

Pelletier - Anlage (Offer 8018)

- × Pelletier – Anlage
 - × Fabrikat Andritz
 - × Baujahr 2008/09
 - × 5 Tonnen pro Std.
 - × NP 4,8 Mio

 - × Preis 1,8 Mio

 - × Details im Anhang

 - × Kompl. Produktion incl. Heizungsanlage, Vorratssilo

 - × Technische Fragen: Tel. 0043 676 470 4625
- × Pelletier - Plant
Make Andritz
Year 2008/09
4-5 tons per hour
NP 4.8 million

Price 1,8 million

Details in Appendix

Complete production including heating plant, silo,
 - × Technical Issues: Tel. 0043 676 470 4625











Intake and wet mill section

- N°1 **Walking floor**
- 5mtrs x 5mtrs overall length x wide
 - Made in mild Steel.
 - Hydraulic cylinders.
 - hydraulic motor.
 - app 16 t/hour capacity (50% moisture).
- N°1 **Screw**
- ø400mms x 7mtrs overall length
 - Made in mild Steel.
 - app. 5,5kw geared motor.
 - app 16 t/hour capacity (50% moisture).
- N°1 **Bucket elevator.**
- 8mtrs overall hight
 - Made in mild Steel.
 - app. 4 kw geared motor.

Wet grinding

- N°1 **Hammer mill feeder type DS 315/250**
- 2 m³ pre-bin made of mild steel with negative angles.
 - Emergency emptying hatch.
 - Triple 3 screw with half increased pitch in inlet.
 - Inspection pane
 - Flexible connections
 - 2 empty and full level indicators
 - 3 x 1.5 kW gear motors
 - Danfoss frequency converter
- N°1 **A-S Magnet-air separator for hammer mill type OPTIMILL**
- Built-in permanent magnet.
 - Stone trap.
 - Inspection door.
 - Regulating slide for air intake.
- N°1 **A-S Hammer mill type OPTIMILL-900**
- Common bottom frame for mill and electric motor.
 - Coupling.
 - Motor bracket.
 - Vibration dampers on bottom frame.
 - Temperature sensors on main bearings.
 - Gate locking device.
- N°1 ABB electric motor, 250 kW, 1475 rpm., 3x 400 V, 50 Hz
Mounting included.
- N°1 **Frame with connection to discharge screw**
- N°1 **Discharge screw conveyor from hammer mill.** Triple 3 screw with half increased pitch in inlet.
- 3.0 kW gear motor.
- N°1 **Filter cyclon** housing without filter bags for hammer mill made of 2mm carbon steel including cleaning door and level control (min. + max.).
- N°1 **Fan.**
- Capacity: 6,500m³/h air at 15° C
Static pressure: 400mm w.g
- Console and housing made of mild steel.
 - Travelling trolley made of Corten steel.
 - Belt drive with Electromatic speed guard.
 - Flexible connection on suction and pressure sides.
 - Vibration dampers.
 - 1" drain.
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- Manual regulating valve.
 - 18 kW electric motor, 3000 rpm.
- N°1 Screw**
- ø400mms x 3mtrs overall length
 - Made in mild Steel.
 - app. 4kw geared motor.
 - app 16 t/hour capacity (50% moister).
- N°1 Chain Conveyor.**
- 10mtrs overall length
 - Made in mild Steel.
 - 4kw geared motor.

