX chain. Output 20-185 cu.m/h
- A 32** **different pressure heads and pressure bells** for de-airing extrusion machines and vertical pipe vacuum extruders of different constructors
- A 41** **different multiple disk clutches "BSD", "DESCH", "ORTLINGHAUS", "STROMAG"** and their spare parts
- A 41** **2 pneumatic multiple disk clutch "DESCH"**, type PPF 181
- A 43** **different flat-belt pulleys and V-belt pulleys** for machinery and electr.motors
- A 43** **2 V-belt pulleys, spoked wheel**, dia. of 720 mm x 82 mm width, 4 grooves, section SPB, gray cast iron casting, one-piece, hole 100 mmH7, key 28 mm
- A 43** **1 flat-belt pulley, spoked wheel**, dia. of 1255 mm x 230 mm width, gray cast iron casting, wheel rim of 29 mm thickness, one-piece execution, hole 120 mm, key 32 mm
- A 43** **1 V-belt pulley, spoked wheel**, dia. of 1620 mm x 275 mm width, gray cast iron casting, 11 grooves, section 20, one-piece execution, hole 140 mm, with adaptor plate for pneumatic clutch, pitch circle 490 mm
- A 43** **1 V-belt pulley, spoked wheel**, dia. of 1600 mm x 300 mm width, gray cast iron casting, wheel rim of 34 mm thickness, 10 grooves, section SPB (16.3), one-piece execution, hole 120H7, key according to DIN 6887.
- B 43** **For Box-Feeders "WESERHÜTTE-HELD-SOEST-FERRUM-GFK"**
 - 06 pieces of sheet metal slats, without lateral rollers and without bolts, but with 2 complete pressure rollers, for box-feeder inside width 1500 mm
Condition : new
 - 02 pieces of complete sheet metal slats, with 1 complete pressure roller per slat, for box-feeder inside width 1200 mm
Condition : new
 - 01 piece of complete sheet metal slats, with 2 complete pressure roller per slat, for box-feeder inside width 1200 mm
Condition : new
 - 19 pieces of complete sheet metal slats, without lateral rollers and without bolts, with one complete pressure roller, for box-feeder inside width 1200 mm
Condition : 70%, prime-coated
 - 5 pieces of sheet metal slats, without lateral rollers and without bolts, with one complete pressure roller per slat, for box-feeder inside width 1200 mm
Condition : 80%, prime-coated

- B 43** **For Box-Feeders "HÄNDLE"**
40 pieces of complete sheet metal slats, for box-feeder inside width 1000 mm,
2 pressure rollers,
Condition : new
12 pieces of complete sheet metal slats of 100 mm large,
for box-feeder inside width 1250 mm, complete with 2 pressure rollers, nr: BO 4349/2,
Condition : new
10 pieces of complete sheet metal slats, for box-feeder inside width 1250 mm,
2 pressure rollers,
Condition : new
09 pieces of complete sheet metal slats, for box-feeder inside width 1000 mm,
1 pressure roller,
Condition : 90%
- B 42** **1 geared-motor "BAUER" for circular feeder "RIETER", Type RB 1500**, 1500 mm Ø,
Type D6612258-R, 10HP, 380Δ volts, 980/25 RPM, shaft 90 mm Ø,
condition as good as new.
- B 42** **1 geared-motor "SEW" for circular feeder "GFK"**,
type RF 103 WD160M-4, 15 HP, 1450/35RPM, 380Δ volts, condition as good as new
- B 42** **1 gearbox "SEW", Type RF 103**, i = 32.02, for circular feeder "LEIMER" 1500 Ø,
condition as good as new
- A 22** **60 pieces of flanged rail wheels** of dia. 222 x 200/193 mm, hole 50 mm, mat. cast steel,
weight 5,0 KGS each, Condition : new
- R 11** **for screen feeder „SOEST-FERRUM“** of type SK IV
2 pieces kneading arms (Z-shaped) in the rough, 170 mm Ø.....2.940 mm length
Cast iron numbers are molded :
2507 - B - 9003R WN 10552, WB 96 (R=RIGHT)
2507 - B - 9004L WN 10552, WB 96 (L=LEFT)
Condition : brand-new, cleaned and prime-coated
- R 12** **1 clay cutter "SOEST-FERRUM" type TH "B"**, Ø 1500 mm, number of commission
814213, with closed reduction STG 50, 1400/120 RPM, bi-parted flexible shear pin
clutch, manual multiple disc clutch "ORTLINGHAUS" and electrical motor of 30 HP,
930 RPM, 380Δ volts
- R 13** **For clay shredder "SOEST-FERRUM" type TR 1900 :**
7 pieces of screens 732 x 625 x12 mm thickness, with vertical staggered holes of
40 x 18 mm, 9 fitting holes, with one vertical hardfaced welding bead between each
range of perforation. Condition : second-hand, as good as new
- W 21** **1 ledged roller mill "SGP"**, type SW 360 x 800, number of construction : 4532,
complete with electr.motors of 10 HP, 715 RPM, 380 Δ volts and 22 HP, 1450 RPM,
380 Δ volts. Machine with supporting frame.
- W 44** **for fine roller mill "RIETER" type 6F 1000 mm dia. x 630 mm width :**
- 3 pieces plain bearing bushes D=170x330, Bo=140, Modell-Nr. 2575,
Teilenr. 999.18.00535.0, Artikel Nr. 071146, brand-new
- 2 pieces plain bearing housing Ident. Nr. 074049, Modell-Nr. 2552,
Teilenr. 999.84.00568.0, brand-new
- 2 Stück flange "R" + "L", for secured roller side, Modell-Nr. 2556
second-hand, without objection
- 2 Stück Pufferdeckel "R" + "L", for fixed roller side, Modell-Nr. 2556
second-hand, without objection

