Press installation Dieffenbacher Typ 67 5500 consisting of:

1 1 Gluing unit (final coating)

a) screw-conveyor
400 x 4000 x 200
2 parallel reverse screw-conveyor
bearing, chains intermediate gear, gear motor approx. 202
steel section substruction, filling level control,
running-in cabinet 2000 x 400 x 1000, coasting

b) belt weigher
DTL 1027 (Schenk, Nr. 1 FBW 3560, year of manufacture 1992)
Band approx. 1000 x 2700, table with sliding surface, deflector roll,
chains intermediate gear, gear motor, weighing equipment,
force sensor, suction circuit points, emission schnurre,
steel section substruction

c) Twin waves mixer
M 400/1750
(Gisinger Technik, Messen, Schweiz, Nr. 2313)
1700 x 1000 x 700, 2 mixed waves 1700 x 400 Ø
chains intermediate gear, ever motor 18,5/660, switch cabinet
steel section substruction, glue feeding,
water feeding, coasting, accessories

2 1 Gluing unit (medial coating)

a) screw-conveyor
(self-construction)
4000 x 250 Ø, gear motor 1,5/1430
front and backmost running-in station off hopper
middle dropping station, spraying shop, accessories

b) Twin screw-conveyor
(self-construction)
hutch approx. 600 x 5000
2 parallel screw-conveyors ever 250 Ø
chains intermediate gear, gear motor approx. 3,5
steel section substruction, running-in cabinet 2000 x 600 x 1000
spraying shop, surveillance installation
switching units and operator facilities, accessories

c) belt weigher

DTL 1027 (Schenck, Nr. 1 FBW 3561)
band approx. 1000 x 2700, table with sliding surface, deflector roll
chains intermediate gear, gear motor, weighing equipment
force sensor, suction circuit points, emission schnurre,
steel section substruction

d) Twin waves mixer

BEL.94.2.500.2000
(Gisiger, Messen/Schweiz, Nr. 2196)
body 1700 x 1000 x 700
2 mixing screws 1700 x 400 Ø, wave
fan belt intermediate gear, ever motor 15/1450
glue addition, water addition, steel section substruction
running-in cabinet, coasting station, switch box, accessories

3 Press installation (installation III)

1 swarf transport installation
(Bühler-Miag, Braunschweig)

a) Horizontal-bevel-chain conveyor

steel hutch, base 360 x 460 x 9000, Winkel °45
bevel 350 x 350 x 7000
upper horizontal length 350 x 350 x 17000, self contained
chain, carrier, drive and clamp station, chain wheel
gear motor, rotation speed monitor, supporting structure
attachment, catwalk, board lead

b) screw-conveyor

steel hutch, approx. 5000 x 500 Ø, gear motor closed
running-in, coasting in installation V. III a

1 one-level- flake boards- mechanical equipment Valentin III a
for flake boards 1850 x 8210 (Bähre, Springe)

a) **molding station** year of manufaction 1999
(Kvaerner, Springe)
steel construction, approx. 12000 long
scatter band 1900/1850, running-in
manifold spiral over hopper, approx. 12000 x 300 Ø
gear motor, middle coasting, dropping
metering hopper, approx. 1900 x 5300 x 1350, allocation
4 rack-waves, chain wheels, gear motor
discharge head, belt
rubber belt 2000 x 5400 dimension between axes
chain wheel, rule pinion, drive disk, motor
dropping cylinder roll, chain wheel, gear motor
platforms, mulch cabinet, sheet steel, approx. 2200 x 11000 x 2400
oscillating sieve, rotary lock, air register
2 x 2 fans on the endwalls, ever collective spindle, driven disk, motor
cleaning facility after mulch drive, blower, motor, carriage foundation
wheels, 2 gears ever wave, chain wheel, rule pinion, drive disk, motor
grammage measuring system, radioactive heater, switch box
control device, track 22000 long

b) **swarf cake conveyor**
steel band, approx. 2000 x 41200 dimension between axes
tape thickness 1,2, deflector rolls 1000/1500 Ø
clamp station, pneumatical cylinder, clamp station
wave, gear, motor, drive station, chain wheel
gear, drive disk, variable speed motor, magnetic brake
steel section rack 1350 high, band steel device
2 nozzle assemblys, scraper, 2 brush waves, ever chain wheel
gear motor, 3 bridge curlings, control