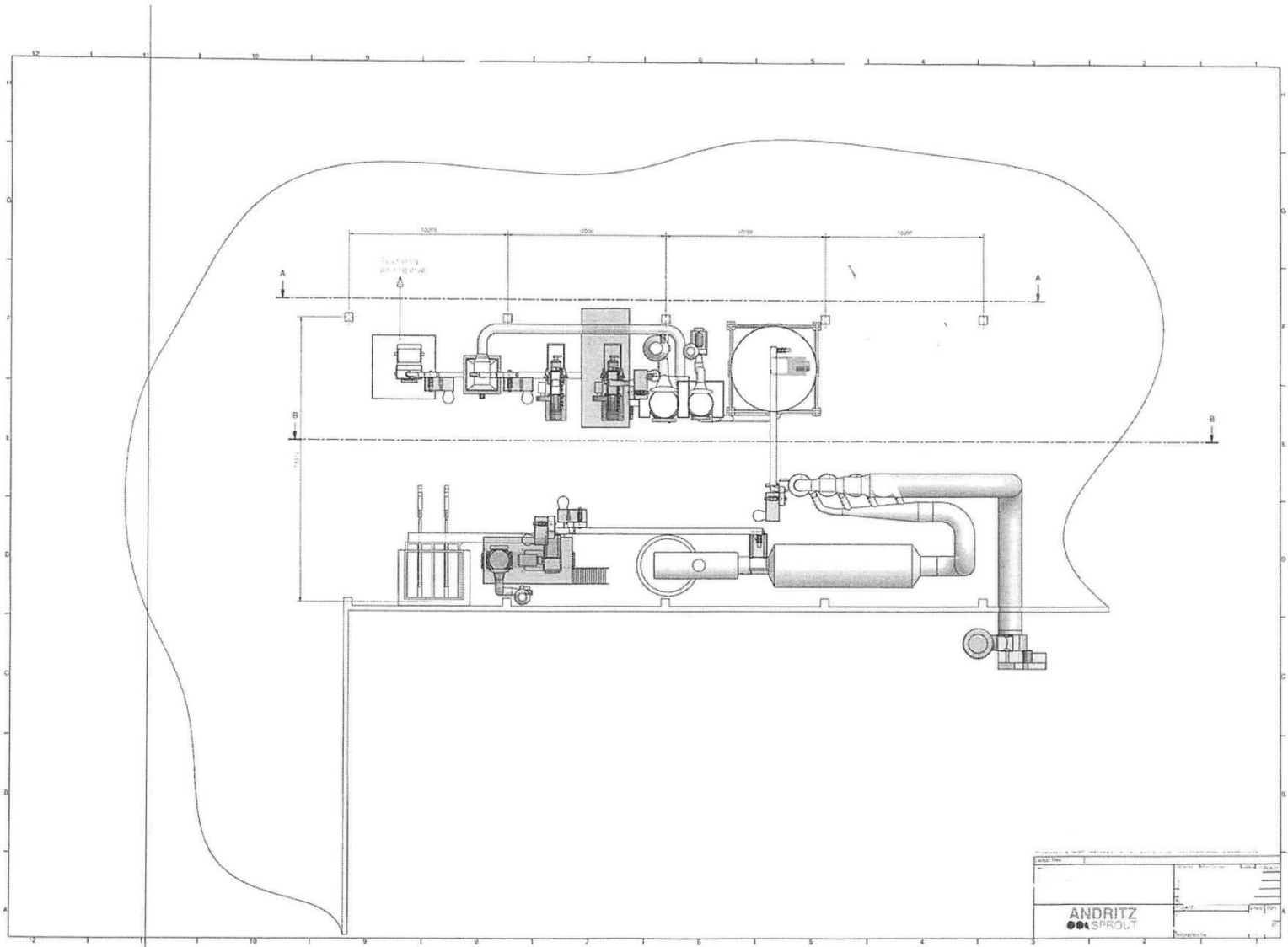
Drying section

- N°1 combustion grate included fireproof brickwork**
- Type MI-1x4 / 32
 - Drive Hydraulic drive
 - Grate width total 1880 mm
 - Grate length 4 926 mm
 - Grate surface 9.26m²
 - Number of grate wagons 4
 - Number of sub-air zones 4
- o Primary air system
 - o Secondary air system
 - o Re-circulation air system
 - o Hoppers under grate and clinker chute
 - o Ash conveyor
 - o Fuel feeder
 - o Hydraulic equipment
 - o Combustion chamber
 - o Control system
 - o N°1 drying drum made of three coaxial elements of thick sheet iron with mixing and advancing blades, both ends are with inspection doors, supporting rings of iron sections – insulation included
 - o Discharging rotary valve – complete with motor speed reducer powered with 15Kw electric motor
- N°1 recycling screw conveyor** with speed reducer - electric motor kW. 5,5
- N°4 supporting rollers** of large diameter turning on steel shafts on ball bearings
- N°1 driving group** made of one speed reducing gear in cast iron casing, oil filled, cylindrical gears of hardened steel, shafts on roller bearing, toothwheel pinion and roller chain - electric motor kW. 19 - pulleys and belts
- N°1 high efficiency blower** with reinforced sheet iron coil, statically and dynamically balanced impeller, steel shaft on ball bearings, pulley for vee belts air register - driven by kW. 110 electric motor Oso
- N°1 multi-cyclone (2 + 2)** of thick sheet iron with supporting frame and legs, discharge-rotating valves powered by kW. 2,2
- N°1 connecting pipes** to the dryer
- N°1 filter bag our type mod. 7** - antechamber in galvanized plate – filter's room, galvanized execution - 420 SNAP-RING sleeves in dralon - 42 solenoid valves – 420 galvanized cages 125 mm x 2500 mm – Venturi's room completed with inspection door - service stair and safety baluster – discharging screw conveyor with a rotary valve - motor from kW 2,2 - execution pre-assembled.
- Series of pipelines** and curves in painted carbon steel for the connection between the filter to the drier and the blower.
- N°2 electronic temperature** controllers with digital display - sensible rods.
- N°1 Ignitroll spark detector system** completed with 1 optical detector mod. IGN 505 IR - 1 power supplier 24 Vdc - 1 electronic circuit close into IP 55 housing with test push button.
- N°1 main switchboard** in dust tight cabinet containing all necessary contactors duly interlocked in automatic action, switches relays push buttons - pilot light clamp, etc. - PLC type Siemens and operator panel.
- N°1 automatic oil line** with cartridge