- W 44** **for fine roller mill "RIETER" type 6SF 1000 mm dia. x 800 mm width :**
- 06 pieces bi-parted plummer block Nr. 074050 + 074051, with interior parts, second-hand, without objection
- 16 pieces Schutzlagerdeckel, Modell-Nr. 2681, diverse Größen und Bohrungen, second-hand, without objection
- 02 pieces flange "R" + "L" for secured roller side, Modell-Nr. 2707 second-hand, without objection
- 02 pieces flange "R" + "L" for fixed roller side, Modell-Nr. 2707 second-hand, without objection
- W 44** **for fine roller mill "HÄNDLE" type WF1080a, 1000 mm dia. x 800 mm width :**
02 pieces roller inserts WF1080a 2-1, 615 KG/each, GG, Ident. number 36514, second--hand, without objection
- W 3** **1 turning device "PILATUS" of type WDM800, number of construction 870928, year of construction 1987/REP. 2019, to grind roller shells up to 800 mm width, including new controls, new feed geared-motor, limit switch systems, 2 segments (underlay consoles) and new steel holder and turning tool.**
Condition : reconditioned by PILATUS, as good as new
- W 3** **1 turning device "HÄNDLE" to grind roller shells of Ø 1000 mm x 1000 mm width, complete**
with one steel holder for circular turning tools
with two fitted grinders 300 x 300 as common frame
with one variable speed gear and drive motor "PRYM" of 0.75 HP
with closed reduction gearing, ratio 1:44 and chain drive to move the longitudinal carriage
with geared motor "SEW" 4 kW, 1400/327 RPM, 230Δ/400Y volts, rubber wheel of dia. 250 mm, tension device and small parts,
FU (Frequency Converter), complete control for roller shell drive
- W 3** **2 grinding devices "HÄNDLE", Type SW 65a**
- W 3** **1 grinding device "KRETH", Type SKL (Odenweller)**
- W 3** **1 grinding device "WEGNER", Modell 2 (Klostermeyer)**
- W 3** **1 grinding device "WEGNER", Nr. B1/151/66**
- R 14** **1 circular screen feeder "RIETER" type SR 1900, (SR1900.10) without number of construction and without year of construction, four-point supporting surface of the gearbox, hardfaced two-armed stripping arm in oblique execution with divided hub, for 10 interior screens 580 x 570 x 10 mm including 1 maintenance door, closed gear-box ratio i = 40 (straight toothing), complete with fast clamped drive V-belt pulley of dia. 1140 mm.....220 mm width, 8 grooves, section 22, hole 80 mm for frequency drive, without drive unit.**
Drive collecting plate toothed crown 295 teeth, m=8, i = 18,43, via bearing housing, elastic connecting coupling and geared-motor "SEW-EURODRIVE", 4,0 kW = 5,5 HP, 1430/68 RPM, 380Δ volts with drive pinion 16 teeth, m=8
- R 14** **1 circular screen feeder "RIETER" type SR 1900, (SR1900.12) number of construction 9815, three-point supporting surface of the gearbox, closed gear-box ratio i = 40 (straight toothing), hardfaced two-armed stripping arm in straight execution with a one-armed upper stirring arm. Machine complete with a screening trough for 10 interior screens 580 x 570 x 10 mm thickness with fast clamped drive V-belt pulley of dia. 1140 mm x 220 mm width, 8 grooves, section 22, hole 80 mm for frequency drive (to procure themselves) without drive unit.**
Drive collecting plate toothed crown 295 teeth, m=8, i = 18,43, via directly flanged geared-motor "SEW-EURODRIVE", 4,0 kW = 5,5 HP, 1430/68 RPM, 380Δ volts with drive pinion 16 teeth, m=8

- R 14 1 fine grain mixer (clay cleanser) "LÖHR"**, type FKM 110 B, screening trough 1000 mm dia. x 800 mm width. Drive via closed reduction gearing "SOEST-FERRUM", with double countershaft, V-belt-pulley of 1100 mm dia., 10 grooves, profile 25, multiple disc clutch with electr. connecting and disconnecting device, with electr. motor of 125 HP, 1500 RPM, 380Δ volts. All mounted on a common frame.
- A 31 1 dito "LEIMER"**, type VE 2/51, barrel dia. of 300 mm, number of construction 001 62, year of construction 1968.
Drive extruder via closed reduction gearing "EDLER" type StG 1151, electr. motor "AEG" of 30 HP, 1465 RPM, 380 Δ volts and manual disc clutch "BSD".
Drive mixer via worm reduction gearing "EDLER" type SchG 1064, electr. motor "PILLER" of 10 HP, 1430 RPM, 380 Δ volts and manual disc clutch "BSD"
- A 31 1 Combined De-Airing Extrusion Machine "GFK" consisting of : (REUVER)**
- one extruder (horizontal section) type LVP 35SH, barrel dia. of 350 mm, number of construction 187, comm.-no. 8788, year of construction 1970, complete with enclosed gearbox "JAHNEL" type G710, number of construction 40589, i=55, 1650/30 RPM, 80 HP, V-belt pulley of dia. 420 mm, 4 grooves, section SPB, flanged pneumatic PLANOX multiple disc clutch "DESCH" type PPF 141 and an electrical motor "EMF-Dordt" of type 463D, 37kW = 50 HP, 1455 RPM, 380Δ/660Y volts, all mounted on common frame
A N D
- a brand-new vertical vacuum mixer (vertical section) complete with second-hand, bi-parted gearbox "EDLER" type SchG 1051, no. of construction 55510, year of construction 1973, i = 30, V-belt pulley of dia. 250 mm, 4SPB, flanged pneumatic PLANOX multiple disc clutch "DESCH" of type PPF 81 and electrical motor „ABM“ of 18kW =25 HP, 1000 RPM, 380Δ volts.
- A 31 1 Combined De-Airing Extrusion Machine "HÄNDLE"**, type PZVA 30b, nr. 60463, consisting of an extruder of type PZ 35b, number of construction PT 2323, year of construction 1966, reinforced execution, cil.dia.of 350 mm, complete with electr.motor „BRUNCKEN“ od 37 kW = 50 HP, 735 RPM, 380Δ volts, multiple disc clutch „BSD“ of type LB 70, V-belt drive and a vertical vacuum mixer type PZVA 30b, nr.PZS 38, year of construction 1968, complete with electrical motor „AEG“ of 15 kW = 20 HP, 1460 RPM, 380Δ volts, V-belt drive.
- A 31 1 Combined De-Airing Extrusion Machine "GRIESE"**
(complete steel construction, for stiff extrusion) 380Δ volts
type HVP 450 S, barrel dia. of 490 mm, **60 bar**, consisting of :
- vertical extruder driven by an planetary gear "WÜLFEL", N = 180 HP, ball-bearing V-belt pulley of dia. 450 mm, 7 grooves, section SPC with flanged pneumatic clutch PLANOX of type PPF 181 and electr. motor of 125 kW, 1485 RPM, 380Δ volts.
- horizontal extruder driven by an hollow-shaft gear "SAWA", N = 400 HP, ball-bearing V-belt pulley of dia. 710 mm, 12 grooves, section SPC with flanged pneumatic clutch PLANOX of type PPF 241 and electr. motor of 250 kW, 1480 RPM, 380Δ volts.
- A 31 1 Combined De-Airing Extrusion Machine "HÄNDLE" type PZVM 60d-600 consisting of :**
- one extruder "HÄNDLE" type PZ 60d (d = FAG spherical roller thrust bearing 29424E), number of construction PZ 2023, year of construction 1961, barrel dia. of 600 mm continuous, execution with one feed paddle, closed gearbox i = 19,6, machine complete with V-belt-pulley of dia. 1280 mm, 8 grooves, profile 32, flanged multiple disc clutch "BSD" and manual connecting and disconnecting device, machine with cylindrical lengthening after the bi-parted press cylinder i.e. one reduction piece of 215 mm length from dia. 600 to 500 mm, another of 215 mm length from 500 to 300 mm, pressure head 560 x 420 mm, die with adaptor plate, outlet 312 x 202 mm
a n d