c) **swarf cake disk saw**
TR 40 (Nr. 95400/009)
working width 1900, 2 blank holder arbors,
frame, throw, cranks, tappet, gear, collective wave
drive disk, gear motor, 2 disk saws 300 Ø, collective wave
drive disk, motor, carriage moveable over link chain
gear motor, swarf exhaust, swarf receiver device
band deflector roll, motor, steel section rack

d) **hutch screw conveyor**
for back-filled swarf cake
steel tray 7500 x 300 Ø, split, in mid lifting
2 gears ever chain wheel, gear motor 0,75/440-11,6
open casing, running-in hopper, exhaust

e) one level top roll pressure press
type 67-5500**,** year of manufacture 1969
Dieffenbacher, Eppingen (Nr. 74013069)
table dimensions 1960 x 8310, operating pressure 250 atü
pull back pressure 240 t, forming pressure 5500 t
2 x 6 pistons 475 Ø, daylight 300, stroke 300
2 hotplates, heating about thermal oil
coolant port, 2 x 6 spacer plate holder, steel construction
basement, presswater facility, accumulators
4 steel container 3500 x 500 Ø, 4 pressure gauge 0-600 kp/cm²
fittings, supporting structure,
2 piston pump type SL III 2400 (Nr. 66390468)
operating pressure 250 atü, 3 pistons 34 Ø, stroke 100
N=250, gear, drive disk, motor 37,0/1470, basement,
fittings, control valve, pressure control device, compensating reservoir
approx. 3000 x 2000 Ø, foundation, lagging hood about press,
sheet steel, attachment

f) discharging conveyor belt
200 x 1400, 3 steel curlings 100 Ø
2 feed waves pairs, contact pressure by the upper waves over
pneumatic
cylinder, chain wheels, gear from „b“ steel construction

g) check weigher
model 2151 (Toledo, Köln, No. 805643)
25 – 1000 kg, pressure range 500g, display 600 Ø
tare device, printer 420/6989, bridge approx. 8700 x 2150
steel construction, rack 1800 high, built-on conveyor belt
24 steel curlings 1950 x 100 Ø, limit stop

h) Star opener
7500 x 4000 Ø
12 straight-run plates at recirculation
14 x 16 arms, lumbers, steel profiles, wave
front plate 2500 Ø, 24 milling grooves
turn about disk, attachment, worm gear
n=75/2,4, gear motor, steel profile rack, foundation

i) Operation device
6 support conveyor belt, 2 link chain
dimension between axes 3000, attachment, collective wave
chain wheel, gear motor, reversible, steel construction
photocell control, 2 slider, ever 2 pneumatic cylinder

j) Elevator cage

for max. 25000 kg
platform 9800 x 1850, built-on conveyor belt,
26 steel wheels 150 Ø, chain wheels, gear motor
cage, wire hanging, stroke approx. 2500, 4 ropes
2 x 2 tumbling, 2 waves, chain wheels, winch,
motor, steel construction, foundation, brush band at running-in

k) Schwitcher

4 control panels for chip species, glueing
3 displays 0-3,5 t/h, 3 displays 0-800 l/h
10 instrumentation, molding station, press
5 temperature displays 0-400℃, 2 heating controls
2 time controls, 3 x recorder, 4 instrumentation 0-600 bar
transport equipment, switches, signal lamp, control cable

Press installation Dieffenbacher Typ 71 -8.300 consisting of:

1 Gluing unit (final coating)

a) screw conveyor

300 Ø x 3500, running-in, coasting, bevel reclined
Gear, motors approx. 2,2, water spray connection

b) screw conveyor

400 Ø x 4000, 2 running-in, 1 coasting, gear
Motors approx. 2,2, water spray connection

c) Twin worm shaft

4000 x 700 x 300
2 parallel running worm shaft, intermediate gearbox,
gear motor 2,2, running-in cabinet 2000 x 600 x 1200
fill level control, water spray connection
switching elements and operating elements, steel profile foundation

d) belt weigher

DTL 0127 (Schenk, Nr. 1 FBW 3534)
Belt approx. 1000 x 2700, table with sliding surface
deflector roll, chain intermediate gearbox, gear motor
load sensing equipment, force sensor, suction circuit points
cession schnurre, steel profile foundation

e) Twin wave mixer
BEL 94.2500 2000
(Gisiger Technik, Messen, Schweiz, No. 2281)
2000 x 1500 x 800, 2 parallel mixed waves
intermediate gearbox, ever motor 18,5/1440, switch box
steel profile foundation, glue feeding, water feeding, coasting,
accessories

5) 1 Gluing unit (medial coating)

a) screw conveyor
4000 x 300 Ø, gear motor 1,1
1 running-in, 1 coasting, spraying shop, accessories

b) Twin screw conveyor

4000 x 500 x 200
2 parallel screw conveyor gear
intermediate gearbox motor 2,2
running-in cabinet 2000 x 400 x 1000
spraying shop, monitoring devices
control unit and operator controls
steel profile foundation, accessories

c) belt weigher
DTL 1027 (Schenck, no. 1 FBW 3533)
belt approx. 1000 x 2700
table with sliding surface, deflector roll
chain intermediate gearbox, gear motor
load sensing equipment, force sensor
suction circuit points, cession schnurre
steel profile foundation

d) Waves mixer
EK 40 A (Lödige, Paderborn, no. 7932 ERS)
steel hutch 1500 x 400 Ø mix and spray wave
drive disk, motor, cooling water connection
swarf running-in, glue feeding, steel construction
coasting, platform, accessories

6. Press installation (installation IV)

year of manufacture 1970

1 swarf conveyor
(Bühler-Miag, Braunschweig)

a) horizontal chain conveyor
steel hutch, 350 x 450 x 13000, closed
chain, attachment, drive and clamping station
3 running-in, coasting

b) horizontal bevel chain conveyor
steel hutch, base 360 x 480 x 4000, angle 90°
vertical 360 x 480 x 3200, angle 90°
upper horizontal length 360 x 480 x 10000
closed, chain, attachment, clamping station
drive station, chain wheel, gear motor
rotation speed monitor, hanging, catwalk
stair, 2 running-in

c) screw conveyor
steel hutch, approx. 5500 x 400 Ø chain wheel
gear motor, closed, running-in off precipitator (roof)
coasting in “b”

1 **One-level-flakeboards-machinery** Valentin IV
for flakeboards 2200 x 10450 (Bähre, Springe)

a) Molding station
(Kvaerner, Springe)
steel construction, approx. 12000 long
range 2250/2150
2 belts, rubber belt 600 x 8000
6000 dimension between axes, ever carrier roller
chain wheel, gear motor, middle dropping, manifold screw
chain wheel, gear motor, dropping, metering hopper
approx. 2300 x 5400 x 1350, allocation, 4 rack waves
chain wheels, gear motor, discharge basement
belt, rubber belt, 2400 x 5200 dimension between axes
chain wheel, rule pinion, drive disk, motor, dropping spike roll
chain wheel, gear motor, platform, catwalk, mulch cabinet
steel plate, approx. 2400 x 11000 x 2200, oscillating sieve
rotary lock, air register, 2 x 2 fans by the front side
ever collective wave, drive disk, motor
cleaning device after mulch drive, blower, motor
substance measuring system, radioactive heater
switch box, control device, exhaust, track 22000 long

b) **swarf cake conveyor**

steel band, approx. 2300 x 52000 dimension between axes
tape thickness 1,2, deflector roll 1000/2500 Ø
clamping station, pneumatic cylinder, clamping station
wave, gear, motor, drive station, chain wheel, gear
drive disk, variable speed motor, magnetic brake
steel profile rack 1350 high, band steel device
2 nozzle assembly, deflector, 2 brush waves, ever chain wheel
gear motor, 3 lead over rolls, control