Dry grinding, hammermill section

- N°1 **Chain Conveyor.**
- 10mtrs overall length
 - Made in mild Steel.
 - 4kw geared motor.
- N°1 **Bucket elevator.**
- 12mtrs overall hight
 - Made in mild Steel.
 - app. 4 kw geared motor.
- N°1 **Steel silo appr. 200 m³.**
- 12,5mtrs overall hight
 - 6 mtrs diameter
 - Made in mild Steel.
 - app. 4 kW Gearmotor.
- N°1 **Out loading system 2x 45 m³.**
- N°1 **Feed screw, type DS 2x250**
- Screw trough made of St. 37.
 - 2 x screw.
 - Inspection window.
 - 2 x 2,2 kW Gearmotor (frequency regulated).
- N°1 **Separator for mill, type 650/800B.**
- Made in mild Steel.
 - Built-in permanent magnet, which can be turned from the outside when it is cleaned.
 - Stone trap with drawer.
 - Primary air intake for mill.
- N°1 **Hammermill, type Multimill 650/800B with manual screen change.**
- Guide plate in top..
 - Made in mild Steel.
 - Bottom frame for mill and motor.
 - Screen frames for screen.
 - 1 set Ø6 mm screen.
 - 1 set 6 mm hardened hammers.
 - Coupling for motor with screen.
 - Electronic temperature surveillance of bearings and the temperature inside grinding chamber.
- N°1 **Main motor 132 kW 3000 rpm.**
- N°1 **Frame with collection bin for mill.**
- Made in mild Steel.
- N°1 **Filter, 48/2400 with cone adapted to air-lock.**
- Made in mild Steel.
 - Filter bags type PE/PE 501 AS (antistatic).
 - Explosion relief with membrane.
 - Differential pressure meter.
 - Electronic control.
 - Legs
- Filter area: 43 m²
Load: 3,1 m³/min./m²
Pressure air: Nominal 105 NI/min., 6 bar.
- N°1 **Level guard placed in the outlet of the filter.**
- Remark: <Max dust emission after the filter is 15 mg/Nm³.
- N°1 **Cell air-lock.**
- Made in mild Steel.
 - Gearmotor: 2,2 kW.
- N°1 **Fan.**
- Console and housing made in mild Steel.
 - Impeller made of Corten.
 - Belt drive with speed guard, Electromatic.
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	<ul style="list-style-type: none"> - Flex connection on suction and pressure side. - Manual guide slide throttle. - Data: Air quantity 8.000 m³/h v/15°C. Static pressure 800 mm w.g. - Motor: 37,0 kW, 3000 rpm.
N°1	Piping system: Suction pipe between mill and filter, and from filter to ventilator and to open air, 3mm painted and 1,5 mm galvanized steel.
N°1	Chain Conveyor. <ul style="list-style-type: none"> - 6mtrs overall length - Made in mild Steel. - 2,2kw geared motor.
N°1	Bucket elevator. <ul style="list-style-type: none"> - 8mtrs overall height - Made in mild Steel. - 2,2kw geared motor.
N°1	Spark-detector system (fire protection) for hammermill with 1 sensor, 1sprinkler and control unit.
<u>Pelletmill section</u>	
N°1	Pre-bin, 1,5m3. <ul style="list-style-type: none"> - Bin made of stainless steel - Built with negative angles. - Emergency emptying gate. - 2 pcs. level guards, Rotonivo.
N°1	Feed double screw 250. <ul style="list-style-type: none"> - Made of stainless steel. - 2.2 kW gearmotor with separate cooling ventilator (frequency controlled).
N°1	Conditioner, type SPROUT-MATADOR PM30 , volume: 750 litres. <ul style="list-style-type: none"> - Stainless mixing trough. - Cleaning hatch in full length, one side supplied with hatch switch. - Motor, 11 kW 750 rpm.
N°1	Steam equipment for 200 kg/h consisting of (excluding boiler):
N°1	Pellet mill, type SPROUT-MATADOR PM30-3 , especially designed for pelleting of biomass, with outer roller adjustment. <ul style="list-style-type: none"> - Capacity – 4,5/hr - Central oil lubrication of gearbox with filter system fully closed and automatically controlled - Oil pressure gauge, which disconnects the main motor at lacking oil pressure. - Oil cooler, oil/air. - Stainless exchangeable protection plates in pellet chamber and on gearbox. - Crane for mounting and demounting of rollers and die. - Twin inlet screws built with stainless cabinet, tooth belt drive. - Motor: 2,2 kW for oil pump. 2,2 kW for inlet screws with thermistor 0,75 kW for oil cooler 0,12 kW for moving in and out the pellet chamber.
	Incl.:
	<ul style="list-style-type: none"> - Main motor 315kW 1500 rpm. - 2 pcs. Die Ø6 x 100 P__ chrome steel. - 2 pcs. Complete rollers with channels for water-cooling.
N°1	Tools for PM30-3 pellet mill.
N°1	Automatic grease lubrication system for max 2 pellet mills.
N°1	Water-cooling system (for max 2 pellet mills).
N°1	Two-way distributor



