



KMI Pulp Machines Inc.

**6,000,000 Egg Cartons Per Year
Plus 2,500,000 Egg Flats Per Year**



\$798,000.00 USD

Re: **KMI Pulp Molding System # KMI-3X-54-6
KMI Hot Press Systems # HP-100
Four Color Egg Carton Printer**

From: KMI Pulp Machines Inc.
Jacksonville, Florida USA 32217

Email: Don@kmipulpmachines.com
Monique@kmipulpmachines.com

Delivery: 9 months from receipt of deposit for machine

3A: KMI Pulp Molding System # KMI-3X-54-6

Molder #M54-6, Process #P54-6, Dryer #- D54-6, Packing Table

List of Equipment supplied with each KMI Pulp Molding System KMI-3X-40.5-6

Molder M54-6 and Process P54-6

One face stainless steel molding drum with quick die clamps suited for quick die change, anti- friction bearings (Platen size 1376 mm x 413 mm).



- Automatic die and decal wash system. This water is heated through a heat exchange system from the seal water in the vacuum pump.
- Automatic transfer die oiling and cleaning system
- Manual and automatic operating settings
- One air receiver and one air puff receiver tank with inline filter, regulator and lubricators.
- All necessary electrical controls and starters all wired to a control panel that can be run in automatic or manual.
- One stainless steel molding vat with a constant pulp flow system for product weight control, one 150 liters per minute pulp transfer pump 250 liter stainless steel circulation tank with automatic pulp level control from the pulpe supply tank.
- One 230 psi die and decal wash pump.
- One Travaini vacuum pump 30Kw – 16 cubic meters per minute.
- One 39 liters per minute seal water pump
- One white water pump 350 liters per minute.
- One 950 liter stainless steel vacuum tanks and one white water return pump @ 400 liters per minute.
- Two heavy structural assembly frame epoxy coated.
- Technical Services Supplied for installation and start-up.
- Drawings
- Assembly
- Crating
- Loading
- Documentation
- Jobsite Installation Materials
- Spare Parts (limited supply)
- All required electrical wiring (Note: the Buyer shall supply at its expense all the necessary electrical power including transformer as required by Seller for the Equipment as well as all cables up to the Seller's control panels)

Single Source Pulping System

- One pulper with 11.25Kw VFD speed controlled motor @ 700 liters @ 3% and 2100 liters @ 1%
- One 2200 liter pulp storage tank an 500 liter per minute transfer pump.
Pulp is supplied on demand to the pulp circulation tank by gravity.
- One 3,950 liter white water tank.
-

This Two Pass One Zone Dryer (for 40.5" system) has:

- One 11.7 meter dryer zone.
- One main conveyor drive motor with a VFD control to match the speed of the molder.



- One 3 meter lead-in conveyor with adjustable height.
- One automatic chain oiling system
- Fabricated from structural steel and heavy galvanized steel sheeting
- Has a continuous variable speed roller chain tray conveyors that automatically matches the molding speed of the KMI molder.
- One Natural gas or oil burners Total 1,300,000 btu's
- One blower plug circulation fan. (280 cubic meters per minute)
- One exhaust fan per zone. (56 cubic meters per minute)
- One makeup air inlet fan per zone. (34 cubic meters per minute)
- Has a high temperature cut off and E stops
- Cross duct heat exchange system returning exhaust heat energy back to the makeup air system of the dryer
- The dryer is complete with a user friendly control panel.
- The insulation is 10 cm rock wool fiber board. The panels are assembled to provide a sealed enclosure.

Dies:

- This machine comes with 3 – 12 or 10 cell egg carton dies and 4 egg flat dies.





Egg Carton Printing System

1050 trays per hour



Automatic Stacker

The printed trays are stacked automatically. They are pushed out the other side ready for packing.

The egg trays are placed on the conveyor manually. An automatic tray denester drop is optional.

DESCRIPTION:

One complete printing system to include:

- One Basic Printing Machine.
- One Side-Print Station with four colours total, two colours each on two separate sides.
- One Top/Inside Print Station with four colours total on top of lid and one colour inside lid.
- Stacker



SPECIFICATIONS:

BASIC PRINTING MACHINE:

- Heavy-duty welded steel tubing frame.
- Single pusher chain for transporting product through equipment.
- Single driveline provides motive force for all components of system.
- Gear motor with A.C. variable frequency drive.
- Electrical integration of system components, PLC controlled.
- Single point pneumatic and electric hook-ups.
- Product guides and pinch point guarding.
- Complete set of product specific tooling for 1 particular product. (tooling sets available for multiple product at additional cost)

TOP / INSIDE PRINT STATION:

- 4-colour capability top of lid.
- 1-colour capability inside lid
- Magnetic plate cylinders with precise pressure and parallelism adjustments.
- Non-running registration of plate images.
- Detachable inking units include form roll with parallelism and pressure adjustments.
- Cam-driven doctor roll for even ink supply.