c) **swarf cake disc saw**

TR 400 (no. 95900/013)
working width 2350, 2 blank holder arbor, frame
stroke, cranks, excentric, gear, collective wave
drive disk, gear motor, 2 disk saws, 300 Ø, collective wave
drive disk, motor, carriage moveable about link chain
gear motor, swarf exhaust, swarf gripping device,
band deflector rolls, motor, steel profile rack

d) **hutch screw conveyor**

for drained swarf cake
steel hutch 7500 x 300 Ø, split, supporting to center
2 drives, ever chain wheel, gear motor 0,75/440-11,6
open case, running-in inlet, exhaust

e) **One level top roll pressure press** type 71-8300

Dieffenbacher, Eppingen, table dimension 2310 x 10550
operating pressure 250 atü, forming pressure 3800 Mp
pullback pressure 125 Ø, 2 x 8 pistons 500 Ø, daylight 300
stroke 300, 2 heating plates, heater about heat carrier oil
cooling water connection, 2 x 16 distance plate holder
steel construction, foundation, pressure water installation
accumulator, 6 steel cases 3000 x 550 Ø
2 pressure gauges 0-600 kp/cm², fittings, supporting structure
2 piston pumps type SL III 2400 (no. 76440769)
operating pressure 250 atü, 3 pistons 34 Ø, stroke 100
N=250, gear, drive disk, motor 37,0/1470, foundations
fittings, control valve, pressure monitor, compensating reservoir
approx. 3000 x 2000 Ø, foundation, lagging dome abou press
steel plate, hanging

f) Discharging conveyor belt

2500 x 1400, 9 steel rolls 100 Ø, 2 feed wave couple
contact pressure at the upper waves about pneumatic
cylinder, chain wheels, drive from “b”, steel construction

g) check weigher

model 2151 (Toldedo, Köln, no. 806949)
25 – 800 kg, compression stroke 500g, display 600 Ø
tare facility, printer 420/7248, bridge approx. 12000 x 2400
steel construction, rack 2000 high, built-on conveyor belt
34 steel rolls 2350 x 100 Ø, limit stop

h) Star opener

11000 x 5000 Ø
12 raw plates at recirculation
12 x 24 arms, lumbers, steel profile, waves
front side 1200 Ø, 24 milled edge, turning
roll, arm, cylinder hydraulic aggregate
box, pump, motor, fittings, steel profile rack, foundation

i) Discharging conveyor belt

2350 x 11000, 36 steel rolls, 90 Ø belt drive
gear motor, adjustment, 2 plates
pneumatic cylinders, arresters, discharging device
2 feed wave couple, adjustment of the upper wave
about pneumatic cylinder, chain wheel, gear motor
steel rack

j) Elevator cage

type 35/250 for max. 35000 kg
platform 10500 x 2350, buil-on conveyor belt
31 steel rolls 150 Ø, chain wheels, gear motor
cage, wire hanging, stroke approx. 2500, 4 wires
2 x 2 tumblings, 2 waves, chain wheels, winch
Motor, steel rack, foundation, brush rail at running-in

k) Switcher

5 control panels for swarf species, gluing
2 displays 0-4 t/h, 3 displays 0-1000 l/h
11 instrumentation, molding station, press
8 temperature displays 20 – 400 ℃, 3 he ater controls
7 time controls, 3 x recorder, 4 instrumentation 0-600 bar
transport devices, switches, signal lamps, control lines

7. glue mixing station

a) plastic container
1050 x 300 Ø, cap, level indicator
Basement coasting, 10 m plastic pipe NW 32

b) plastic container
1050 x 300 Ø, cap, level indicator
Basement coasting, 10 m plastic pipe NW 32

c) plastic container
1050 x 300 Ø, cap, level indicator
Basement coasting, 10 m plastic pipe NW 32

d) plastic container
1050 x 600 Ø, cap, level indicator
Basement coasting, 10 m plastic pipe NW 100

e) plastic container
1050 x 600 Ø, cap, level indicator
Basement coasting, 8 m plastic pipe NW 100

f) plastic container
1050 x 600 Ø, cap, level indicator
Basement coasting, 6 m plastic pipe NW 100

g) plastic container
1050 x 600 Ø, cap, level indicator
Basement coasting, 5 m plastic pipe NW 100