ANDRITZ SPROL	
Project: _____ Drawing: _____ Date: _____ Scale: _____	Rev. No.: _____ Rev. Description: _____ Rev. Date: _____

M-Trade GmbH

Geschäftsführerin Barbara Engelsmann

Josef-Schwer-Gasse 9

5020 Salzburg -AT-

Lieferbedingungen-AGB

Diese Seite in der deutschen Sprache ist Bestandteil des Gebrauchtmaschinenangebots. Bitte lesen Sie die unten aufgeführten Lieferbedingungen genau durch, um Missverständnisse zu vermeiden.

Bei allen verkauften Maschinen, ist die Ausführung und der Zustand der Maschinen ohne Gewährleistung. Für Menge, Qualität, Maße, Baujahre und Vollständigkeit der Beschreibungen wird nicht gehaftet. Irrtümer in den Beschreibungen bleiben vorbehalten und sind ohne Einfluss auf einen abgeschlossenen Kauf. Daher sollte der Käufer stets die angebotene Maschine besichtigen.

Alle nicht ausdrücklich angebotenen bzw. nicht bestätigten Lieferleistungen in der Rechnung sind kundenseitig zu erbringende Leistungen, sofern sie nicht ausdrücklich als Lieferbestandteil vermerkt sind. Dazu gehören als kundenseitig zu erbringen alle baulichen Maßnahmen, Stahlunterbauten, Fundamente und sonstige Tragkonstruktionen, Podeste, Rutschen, Prallwände, Holzauflagen, Treppen, Laufstege, Wartungsstege, etc. sowie Entsorgungsanlagen, Absaugeinrichtungen, Stromkabel, Dämmmaterial, Steuerkabinen, Staub- und Lärmschutz-Einrichtungen, Werkzeuge, Schärfeneinrichtungen, Pneumatikversorgungsanlagen mit Wartungseinheit und Leitungen, Hydrauliköl und sonstige Schmierstoffe wie auch alle Elektroarbeiten. Abgrenzungen die zur Sicherung der Baustelle während der Installationszeit notwendig sind, gehören nicht zu unseren Leistungen. Sämtliche Abgrenzungen müssen kundenseitig entsprechend den örtlichen Bauvorschriften erstellt werden. Ebenso sind bauseitig alle Leistungen zur Erfüllung der jeweils örtlich gültigen berufsgenossenschaftlichen und CE spezifischen Bestimmungen und Vorschriften zu gewährleisten.

Kabel und Kabelführungen von der Hauptverteilung zum Schaltschrank bzw. vom Schaltschrank zu den Motoren, Schaltern und sonstigen Peripheriegeräten sowie Verlegung und Anschluss der Kabel gehören nicht zu unseren Leistungen.

Die Installation der notwendigen Zu- oder Rückführungen von Kühlflüssigkeiten, Wasser und jeder Art von Betriebsstoffen gehören nicht zum Leistungsumfang. Die Belange des Umweltschutzes sind vom Käufer zu beachten.

Die zur Installation der Maschinen notwendigen Hebewerkzeuge (Kranen, Stapler, hydr. Stempel usw.) sind vom Kunden zur Verfügung zu stellen.

Demontage, Montage, Verladung und Transport gehen, solange im Angebot nicht ausdrücklich anders vermerkt, zu Lasten des Kunden. Ebenfalls gehen, wenn nicht ausdrücklich vermerkt, Reise-, Verpflegungs-, Übernachtungs- und Auslösekosten eingesetzter Monteure, auch von Fremdfirmen zu Lasten des Käufers.

