



Machinery for the Woodworking, Stone,  
Glass, Plastic, and Metalworking Industries



**Date :** 09/20/2024 - 12:45 AM \*  
**EXF # :** PT-300004  
**Category :** PELLET MFG. EQUIPMENT  
**Brand / Model :** NOVA PELLET "N-MIDI PLANT"  
**Machine Type :** PELLET PLANT  
**Year of Mfg. :** 2024  
**Condition :** Brand New w/Warranty  
**Elect / Voltage :** 400 V, 50/60 Cy, 3 Ph.  
**Special Note :**

**FOB / Region :** MIDWEST  
**Appr. Repl. Cost. :** \$ 1,250,000  
**Price :** **\$ 949,000 \***  
**Comment :** Proven & reliable technology, one supplier!  
**Leasing :** Contact NCL for quote



Please ask me

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\* Pricing is valid at the time of printing and subject to change at any time.

**Description :**

- Complete Wood Pellet Manufacturing Plant including Dryer and Bagging Line.
- Capacity: 0.9 - 1.3 Tons/Hr (0.8 - 1.2 metric tons/Hr).
- Raw Material: Wood chips, sawdust, wood shavings.
- Power: 335 HP (250 kW) Installed, 295 HP (220 kW) average.

The Pellet Plant consists of the following main components:

- (1) Wood Chip Hopper: 706 cu. ft. (20 cbm) volume; includes Discharge Screw, Motor.
- (1) Rotary Drum Dryer: 1.0 - 1.2 tons/Hr (0.9 - 1.1 metric tons/Hr) dry material capacity, moisture reduction from ...25% to 12% (Optional: Dryer for higher moisture contents); includes: Cyclone, Rotative Valve, Electrical Cabinet with PLC (Optional: additional Dust Filter).

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- (1) Biomass Burner: Approx. 695 Lbs/Hr (315 kG/Hr) Wood Chips, max. ...45% moisture content.
- (1) Magnetic Separator.
- (1) Hammer Mill: 1.0 - 1.4 Tons/Hr (1 - 1.3 metric tons/Hr) dry material capacity, 100 HP (75 kW) installed power, 1.2" x 0.78" x 0.2" (30 x 20 x 5 mm) max. grain size.
- (1) Dry Chip Silo: 565 cu. ft. (16 cbm) volume, 124" (3,150 mm) diameter, 321" (8,150 mm) height; includes: Dust Filter, Pulse Jet Cleaning System, and Safety System with Spark detection, Rotative Valve.
- (2) Pellet Mills (Type: N-MIDI): Each 1,100 - 1,540 Lbs/Hr (500 - 700 kG/Hr) capacity, 74 HP (55 kW) main drive; includes: (1) x Die, (2) x Rollers, Electrical Cabinet with PLC.
- (2) Vibrating Screens.
- (1) Pellet Cooling Column.
- (1) Packaging Line (Type: N-Pack): Manual operated line includes: Screen, Conveyors, Storage Hopper, Pneumatic Valve, 15 kG Bags, semiautomatic Pallet Wrapping machine.
- Auxiliary Equipment: Conveyors, Ducts for Dedusting, Fan for Silo loading, etc.
- Shipment to US port, Mechanical & Electrical installation, start-up, and training included.

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