- one vacuum double-shaft mixer, type MDV920a resp. MDV920b, complete with V-belt-pulley of dia. 1000 mm, 6 grooves, section 25 resp. 5 grooves, section SPB, flanged multiple disc clutch "BSD" and electro-mechanical connecting and disconnecting device HÄNDLE of type EEM16a

- P 12 1 De-Airing Extruder "KONINGS-Swalmen"** (integrated vacuum chamber in the pressure cilinder), type VSP 30-55, barrel dia. of 300 mm, complete with V-belt drive-pulley of 550 mm Ø, 7 grooves, section SPB, flanged pneumatic two lamellar clutch ORTLINGHAUS of type 01-050-55 with rotor M35 x 1,5, 450-93-002, frame approx. 470 mm height and electr. motor of 15 HP, 1450 RPM, B3, 380Δ volts.
- P 12 1 De-Airing Extruder "HÄNDLE"**, type PZ35a, number of construction PZ 1954, year of construction 1960, barrel dia. of 350 mm, gearbox $i = 16$, complete with V-belt pulley of 1000 mm dia.....158 mm width, 5 grooves, section 25 for direct drive and electr. motor "BBC" of 25 kW = 34 HP, 724 RPM, 380Δ volts, mounted on common frame.
- P 12 1 De-Airing Extruder "HÄNDLE"**, type PZ40/50, number of construction PZ 1733, barrel dia. of 400 mm, reduction gearing $i = 6$, complete, without drive unit
- P 12 1 De-Airing Extruder "RIETER-WERKE", (monobloc execution)** type RKV 2, number of construction 2042, barrel dia. of 400 mm, gearbox (Z87/Z12) $i = 7.25$, complete, without drive unit.
- P 12 1 De-Airing Extruder "RIETER-WERKE", (monobloc execution)** type RKV 2, number of construction 1467, barrel dia. of 400 mm, gearbox (Z65/Z13) $i = 5$, complete with pneumatic clutch, 2-speed manual gearbox SAWA $i = 8,9$, $i = 6,35$, V-belt transmission and electr. motor "AEG" of 45 kW, 710 RPM, 380Δ volts. All mounted on common frame
- P 12 1 De-Airing Extruder "HÄNDLE"**, type PZ45/50 V (V=reinforced), no. of construction PZ 2622, barrel dia. of 450 mm, year of construction 1973, reduction gearing $i = 6$, complete, without drive unit
- P 12 1 De-Airing Extruder "SAMIC-Mechelen"** type VAG 470, number of construction 1119, barrel dia. of 470 mm, with 2 feeding shafts, closed reduction gearing $i = 20$, separate drive unit consisting of countershaft with V-belt pulley, 2 exterior bearings, multiple disc clutch ORTLINGHAUS and electrical motor of 57 HP, 975 RPM, 380Δ volts, mounted on common frame. Capacity up to 20 bar = approx. 7,000 bricks/hour.
- P 12 1 De-Airing Extruder "RIETER"**, type UR4, barrel dia. of 500 mm, no. of construction 69207, complete with V-belt pulley of 1200 mm dia., 10 grooves, section 17, flanged pneumatic multiple disc clutch BSD of type LF-T-090, exterior bearing for support and electrical motor SIEMENS of 80 kw = 110 HP, 980 RPM, 380Δ volts.
- P 11 1 horizontal extruder "KEMA-Görlitz"**, barrel dia. of 250 mm, complete with gearbox (3 manual gears), flanged electr. motor VEM, 7,5 kW = 10 HP, 1435 RPM, 380Δ volts, electr. clutch and transformer 24 volts. Low overall height 570 mm, weight approx. 950 KGS
- P 11 1 extruder "BREITENBACH"**, type P40, cil.dia. of 400 mm, order no. 9178, complete with V-belt pulley of 1610 mm dia., 8 grooves, profile 25, multiple disc clutch BSD of type LB-G-0100, manual disconnecting device and exterior splitted plummer block housing FAG.
- P 11 1 extruder "RIETER"**, type UR3, number of construction 65219, barrel dia. of 450 mm, complete with V-belt pulley of Ø 1200 mm, 10 grooves, profile SPC and flanged multiple disc clutch "BSD" type LF090.
Condition : overhauled, not complete, only for spare parts