Wünscht der Käufer eine Einführung für eine gekaufte Maschine ist diese zusätzlich für den Käufer kostenpflichtig. Eine gesonderte Rechnung wird nach Einführung an den Käufer gestellt.

Die Preise verstehen sich ab dem Angebot angegebenen Standort. Bankgebühren und Gebühren für Sicherheitsleistungen gehen zu Lasten des Kunden. Bis zur Vollständigen Bezahlung bleiben die gelieferten Maschinen Eigentum der M-Trade GmbH in Salzburg.

Zwischenverkauf ist stets vorbehalten selbst wenn eine Anzahlung geleistet wurde. Bei Verzug der Abnahme und Abholung der gekauften Maschine vom Kunden steht es der M-Trade GmbH frei, Standgebühr zu verlangen, oder vom Kauf zurück zutreten. Kündigungsgrund oder Stornierung des Kunden durch Lieferverzug aus diversen Gründen der M-Trade GmbH ist ausgeschlossen.

Änderungen der Vereinbarungen nach einem Kaufvertrag oder Erhalt einer Rechnung oder Auftrag ist nur schriftlich wirksam. Mündliche Abmachungen sind unwirksam.

Salvatorische Klausel: Sollte eine oder mehrere der vorstehenden Bestimmungen ungültig sein, so soll die Wirksamkeit der übrigen Bestimmungen hiervon nicht berührt werden. Dies gilt auch, wenn innerhalb einer Regelung ein Teil unwirksam ist, ein anderer Teil aber wirksam. Die jeweils unwirksame Bestimmung soll zwischen den Parteien durch eine Regelung ersetzt werden, die den wirtschaftlichen Interessen der Vertragsparteien am nächsten kommt und im übrigen den vertraglichen Vereinbarungen nicht zuwiderläuft.

Gerichtsstand ist Salzburg

This page in the German language is part of the used machine offer. Please read the Conditions below carefully to avoid misunderstandings.

For all machines sold, the execution and the state of the machines without warranty. For quantity, quality, dimensions, year and completeness of the descriptions is not responsible. Errors and omissions in the descriptions are reserved and no influence on a concluded sale. Therefore, the buyer should always inspect the machine on offer.

Any rights not expressly confirmed delivery services offered or not in the bill are customer deliverables, unless they are specifically stated as a delivery component. These include a customer to pay all construction work, Stahlunterbauten, foundations and other supporting structures, platforms, slides, baffle walls, wooden supports, stairs, walkways, maintenance, bridges, etc., and waste disposal systems, exhaust, power cables, insulation, control booths, dust and noise protection facilities, tools, sharpening devices, pneumatic supply systems with maintenance unit and lines, hydraulic oil and other lubricants as well as all electrical work.

Boundaries are necessary to secure the site during the installation time, do not belong to our services. All expenses must be created by the customer in accordance with local building codes. Also on site are to provide all services to meet the current local trade association and CE-specific rules and regulations.

Cables and cable guides of the main distribution board to the cabinet or the cabinet to the motors, switches and other peripherals, as well as installation and connection of the cables are not included in our services.

The installation of the necessary increase or repatriation of cooling liquids, water and any kind of operating materials are not included in Scope. The environmental concerns are considered by the buyer.

The installation of the machinery necessary lifting equipment (cranes, forklifts, hydraulic, Stamp, etc.) must be provided by customers.

Disassembly, assembly, loading and transportation go as long as the offer unless expressly stated otherwise, at the expense of the customer. Also go, if not explicitly stated, travel, meals, lodging and trip costs inserted fitters, also from foreign companies at the expense of the buyer.

If the buyer purchased a machine for an introduction, this additional fee for the buyer. A separate invoice will be made after the introduction of the buyer.

The prices range from the specified site. Bank fees and charges for security services shall be borne by the customer. Until full payment of the delivered machines remain the property of M-Trade GmbH in Salzburg.

Is always subject to prior sale, even if a deposit was made. In case of default of acceptance and collection of the machine purchased by the customer is free to the M-Trade GmbH to demand state fee, or by buying back JOIN NOW. Reason for termination or cancellation of the customer by delivery delays for various reasons the M-Trade GmbH is excluded.

Changes to an agreement on a contract of sale or receipt of an invoice or order is effective only in writing. Oral agreements are invalid.

Severability: If one or more of the above provisions be invalid, the validity of the remaining provisions shall not be touched. This applies even if ineffective within a scheme is a part, but another part effectively. The ineffective provision shall be replaced in each case between the parties with a provision that comes as the economic interests of the Parties to the next and not otherwise contrary to the contractual agreements.

Jurisdiction is Salzburg