h) plastic container
1050 x 600 Ø, cap, level indicator
Basement coasting, 6 m plastic pipe NW 100

i) steel profile podium
2000 x 8000, light curtain basement,
rail, lead

j) blending station
plastic container 1000 x 800 Ø, rabble, wave
gear motor, feed off master, 13 pneumatic valves NW 32 & 50
measuring system 70, type Betriebs-PH-Meter
70 70-2-1 (Knick, no. 610293), digital display
plastic foil keyboard, connecting line, counter, switch box

k) basement weighing platform

ID 2 Multi Range (Mettler)
scale platform 800 x 800, measuring force sensor
connecting line, electronic evaluation unit, display
scale competence approx. 500 kg, precision 100 g

l) thick matter pump

SRT 80 DOROSHHTC (Stork, Bad Oeynhausen)
intake- Ø 80, coupler, gear unit, motor 7,5/1430
base plate, switch box

m) plastic pipe

3 m NW 60
1 manifold
4 m NW 50
4 tails
4 electropneumatical valves
4 x 3 m plastic hose NW 50
1 hand valve NW 50
4 stainless steel fluting, open, length 3,4,5 and 6 m
ever 1 coasting

n) 4 naval hopper

Plastic 1100 x 800 Ø, ever rabble, wave
gear motor, level indicator, basement coasting
4 x 1 m plastic pipe NW 50

o) 4 plastic container

ever 700 x 800 Ø, cap, running-in
basement coasting NW 32, hand valve

p) pump station

4 thick matter pumps SRT 30 (Stork)
4 intake- Ø NW 50, gear belt, gear
Motor 1,1/1400 stainless steel ground plate
Control unit, connecting hose

q) steel profile rack

5000 x 3000, light curtain catwalks, rail
1 stair with 10 ranges

r) electrical equipment

switch cabinet 800 x 400 x 1900, display
control unit and operator controls for scale and formula control
connecting line, 2 switch box (Schenk), ever 400 x 200 x 400
control unit and surveillance installation
control line, accessories

8. conveyor stack

a) conveyor belt

(Bankatsch, Siegen)
33000 x 2300, 93 steel rolls 130 Ø chain wheels
3 drive stations, ever gear motor
steel profile rack 750 high, arrester stop unit
ahead built roller conveying plant, foundations

b) conveyor belt

(Bankatsch, Siegen)
33000 x 2300, 93 steel rolls 130 Ø chain wheels
3 drive stations, ever gear motor
steel profile rack 750 high, arrester stop unit
ahead built roller conveying plant, foundations

c) conveyor belt

(Bankatsch, Siegen)
33000 x 2300, 93 steel rolls 130 Ø chain wheels
3 drive stations, ever gear motor
steel profile rack 750 high, arrester stop unit
ahead built roller conveying plant, foundations

d) conveyor belt

(Bankatsch, Siegen)
33000 x 2300, 93 steel rolls 130 Ø chain wheels
3 drive stations, ever gear motor
steel profile rack 750 high, arrester stop unit
ahead built roller conveying plant, foundations

e) across traverser

(Bähre, Springe)
platform 10700 x 2300 built-on conveyor belt
28 teel rolls 130 Ø chain wheels
2 gear motors, feed-across motion, 14 x5 wheels
chain wheels, waves, gear motor, frame
lifting about 2 cylinders, hydraulic aggregate, pump
motor, 7 operation curlings, frame, 4 x 2 wheels
chain wheels, collective waves, gear motor
lane 3 x 3000, 4 rails 18000 long, helmstand
switch cabinet, switch, rifleman, fuse, control line,
trailing cable

f) conveyor belt

5600 x 2300, 15 steel rolls 130 Ø chain wheels
gear motors, steel profile rack 730 high, foundations

g) Elevator cage

type 35/20 (Bähre, Springe)
till 25000 kg, platform 1050000 x 2080,
built-on conveyor belt, 1532 steel rolls 150 Ø
chain wheels, gear motor, cage, wire hanging,
stroke approx. 2500, 4 wires, 2 x 2 tumbling, 2 waves
chain wheels, winch, motor, lateral adjustment
right rail, 4 shafts, pinion, collective wave, chain wheel
gear motor, left, 3 rails, ever pneumatic cylinder
steel rack, foundations

h) Conveyor belt

1800 x 2300, 5 steel rolls 100 Ø
feed wave couple, 2 wheels
contact pressure of the upper wave
about 2 pneumatic cylinder, chain wheel, gear motor
2 pressure wheels, collective wave, arm, pneumatic cylinder
pneumatic cylinder, steel profile rack 1550 high, foundations