- P 11** 1 **extruder "BREITENBACH"**, type P45, cil.dia. of 450 mm, complete with V-belt pulley of dia. 1700 mm.....220 mm width, 7 grooves, profile 25, double cone clamping coupling, coil clutch, manual disconnecting device and exterior splitted plummer block housing FAG.
- P 22** 1 **hydraulic unit "BOSCH"** with oil tank of approx. 180 liters and electr. motor "BBC" of 20 HP, 1455 RPM, 380 Δ volts and flanged hydraulic pump "BOSCH"
- P 22** 1 **hydraulic unit "PAINEKOJEET OY, Nastola - Finland"** type HK4 - 3720, year of construction 06/1983, complete with electr. motor "OY STRÖMBERG Ab - Finland" 2.2 kW = 3 HP, 1420 RPM, 380/660 volts, with manometer "WIKA" 0 - 100 bar and oil tank 820 mm length x 540 mm width x 430 mm height.
- P 24** 1 **Liquid Ring Vacuum Pump "GIEFFE systems s.r.l. - Noceto-Italy" (a compact unit with closed oil circuit)**, type OCS-5/15-VF-A, number of construction 02.09.10, complete with ring pump of type CDS-5-480, electr. Motor 15 kW = 20 HP, 1.450n RPM, 400 volts, B3, IP55, oil circulating pump of type C-22E, 0,55 kW, 2900 RPM, 230/400 volts, heat exchanger „EMMEGI“ type 2040k, 0,21-0,29 kW, 1410-1605n RPM, 50/60 Hz, condensate outlet V2 with tape ball, on board electrical panel of type QE.-0561.A for electr. connection 24V-AC/DC for temperature control „WACHENDORFF“ of type UR3274 and ventilator. Electrical supply 400 volts for the main motor (to provide on the customer site), including new oil filling 95 liters Q8 VAN GOGH 32.
- P 24** 1 **vacuum-pump "SIHI"**, type LOHE 25007, BN131.01.0, no. of construction 1917929, complete with electr. motor of 1.5 kW = 2 HP, 2820 RPM, 220/380 volts, elastic connecting clutch and little water tank of approx. 50 liters, all fitted on common frame.
- P 24** 1 **vacuum-pump "BUSCH"** of type 160/118, nominal output 160 cu.m./h., complete with electr. motor of 5,5 kW, 1460 RPM, 220/380 volts and unmounted air filter of type LFPA 250
- M 5** 1 **die "BRAUN" with slotted holes for face bricks**, outlet dimensions 220 x 70, with adapter plate 450 x 420, nr. 423-14, new
- M 5** 1 **die "BRAUN" outlet dimensions 254 x 85**, nr. 468-22, with adapter plate, new
- P 13** 1 **plate turntable press, (plate screwing machine)** including 4 moulds and 5 electrical motors
- P 13** 1 **moulding machine for flower pots "MOISLING"**, type MBM 2a, from dia. 5 cm to dia. 14 cm, complete with worm wheel reduction gearing and brake-motor "DEMAG" of 2.6 KW, 1410 RPM.
- P 13** 1 **moulding machine for flower pots "KERAMA"**, type UTH-T34/E, up to 14 cm int. dia., complete with reduction gearing, variable discs and brake-motor "DEMAG" of 3.7 kW, 1430 RPM.
- P 13** 1 **test press "SCHLOSSER"**, Type PD 3 B S
- P 13** 1 **mechanic press (crank control) for refractory products "MOISLING-Lübeck"**, Type MBM/KP, working table 600 x 600 mm, clear height 400 mm, pressure 20 tons, complete with drive via electr. brake motor "DEMAG" 7kW, V-belt transmission, gearbox and slipping overload coupling
- P 14** 1 **for vacuum-extruder "KELLER" type PV35 KH, dia. of barrel 350 mm**
1 bi-parted pressure cilinder 1240 mm length, P10155a/b, without liners

- P 14** **for vacuum-extruder "KELLER" type GP35, dia. of barrel 350 mm**
1 bi-parted pressure cilinder 1240 mm length, P10339a/b, without liners
- M 11** **1 glaze mill** of 300 liters, interior dia. of 750 mm x 680 mm width, ball bearings, 2 cast-iron supports, V-belt pulley Ø 725 mm, 3 grooves, section 17, without drive, inside lining : porcelain bricks, condition 70%
- M 22** **1 double shaft mixer "WESERHÜTTE"** type VA 450D, number of commission F451102, length of closed trough 2.300 mm x width 720 mm, complete with closed reduction gearing i=5,6, V-belt pulley of Ø 1130 mm, 6 grooves, profile SPB, intermediate shaft, pneumatic PLANOX coupling of type PPF 102 and electr. motor "SCHORCH" of 20 HP, 1420 RPM, 220/380 volts. All mounted on common frame.
- M 22** **1 vertical screw mixer "WELTE"**, dia. of 550 mm x length 2000 mm, complete with drive motor of 7.5 HP
- M 22** **For double shaft mixer "WESERHÜTTE", type DMV 400 "D" :**
1 mixer shaft (squared) no 14-1-1, 260kg, new
1 mixer shaft (squared) no 14-1-10, II, 225 kg, new
- M 22** **1 For double shaft mixer "HÄNDLE" type MD 800 x 2,5 SL, mixing trough length 2500 mm x 800 mm width :**
1 complete drive unit consisting of machine-V-belt pulley of dia. 1020 mm, 6 grooves, profile 22, flanged multiple disc clutch "BSD" type LB 70. hole 70 mm and electr. motor of 40 HP, 1470 RPM, 380Δ volts, B3, P33 with motor V-belt pulley of dia. 330 mm, 6 grooves, profile 22, but without V-belts
1 pair of toothed wheels 22 teeth, module 14, hole 100 + 180 mm, MD 70-2-3/1+2
1 toothed wheel 90 teeth, module 7, hole 100 mm, MD 70-2-2
- M 22** **1 For double shaft mixer "BREITENBACH" type DWM 900**
4 pieces of two-parted augers, steel-welded, left
ext. dia. of 500 mm, length of hub 150 mm, hole 125 mm, armoured + tungsten carbide, new
4 pieces of two-parted augers, steel-welded, right
ext. dia. of 500 mm, length of hub 150 mm, hole 125 mm, armoured + tungsten carbide, new
2 pieces of two-parted conical dies, hole 145/125 mm, armoured, new
- M 24** **1 de-airing double shaft mixer "HÄNDLE"**, type MDV715a, number of construction 776, year of construction 1962, complete with V-belt pulley of dia. 1000 mm, 6 grooves, section 25 and flanged multi-disc Clutch "BSD" type LB 70 with pneumatic steering by cylinder.
- M 24** **1 de-airing double shaft mixer "HÄNDLE"**, type MDV 920a, no. of construction MDV 1108, year of construction 1970, reinforced shafts of dia. 120 mm Ø in the compression zone, gearbox i = 21,65, complete with firmly wedged V-belt pulley of dia. 1000 mm Ø.....101 mm width, 5 grooves SPB, hole 70 mm Ø, for "VFD" (variable frequency drive), but without "VFD"-unit
- M 24** **For De-Airing Double Shaft Mixer "HÄNDLE", type PZVM900SL, (MD90)**
1 bi-parted extrusion die, PZVM 25, pos. 122, without adjustable braking pieces, ident. number S 030444. Condition : original HÄNDLE, brand-new
- M 24** **For De-Airing Double Shaft Mixer "HÄNDLE", type MDV920a**
1 4/2 shaft protections made from HARDOX 400, 4 mm thickness, laser-cuttet Condition : brand-new
- M 24** **1 vertical vacuum mixer "LEIMER"** type VEK 1/56, number of construction 736, complete with manual worm-gearbox "EDLER" of type SchG 1064, new pneumatic

clutch "DESCH" of type PPF 71 and fitted electr. motor of 15 HP, 1000 RPM, 380Δ volts with V-belt drive