SIDE-PRINT STATION:

- 2-colour capacity on each of front and rear sides of carton (4 total).
- Magnetic plate cylinders with precise pressure and parallelism adjustments.
- Non-running registration of plate images.
- Ink-fountains utilize pressurized air for ink flow.



- Form roll with precise pressure adjustment.

STACKER:

- Cartons counted as stacked.

NOTES:

- Customer to supply sufficient product for proper testing and verification.

DURATION OF OFFER:

This quotation will remain valid for thirty (30) days.

SHIPPING:

- F.O.B. Ohio, U.S.A.

WARRANTY:

All equipment is guaranteed to be free from defects in materials and workmanship for a period of one (1) year from date of shipment. This equipment guaranty includes all components purchased , which are supplied with the original equipment delivered, according to manufacturer's warranty

Set up & Connections to power by Buyer.



KMI Hot Press Systems # HP-100



Hot Press System #HP100: This system comes as a standalone unit or may be connected to a conveyor dryer for auto pressing out of the dryer. One single die press 400 mm wide x 360 mm long. This system will accept one egg tray from 10 cell up to 18 cell, at a rate of up to 16 drops per minute or 960 trays per hour. This system comes complete with:

- One automatic denester (optional)
- One water misting station (optional)
- One indexed in and out conveyor
- One single die hot press
- One automatic stacker and counter



12 or 10 cell Die included



**Total Cost includes: One KMI HP100 Hot Press System.
One Steel 12 or 10 cell hot press die included**

Buyer is required to supply the following during installation:

1. Off-loading facilities on the arrival of the containers. Unload and place the system in its location. A 5 ton forklift during construction and a light mobile crane.
2. A crew of skilled construction workers for the duration of the installation and commissioning of the machine. These workers will include a qualified electrician, pipe fitter and rigger with assistant to work under the supervision of KMI Pulp Machines Inc.'s technicians. Two technical people that will be the maintenance and operator staff for this system should be available for the duration of the installation
3. Connection of the electrical, water and natural gas (or Fuel oil) as required by the molding system.
4. A sump or drainage for accidental spills – this will be needed during installation, training, and general operation. Even though this is a closed system, accidental spills occur.
5. Openings in the roof for exhaust duct, cooling tower and vacuum separator. Weather proofing of the ducts after installation. Note: Cooling tower is best vented outside the building.



6. Insurance to cover all risks during construction including damage or loss to new and existing equipment and buildings.
7. Access to fax, telephone, and email facilities for KMI Pulp Machines Inc.'s Technicians.
8. Compressor for the system is to be supplied by the customer.
9. Access to the site 12 hours a day seven days a week during installation.

Moulder Total Price:

Printer Total Price:

Hot Press Total Cost:

USD798,000.00

f.o.b. Jacksonville, Florida and Ohio

Included onsite set up supervision and Training (2 weeks)

TERMS OF PAYMENT: For the Equipment (f.o.b. Jacksonville, Florida USA), the Buyer shall pay the Contract Price in full to the Seller on the following terms: shall pay the Contract Price in full to the Seller on the following terms:

- (a) By Wire Transfer: 35% of the total Contract Price in US funds, payable within 15 days of signing of this Quotation by the Buyer.
- (b) By Wire Transfer: 35% of the total Contract Price in US funds, payable within 75 days of signing of this Quotation by the Buyer.
- (c) By Wire Transfer: 30% of the total Contract Price in US funds, payable one week prior to shipping after copies of the:

The costs of all bank charges, bank guarantees, etc. are to be paid for the Buyer. Any such costs incurred by the Seller shall be reimbursed by the Buyer to the Seller on demand of the Seller.

GENERAL:

The Buyer shall pay any and all sales tax, value added taxes, goods and services taxes, transfer taxes and transaction taxes or other taxes that are or may hereafter be levied by any government or other taxing authority on any Equipment or services sold, leased, rented or otherwise provided by the Seller to the Buyer pursuant to this Agreement. The buyer shall pay for all certifications and inspections required before and upon arrival at its destination for equipment. (As required by countries regulations)



The buyer shall pay for all certifications and inspections for this equipment.

The Buyer shall be responsible for arranging for and expediting of work visas for the Seller's technical personnel, and such work visas shall be supplied by the Buyer to the Seller prior to such technical personnel arriving at the appropriate installation site. In addition, the Buyer shall be responsible and pay for the accommodation, meals, air transportation to the site and transportation costs of such technical personnel during their stay at or near the installation site. Should the Buyer require additional time for the technical personnel beyond the Seller's standard installation time, the Buyer shall pay the Seller an additional amount of \$650.00 (U.S.)/day. . It is required that flights over five hours will be business class. Buyer shall be required to pay the cost of a translator if one is required.