9. edge working and partition street

a) Twin end profiler

DAA 61 (Mayer & Schwabedissen, Herford no. 701175)
working width till 2500, width adjustment
work gear spindle, servodrive, daylight till 180
plate conveyor belt 80 x 1600, distance between axes
rubber pressure belt 55 x1600 distance between axes
drive shaft, grooved shaft, gear, variable speed gear
motor 3,5/1420, 2 chippers, ever motor 5,5/2860
100 Hz, support, movable, casting rack, foundation
frequency changer, exhaust

b) Operation device

(Bähre, Springe no. 95606)
feed wave couple, 10 wheels
contact pressure of the upper wave
about 2 pneumatic cylinder, chain wheel
drive by “a” ejector, 4 arms, collective wave
2 pneumatic cylinder, steel rack, foundation

c) Twin end profiler

DAA 61 (Mayer & Schwabedissen, Herford)
working width till 10500, latitudinal adjustment
gear rack, pinion, hand crank, servo-motor
2 x 1 and 3 x 2 transport chain
29 x 3600, distance between axes, carrier, grooved shaft
gear, gear unit, motor, 2 cutters
ever motor 8,3/2860 50Hz, support, movable
upper pressure device, 3 disk saws
blade 250 Ø, drive disk, motor, casting rack
foundation, switch cabinet, exhaust

10. Plate grinding facility (Bähre, Springe)

a) transport device

19500 x 2200, 12 conveyor belts
belt 100 x 1800 distance between axes
table with sliding surface, deflector roll
collective wave, chain wheels, 3 gear motors
6 integrated conveyor belts 2000 x 600
7 steel rolls 70 Ø, steel profile rack 1400 high

b) transport device

10500 x 5000, 11 conveyor belts
35 x 4500 distance between axes
carrying roller, deflector rolls, collective wave
chain wheels, variable speed drive, motor
6 built-in conveyor belts 2400 x 600
7 steel rolls 70 Ø, frame, lifting about arm
2 pneumatic cylinder, steel profile rack

c) Conveyor belt

14000 x 2300, 45 steel rolls 900 Ø belt drive
carrying roller, deflector rolls, waves, chain wheel
gear, 11 right limit plates, steel profile rack 1500 high

d) Brush station

5600 x 2300, 15 steel rolls 130 Ø chain wheels
gear motor, steel profile rack 730 high, foundations

e) wide belt grinding machine

BSM 4/220 (Bähremetall)
working width 2200, daylight 8-40, adjustable
4 cylinders, hydraulic aggregate, plate handling
steel rolls, worm gear, collective wave, drive disk
motor, servo motor, pressure rolls
upper and lower grinding aggregate, pressure gate
tightener, precision regulator, deflector rolls, motors
75 alternatively 90 kW, n=1480, contact pressure, arm
oscillation device, coasting, brush roller pair, drive disk
motor, steel rack, foundation, control panel
discharge conveyor belt, 4 lamps, mirror

f) wide belt grinding machine

BSM 2 F/220 (Bähremetall no. 58901)
working width 2200, daylight 8-40, adjustable
4 cylinders, hydraulic aggregate, plate handling
steel rolls, worm gear, collective wave,
drive with BSM 4, motor, collective pressure rolls
upper and lower grinding aggregate, pressure gate
tightener, precision regulator, deflector rolls, sanding pad
motors 75/1480, pressure, arm, oscillation device
coasting, brush roller pair, drive disk
motor, steel rack, foundation, control panel
discharge conveyor belt, 4 lamps, mirror