- M 24** 1 **vertical vacuum mixer "HÄNDLE"**, type PZVA 30b, n° PZS20, complete with mounted electr. motor of 15 HP, 1000 RPM, 220/380 volts, with V-belt drive
- M 24** 1 **vertical vacuum mixer "GFK" for LVP 35S**, only housing with conical press unit and vacuum chamber. (spare parts)
Condition : brand-new
- M 24** 1 **vertical vacuum mixer "GFK" for LVP 35S**, complete with worm gear of type SchG 1051, number 61422, i = 30:1, new V-belt pulley of dia. 225 mm, 4SPB, with new flanged pneumatic clutch of type PPF 81 and electr. motor of 25 HP, 1000 RPM, 380Δ Volt
- M 26** **For mixer "TEKA" type THZ 750 :**
- 1 circular water pipeline 1.78-13219/0707242
- 1 wearing parts elevation 1.78-7799 complete with fastening screws
- 1 exterior stripper arm 1.78-6743/0603158
Condition : original TEKA, new
- M 26** **For reverse current high-speed mixer "EIRICH", type ZAG 62 :**
1 set of new spare parts (list to ask)
- M 26** **For double shaft mixer "CONCORDIA", type DM 50 x 3000 :**
1 set of new spare parts (list to ask)
- M 26** **For double shaft mixer "CONCORDIA", type DM 50 x 2500 :**
1 mixing trough 2400 mm length x 860 mm width, brand-new
1 mixer shaft 2850 mm length, new
1 mixer shaft 3333 mm length, new
- M** **Electrical motors from 0.25 HP - 340 HP**
reduction gearings from ratio 1 : 2 tot ratio 1 : 1076
Geared-motors as well as speed gear and drive motors of different constructors
Frame-motors and frame geared-motors "DEMAG
- M 26** 1 **tempering machine "DRAISWERKE, Mannheim (EIRICH group)"**, type CSK 11, number of construction 30162, approx. 50 liters, tiltable bucket, complete with electr. motor "LEROY-SOMER" of 3 kW = 4 HP, 1420 RPM, ΔY380-400 volts and switch box.
- M 41** 1 **wet ball mill "no name"**, volume 300 liters, running in self-aligning roller bearings, complete with 2 lateral columns made from cast-iron, rectangular bricks made of porcelain, without drive unit.
- M 42** 1 **centrifugal ball mill "GERHARDS" (type laboratory)**, constant-speed appliance, type FKM SS, number of construction 5162, number of commission 27988, year of construction 1988, complete with drive 0.18 KW, 1500 RPM, B 14, all mounted in housing of 400 x 400 x 270 mm depth
- M 44** 1 **Centrifugal surface plate mill "EIRICH" type SVZ 93**, number of construction 3012, complete with connecting coupling and flanged electrical motor of 110 KW, 380 Δ volts, 1480 RPM, with geared-motor for evacuation 1.5 KW, 220/380 volts, 1500/34 RPM, and blowing motor of 1.1 KW, 220/380 volts, 2790 RPM.
Rotor and stator with new exchangeable grinding segments and new wearing parts.
Convenient to this : 1 set of brand-new spare-parts (list to ask)
- V 11** **axial-flow fans** from Ø 300 mm up to Ø 1000 mm of different modes of construction and outputs
- V 11** 1 **axial-flow fan "DR. SCHMIDT, Zweibrücken"**, (reversing blower)
type AV 800 REV, Ø 800 mm x 800 mm height, air output 20,000 cu.m/h

complete with electr. motor of 5.5 KW, 1450 RPM, 380Δ Volt

- V 11 1 axial-flow fan "DR. SCHMIDT, Zweibrücken",** (circulating blower)
type AV 1000, Δp 400 Pa, Ø 1000 mm x 700 mm height, air output 39,000 cu.m/h,
complete with electrical motor of 7.5 kW, 1450 RPM, 380Δ Volt
- V 11 1 axial-flow fan "DR. SCHMIDT, Zweibrücken",** (wet air blower)
type AV 800, Ø 800 mm, air output 10,800 cu.m/h, complete with electrical motor
of 3 KW, 1420 RPM, 380Δ Volt
- V 11 1 axial-flow fan "EVG Lufttechnik, Eberdingen",** (smoke gas ventilator) 350Pa,
type AVHV 710 RV/Z, Ø 710 mm x 700 mm height, air output 20,520 cu.m/h,
complete with electr. motor of 4 kW, 112M, 1500 RPM, 400/690 Volt.
Condition : as good as new
- V 11 radial-flow fans** of different performances and constructors
- V 13 1 radial-flow fan "Dr. SCHMIDT, Zweibrücken",** (warm air blower, high pressure),
type RV 670/78, aspirating hole of Ø 670 mm, blow-out hole 600 x 600 mm,
air output 16,020 cu.m/h, up to 300°C, complete with electr. motor of 7.5 kW,
1450 RPM, 380Δ Volt.
- V 12 06 pieces of impeller wheels "JÖRNS"** made from aluminium, convenient for rotating
travel fans "HEUTZ", impeller dia. of 800 mm, 8 arms, 34,000 cu.m/h, hole 28 mm
in steel bush, 4 extracting gates with thread, counterbalanced wheels. Condition : new
- 83 pieces of impeller wheels "JÖRNS"** made from aluminium, convenient for rotating
travel fans "HEUTZ", impeller dia. of 800 mm, 8 arms, 34,000 cu.m/h, hole 38 mm
in steel bush, 4 extracting gates with thread, counterbalanced wheels. Condition : new
- V 12 4 travelling fans "SABO",** 2800 mm height, new
- V 12 24 pieces of frames "CARRA"** approx. 1400 mm axle base x gauge 1000 mm
- 3 pieces of horizontal continously rotatory chain hoist** driven each by geared-motor
Condition : second-hand, without objections
- As former "CARRA" representatives, we can offer and deliver all spare parts,
accessory and wearing parts as for example, propellers made from aluminium, steel,
polypropylene or rayton, reducers, electr. motors, toothed wheels and so on of all current
types of "CARRA" ventilators in new or second-hand condition, which we have on stock
HAUSET for the most part.
- M 6 1 metal detector "BOEKELS",** for rubber band width of 500 mm
- M 6 2 automatic water dosing devices "LIMBURG",** (plasticity control), year of construction
1971 (old devices), without any guarantee claims
- B 42 5 dosing devices,** star feeder and geared motor
- M 12 2 pressure gauge "HÄNDLE" 0-16**
M 12 1 pressure gauge "HÄNDLE" 0-40 bar
- P 25 1 water pump complete with electrical motor "LOHER",** of 4 HP, new
- P 25 1 high-pressure water pump "LEROY-SOMER",** tube dia. of 45 mm, new,
complete with electr. motor of 5.5 HP
- P 23 1 lubrication device "LINCOLN",** Helios, 12 fittings, up to 120 bar
- P 23 1 pneumatic lubrication device "LINCOLN",** with 27 fittings
- B 31 1 air reservoir 3000 liters**

- K 21 1 air compressor "RICO" Type DK 75, complete with electr. motor of 10 HP, air reservoir approx. 1000 liters**
- T 192 1 elevator "KELLER", 10 ledges, 260 mm distance between ledges, 1340 mm length of pallets, new, complete with manuel lifter unit**
- T 192 1 descender "KELLER", as mentioned before, with collepsible ledges**
- P 13 1 test press "SCHLOSSER", Type PD 3 B S**
- W 57 1 polish machine "VINCENTINI", Type SP 158, new**
- W 57 1 polish machine "REGENHÜTTE", Type 360**
- T 18 For gathering frame "KELLER", execution with one gear, for length 1,340 mm, according to BE 207 :
2 pieces of closed reduction gearing "KELLER", complete, one input shaft of dia. 35 mm Ø and 2 output shafts of dia. 60 mm Ø.
Condition : as good as new.**
- T 18 1 storage structure "KELLER", 16 ledges, distance between ledges 165 mm, length of pallets 1,340 mm, top of finger car truck to top of first ledge 800 mm, width of support 1,740 mm.**
- T 13 1 chain of elevator resp. descender "KELLER", consisting of 9 double-chain links with 18 supporting corners, division 165 mm, distance between ledges 165 mm, chain center-to-center dimension 300 mm, length of support 500 mm. Condition : brand-new**
- T 18 1 gathering frame "LINGL", no. of construction K 6932, according to drawing no. 30971/2621 II 5, year of construction 1972, for approx. 2000 pallets, modified from 1,560 mm to 1.340 mm length**
- B 22 For slat conveyor "RIETER"
- 1 complete drive reduction unit (bushes), without drive shaft, with geared-motor "HIMMELWERK" type 71 DF4 Ng 20/12, 2.2 KW, 220/380 volts, n2 = 58
- 1 complete drive reduction unit (bushes), without drive shaft, with geared-motor "HIMMELWERK" type 81 DF4 Ng 20/12, 2.2 KW, 220/380 volts, n2 = 55**
- W 52 1 center lathe "VOEST-ALPINE", center height 165 mm x length 1000 mm, brand-new**
- R 13 For circular screen feeder "HÄNDLE", type BRS15c :
01 piece of crown gear, bi-parted, 124 teeth, m=13, GGG-geh., pos 13, BRS 15c 4-2. Condition 80%.**
- R 13 For circular screen feeder "HÄNDLE", type BRS19a :
01 piece of vertical shaft 175Ø...1900, pos 1, BRS 19a 2-1, Condition brand-new**
- R 13 For circular screen feeder "RIETER", type SR 1900 :
- 01 bottom of trough, ident. nr. 035172, with gear rim of 199 teeth, height of construction 160 mm, convenient to adapt to bevel spur gear i = 80 resp. i = 100 of each 60 kW resp. 90 kW. Condition : as good as new.
- 10 pieces of screening frames, pos. 57, mod 9683
- 01 piece transmission case pos 1 + 2
- 16 pieces interior screens 580 x 570 x 10 mm thickness, perforation 9-10 mm Ø, new
- 06 pieces interior screens 580 x 570 x 10 mm thickness, perforation 12 mm Ø, new**
- R 14 For circular screen feeder "RIETER" of type SR 1500 + SR 1900 :
- 01 piece bevel gear rim of 66 teeth, m=10 (straight teeth)
D. 662,7 x 68,61, hole 300H7, no. 033694, without hub, brand-new**

- 01 piece appropriate hub, 392 84 31042, hole 110H7, brand-new

- G 11** **different closed gearboxes "HANSEN-PATENT" :**
- 1 **Type 621** , Nr. 10538V, RPM 1215/113,5, i=10,7048 (8,83 : 1), 50 HP, 67 liters
 - 1 **Type 521T**, Nr. 59028V, RPM 1405/69,5, i=20,2158, 35 liters
 - 1 **Type 621S**, Nr. 10.15682, SF 1, 8,83/1, 50 PS, 110 liters
 - 1 **Type 621** , Nr. 61389V, SF 2, 1246-1038/93,8-78, 45-36, 67 liters
 - 1 **Type RND21-AN-8**, Nr. R04A 125120, RPM 1480/182, i=8,1319, 320 KW
 - 1 **Type NF21-BN-18**, Nr. 15.12531, RPM 1425/80, i=17,8125, 55 KW, 39 liters
 - 1 **Type 621..**, Nr. 10.26507, SF 1,72, RPM 1500/134, i=11,1940, 75 HP, 67 liters
- G 11** 1 **angular hollow-shaft gear "COMELOR"**, type COCT 200, N = 50 HP, ratio i = 52, horizontal inlet shaft of 55 mm dia., horizontal outlet hollow shaft of 80 mm dia. H7. Weight : approx. 2.100 KGS
- G 11** 1 **closed gearbox for Double Shaft Mixer "RIETER", 1 : 13**, no. of construction 43814, N=20 HP, 330/25n, horizontal input shaft of 50 mm dia., horizontal output shaft of 90 mm dia.
- G 11** 1 **brand-new closed gearbox "KELLER", 1 : 46**, for extruder KELLER of barrel dia. 450 mm, complete with V-belt pulley of 400 mm dia. and flanged manual clutch
- G 11** 1 **one-stage spur gear "WÜLFEL", 1 : 2,8**, type Aw33, number of construction 24173, 730/255 RPM, P nom. 115 HP, P max. 230 HP, horizontal input shaft of 60 mm dia., horizontal output shaft of 110 mm dia.
- G 13** 1 **variable speed gear "PIV" type FAB 1**, chain A2-25V, with electr. motor of 2 HP, n2= 1045-232 RPM
- 1 **idem type FRE1**, chain Rb1 52, with electr. motor of 1 HP, n2 = 1.5 - 15 RPM
 - 1 **idem type FAC2**, chain A2-29V, with electr. motor of 2.2 KW, n2 = 6.3 - 19 RPM
 - 1 **idem type FKNR HD 42**, chain WD 2458, with electr. motor "SIEMENS" n1 : 1450/725; 15 KW/10 KW; n2 : 130-21.8/65-10.9; M2 = 1120-4000 Nm
 - 1 **idem "SEW"**, for box-feeder HÄNDLE, for electr. motor of 6 HP, n2 = 25-150 RPM
 - 1 **idem "SEW"**, type RF73W-RU24, for electr. motor of 3.5 HP, new, n2= 25-150 RPM, shaft 40 mm □
 - 1 **idem "SCHAERER"**, with electr. motor of 5.5 HP; n2 = 1140-275 RPM
 - 1 **idem "SEW"**, with electr. motor of 5.5 HP; n2= 116-29 RPM
 - 1 **idem "HEYNAU"**, with electr. motor of 1.5 HP; n2= 3.7-33 RPM
 - 1 **shift transmission "Hansen-Patent"**, Type G2-611, inlet 350 RPM, 230 HP, outlet 249 and 200 RPM
- G 13** 2 **shift transmissions**, with electr. motor of 35 HP, complete with elastic clutch, V-belt pulley of 250 mm dia., 10 grooves, profile 20, mounted on common frame n1 : 1450 RPM, n2 : 1000, 750, 600, 450 and 300 RPM
- G 12** 1 **collet chuck** , for PIV clutch
- K 12** 24 **perforated plates "HÄNDLE"**, new (Hasslinghausen)
- 7 **perforated plates "HÄNDLE"**, 710 x 310 x 660 x 20 mm thickness
 - 8 **perforated plates "HÄNDLE"**, Type HPO (Houdemont) 1300 x 420 x 25 mm thickness
 - 10 **perforated plates "RIETER"**, Type BO, 830 x 355 x 620 x 25 mm thickness, perforation 40 x 10 mm
- K 14** 9 **plates for pan mill "WESERHÜTTE"**, 1800 dia. and 1600 dia., new
- 6 **plates for pan mill "WESERHÜTTE"**, 1800 dia. x 500, new
 - 6 **plates for pan mill "WESERHÜTTE"**, 1800/560, new
 - 5 **plates for pan mill "WESERHÜTTE"**, 1800/560, new, without perforation
 - 11 **plates for pan mill "WESERHÜTTE"**, 1800/560, new