11. Plate transport device

a) Transport device

5800 x 2500, 7 conveyor belts
belt 100 x 5000 distance between axes,
table with sliding surface, deflector rolls
chain wheel, gear, coupling, motor
steel profile 1500 high

b) conveyor belt

12500 x 2300, 40 steel rolls 90 Ø
therefrom 12 split, belt drive, carrying roller
deflector rolls, gear, coupling, motor, coasting
feed waves couple, 4 wheels
pressure of the upper wave about 2 pneumatic cylinder
chain wheel, gear motor, ejector, plate, carriage
track, pneumatic cylinder, overbuilt cross bar
4 arrester, rotatable about pneumatic cylinder
2 arrester supports, photocell control
steel profile 1500 high, foundation, built-in feed-across motion
14 conveyor belt, 40 x 1600 distance between axes
table with sliding surface, deflector rolls, collective waves
chain wheel, gear motor, frame, lifting about arms
2 pneumatic cylinder, operation rolls to De Metz

c) scissors lift

125 AC-52-22-20 (De Metz, Izegem, no. 89-574)
max. 16000 kg, platform 10600 x 2250, split
stroke approx. 2200, twin shear, cylinder
hydraulic aggregate, 4 built-on conveyor belts
ever 9 steel rolls 150 Ø, chain wheels, gear motor
arrangement, arrester pneumatic cylinder, steel rack
mine, foundation, switch cabinet

d) Discharging device

10800 x 2300, 6 built-on conveyor belts
ever 7 steel rolls 130 Ø chain wheels
2 gear motors, steel profile rack 750 high, foundation

12. sorting system

a) across circular saw

(Schwabedissen)
working width 2200 blade 300 Ø, motor, infeed
arms, pneumatic cylinder, carriage
feed about link chains, gear motor
mounting rollers, photocell control, steel construction

b) Conveyor belt

13000 x 2400, 40 steel rolls, 2400 x 80 Ø
1 feed roll couple, upper and lower support wave
ever 4 rolls, 2 upper pneumatic cylinder, motor
lateral support, lateral ejector 3000 long wave
chain reduction gear, gear motor, overbuild arrester arbor
2 motor-drive adjustable dilatorily arrester
pneumatic cylinder tilting, built-in across conveyor
6 conveyor belts, 50 x 2500 distance between axes
pneumatic height moveable, built-in across conveyor
6 conveyor belts, 50 x 2500 distance between axes
pneumatic height moveable motor oscillating
overbuild mechanical stop cylinder tilting
motor-drive moveable, 4 side-lay-cylinder
2 past right and 2 past left ejective
tilting, motor-drive moveable
steel profile superstructure, steel profil construction

c) Across feed carriage

5000 x 2400, 6 m side moveable
built-on lifting platform, stroke approx. 1000
hydraulic aggregate pump, motor
steel profile frame, 6 sliding rail superstructural parts
trailing cable power supply line
overbuild side lay rack with 2 side lays
1 depth stop, automatic plate adjustment

d) scissors lift

HDT (Trepel, Wiesbaden, no. 3023181)
load capacity 7500 kg, operating pressure 220 bar
table size 5000 x 2500, stroke approx. 1500
hydraulic aggregate, control unit and monitoring installation
6 built-on sliding rails

e) scissors lift

HDT (Trepel, Wiesbaden, no. 3023181)
load capacity 7500 kg, operating pressure 220 bar
table size 5000 x 2500, stroke approx. 1500
hydraulic aggregate, control unit and monitoring installation
6 built-on sliding rails

f) Adjustment rack

11000 x 3000, 4 side lays
ever pneumatic cylinder, limit plate
2 motor-driven moveable mechanical stop cylinder
tilting, pneumatic cylinder, motor, accessories every nature

g) Switch cabinet

2000 x 400 x 2000, for system control
with all switch and control units, connecting line

1 switch gear

1 switch cabinet 11 panels
1 switch, N 10-600
1 switch, N 12-1000
1 switch, N 12-630
4 switches, N ZMH 4-63
3 switches, N ZM 6-63, ZM
1 switch, N ZM 6-160 ZM
1 switch, N ZM 9-250 ZM
18 fuse switches
1 continuous current, grinding street, protected switch, gate, relay, transformer, safety fuse, etc.
control line