7 plates for pan mill, no Type, new

K 16 **For Wet Pan Mill "HÄNDLE", type HPO, runner 1300 Ø x 420 mm width :**

01 piece bevel gear Z=90, m=14, hole 115 mm, HPO 8/1, StG

Condition : second-hand, in good order and condition
new spare parts (list to ask)

For Wet Pan Mill "HÄNDLE", type HO, runner 1700 Ø x 450 mm width

new spare parts (list to ask)

For Wet Pan Mill "HÄNDLE", type HKS, runner 1800 Ø x 600 mm width :

01 piece wearing plate HKO 132 for conical casing, one-piece execution,
brand-new

W 57

- 1 internal vibrator "FMA" PIR 70, new
- 1 polishing machine "FMA", D 4720, nr. 99095 (12/66), new
- 1 impact screw driver "FMA", D 5450, nr. 88927, new
- 1 Chisel hammer "BÖHLER", nr. 578303, new
- 1 Chisel hammer "BÖHLER", nr. 578145, as good as new
- 1 Chisel hammer "HAUSHERR", nr. 2071, as good as new
- 1 Chisel hammer "FMA", P7, nr. 795863, new
- 1 beater for calcareous "FLOTTMANN" as good as new
- 1 rock drilling hammer "FMA", BH 16 L, new
- 1 rock drilling hammer "FMA", SH 21/L+B, nr. 510-21, new
- 1 rock drilling hammer "FMA", SH 21/L, nr. 559-043/T 7314/20, new
- 1 drilling machine RB 11/1, (D1510), nr. 63933, new
- 1 angular drilling machine D 3350, nr. 258058, new
- 1 spring suspension device "FMA", 8550, new

LIST OF MACHINERY

Date : 15th AUGUST 2020

HEUTZ - HOMBURG A.G. Brickmaking Machinery An der Follmühle 2-4 B-4730 HAUSET Phone : 087/65.91.40 + 65.92.71 Telefax: 087/65.30.92 VAT-N°: BE 0416.819.193
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**BRICKMAKING MACHINERY IN READY FOR WORK CONDITION, NOT YET
OVERHAULED, EVENTUALLY IMMEDIATELY DELIVERABLE :**

- A 13** **1 travelling cutter "CERNOTA" for clay bricks**, comm.-no. 1008, year of construction
04/1997, cutting length from 0 to 1000 mm designed for SIEMENS SPS control S5, but

without this unit, however all control documents available. Condition : second-hand, cleaned

- A 31 1 De-Airing Extrusion Machine "HÄNDLE"**, (monobloc execution) of type PZVA 45f, number of construction PZVA 181, year of construction 1962, barrel dia. of 450 mm, with mixing trough 700 mm Ø.....1500 mm length.
Machine complete with V-belt drive pulley of dia.1000 mm.....340 mm width, 11 grooves, section 25, flanged multiple disc clutch BSD of type LB80, comm.-no. 13610 and manual connecting and disconnecting device.
Machine without electr. drive motor.
- R 13 For circular screen feeder "HÄNDLE", type BRS15c :**
01 piece of bottom trough of 1590 mm Ø ; 300/230 hole, pos 11, BRS15c 4-1, Condition : 80%
with bolted crown gear, bi-parted, 124 teeth, m=13, GGG-geh., pos 13, BRS 15c 4-2. Condition 80%.
- M 44 1 centrifugal surface plate mill "EIRICH" type SVZ 93**, number of construction 17477, complete with drive motor 220/380 volts, alternatively 380Δ volts
- W 42 1 roller mill "KEMA " (machine for spare parts)**
type A/WF8, 1000 mm dia x 800 mm width, number of construction TGL 22-11, year of construction 1972, self-aligning roller bearings,
w i t h o u t V-belt-pulleys of 1600 mm dia., 7 grooves, profile 25, hole 130 mm, 2 new roller shells, scrapers with counterweight.
Machine with 2 girders and 2 consoles to pick-up a lathe device, complete with 2 electr. motors "SCHORCH" of 55 kW, 1000 RPM, 380Δ volts and motor V-belt pulleys, but without V-belts and protective grating.
- A 31 1 Combined De-Airing Extrusion Machine "BREITENBACH"**, monobloc execution, Type VAS 45/3, barrel dia. of 450 mm, augers of dia. 350 mm turning to the right, number of commission 7378, year of construction 1965, complete with three-stepped gearbox $i = 17,11$, machine V-belt pulley fastened by wedge for frequency transformer drive and electr. motor of approx. 75 HP, 1450 RPM, 380Δ volts
- A 31 1 Combined De-Airing Extrusion Machine "BREITENBACH"**, monobloc execution, Type VAS 45/4a, barrel dia. of 450 mm, augers of dia. 350 mm turning to the right, number of commission 8907, year of construction 1967, complete with reinforced, two-stepped gearbox $i = 16,75$, machine V-belt pulley fastened by wedge for frequency transformer drive and electr. motor of approx. 75 HP, 1450 RPM, 380Δ volts
- P 12 1 De-Airing Extruder "HÄNDLE"**, type PZ35b, number of construction PZ 2323, year of construction 1966, barrel dia. of 350 mm, gearbox $i = 16$, complete with elastic coupling "ELCO", splited plummer block bear housing "FAG" of type SN 515, flanged multiple disc clutch "BSD" of type LB70, V-belt pulley of dia. 1.020 mm, 6 grooves, section 25, pneumatic controlled device to connect and disconnect the clutch and exterior bearing "FAG" of type SN 515, however without drive unit.
- P 12 1 De-Airing Extruder "RIETER"**, type UR 4, number of construction 1847, year of construction 1958, barrel dia. of 500 mm, complete with V-belt-pulley of dia. 1220 mm, 10 grooves, section 25, flanged multiple disk clutch "BSD" of type LF090 including exterior bearing, support and manual connecting and disconnecting device, complete with electr. motor 63 kW = 86HP, 1000 RPM, 380Δ volts and correspondant motor V-belt pulley.

- M 24 1 De-Airing Double Shaft Mixer "RIETER-WERKE"**, type VWM 3, execution with horizontal screens, gearbox ratio $i = 10$ (Z119/Z12), complete with V-belt pulley of dia. 1400 mm \varnothing150 mm width, 6 grooves, section 20, however without electr. drive motor. Condition : "as is", irreproachable, immediately ready for operation.
- M 24 1 De-Airing Double Shaft Mixer "RIETER-WERKE"**, type VWM 3, number of construction 63221, year of construction 1963, execution with horizontal screens, gearbox ratio $i = 10$ (Z119/Z12), complete with V-belt pulley of dia. 1200 mm \varnothing220 mm width, 7 grooves, section 25, flanged pneumatic disc clutch, however without electr. drive motor. Condition : not complete, rusted, use for spare parts
- M 24 1 De-Airing Double Shaft Mixer "HÄNDLE"** type PZVM 700 SL (MD70), size \varnothing 700 mm x 2000 mm long, number of construction PZVM 602, year of construction 1960, complete with V-belt pulley of dia. 1000 mm, 6 grooves, section 25 and flanged new pneumatic clutch "ORTLINGHAUS" of type 0-402-002-47-000, without drive motor. Condition : second-hand, immediately ready for operation.
- P 24 1 vacuum piston pump "RIETER"**, type VAP 4, number of construction 30002906, (KSB of type ESLg4). Execution with closed crankshaft case. Unit complete with flat belt pulley of dia. 900 mm x 140 mm width for V-belt running and oilpump BOSCH MS15, however without common frame and without drive unit.
- P 24 1 vacuum piston pump "RIETER"**, type VAP 4, (KSB of type ESLg4). Execution with open crankshaft case. Unit complete with flat belt pulley of dia. 900 mm x 140 mm width for V-belt running and oilpump BOSCH MS15, however without common frame and without drive unit.
- P 24 1 vacuum piston pump "RIETER"**, type VAP 5, number of construction 66992, year of construction 1966, (KSB of type ESLg5). Unit complete with flat belt pulley of diameter 1000 mm x 170 mm width for V-belt running, common frame and manual device to tense the drive unit.
- T** for turntable device of the transfer car "KELLER" type 6300
1 ball bearing slewing rim "ROTHE ERDE" with internal toothing 186 teeth 272.30.1008.033.11.1503/63.1.21979-10, year of construction 2/1974, complete with screw and wheel reduction gearing CAVEX, Größe 80, V-belt transmission of dia. 80/63 mm, 2 grooves, section 10, and brake-motor "DEMAG" type 13/6 K6, 0,45 KW, 850 RPM
- V 12 4x4 automobile axial fans "GAIRING"** height 2640 mm, length 2850 mm, width 280 mm condition as good as new
- T 192 1 turntable device "KELLER"**, type 420115 for automatic lath device "KELLER" arranged for 4 tables, but only present 2 tables of each 265 x 315 mm, in condition as good as new.

For the moment in new building up resp. overhauling condition

- M 22 1 De-Airing Double Shaft Mixer "HÄNDLE"** type PZVM 700 SL, number of construction MD 704, size \varnothing 700 mm x 2000 mm length, year of construction 1962, complete with V-belt pulley of dia. 1000 mm, 6 grooves, section 25 and new pneumatic multiple disc clutch "ORTLINGHAUS"
- A 31 1 Combined De-Airing Extrusion Machine "GFK" consisting of :**
 - one extruder (horizontal section) type LVP 35SH, barrel dia. of 350 mm, number of construction 444, comm.-no. 200078, year of construction 1980, complete with enclosed

gearbox "JAHNEL" type G710, $i=55$, 1650/30 RPM, V-belt pulley of dia. 420 mm, 4 grooves, section SPB, flanged pneumatic PLANOX multiple disc clutch "DESCH" type PPF 141 and a brand-new electrical motor "ABB" of type M2QA225M4A, 45 kW = 61 HP, 1475 RPM, 400 Δ /690Y volts, all mounted on common frame

A N D

- a brand-new vertical vacuum mixer (vertical section) complete with second-hand, bi-parted gearbox "EDLER" type SchG 1037, no. of construction 35017, $i = 30$, V-belt pulley of dia. 250 mm, 4SPB, flanged pneumatic PLANOX multiple disc clutch "DESCH" type PPF 81 and electrical motor of 25 HP, 1000 RPM, 380 Δ volts.

- M 24** **1 De-Airing Double Shaft Mixer "HÄNDLE"**, type MDV920b, number of construction MDV 1314, year of construction 1976, gearbox ratio $i = 17,24$, complete with V-belt pulley of dia. 1010 mm \varnothing101 mm width, 5 grooves, section SPB, flanged pneumatic clutch AIRFLEX size12CB350, no. 142098JB and shear pin security device according to drawing no. MD90a 4-18u
- M 22** **1 double shaft mixer "HÄNDLE"** type MDG 930a, length of trough 3.000 mm x width 900 mm, complete with torsionnaly rigid, all steel, multiple disc couplings TSCHAN, type POSIMIN, separate closed gearbox, $i = 22$, V-belt pulley of \varnothing 800 mm,4 grooves, profile SPB.
Machine complete with common frame and with separate drive unit.