Round Cotton Module Ginning Recommendations

JOHN DEERE

INSTALLATION INSTRUCTIONS

Round Cotton Module Ginning Recommendations

N390128 10OCT08 (ENGLISH)

John Deere Des Moines Works
N390128 (10OCT08)
LITHO IN U.S.A.

N390128-19-10OCT08

SELF

N390128

Introduction

While John Deere is not providing gin solutions for processing round seed cotton modules at gins, John Deere has an interest in recommending the proper means for insuring quality and efficient processing of these modules. The following recommendations and guidelines shall apply to all feeder floor types unless otherwise stated.

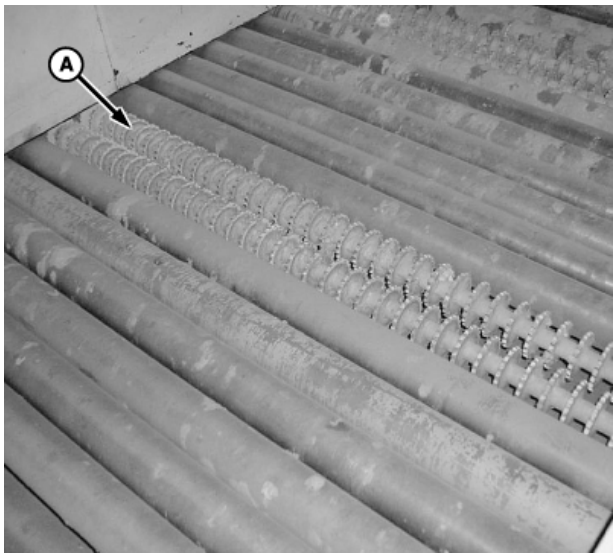
OUO6041,000005E -19-03OCT08-1/1

Prevent Wrap Damage

IMPORTANT: Handling or ginning equipment should not puncture or tear module wrap causing loose pieces.

1. Wrapped modules must not directly pass over rock or debris removing rollers (A).

A—Rollers

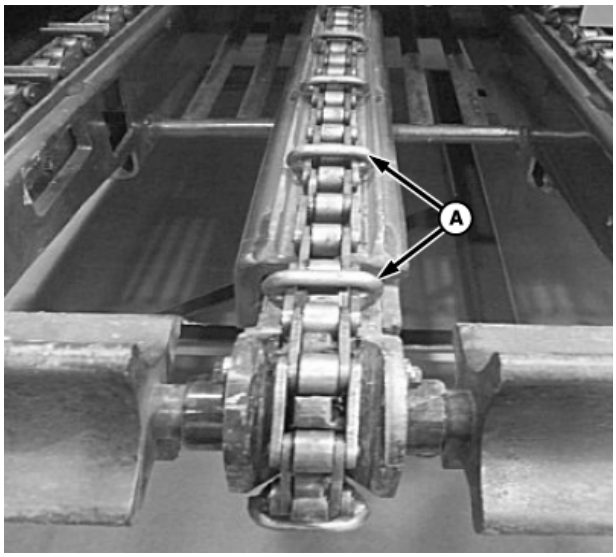


N81880 —UN—06OCT08

OUO6041,000005F -19-07OCT08-1/2

2. Wrapped module handling equipment with chains must be equipped with puncture and slit resistant lugs (A).

A — Lugs



N81881 —UN—06OCT08

Preferred Chain

OUO6041,000005F -19-07OCT08-2/2

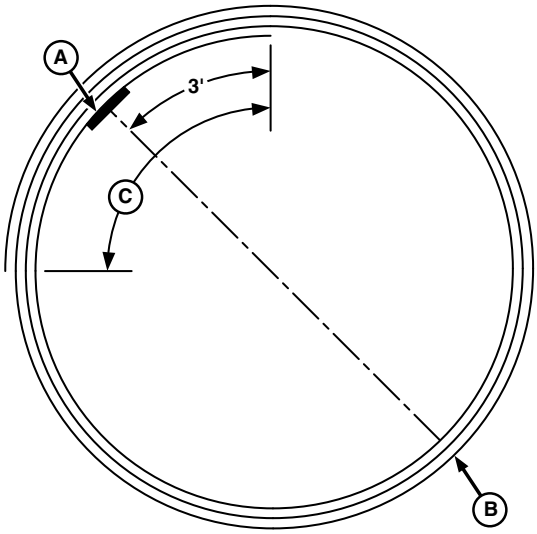
Wrap Removal

IMPORTANT: Cutting the wrap must be only one axial clean cut along the entire length of the module without leaving shards of plastic at the cut edge.

NOTE: 7-1/2 foot diameter modules can be cut directly opposite of the end of the outer tail for locating.

1. An RFID generation II tag (A) is placed near the inner tail for locating.
2. Wrap (B) must be cut opposite of the inner tail (C) to eliminate the potential of cutting through the outer tail.

A—RFID Tag
B—Wrap
C—Inner tail



N81883 —UN—06OCT08

OUO6041,000005C -19-07OCT08-1/2

A compactor is recommended for the removed plastic.

N81882 —UN—02OCT08

OUO6041,000005C -19-07OCT08-2/2

Module Staging On Feeder Floor

Modules must be placed **close together without gaps** on feeder floor.

N81875 —UN—02OCT08

OUO6041,000005B -19-07OCT08-1/5

Modules placed with axis oriented perpendicular to the feeder floor travel direction should have suitable **feed rate control or an accumulator** to compensate for the peaks and valleys of the modules.

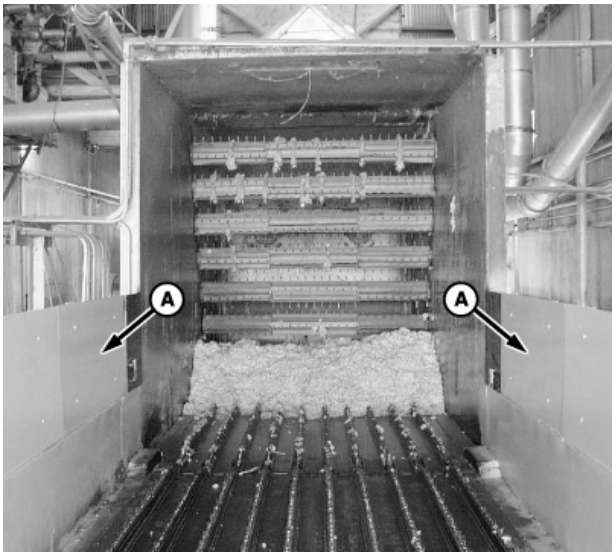
N81876 —UN—02OCT08

Continued on next page

OUO6041,000005B -19-07OCT08-2/5

Modules placed with axis oriented parallel to the feeder floor travel direction may need **feeder side walls (A)** approximately 5 feet high to contain modules.

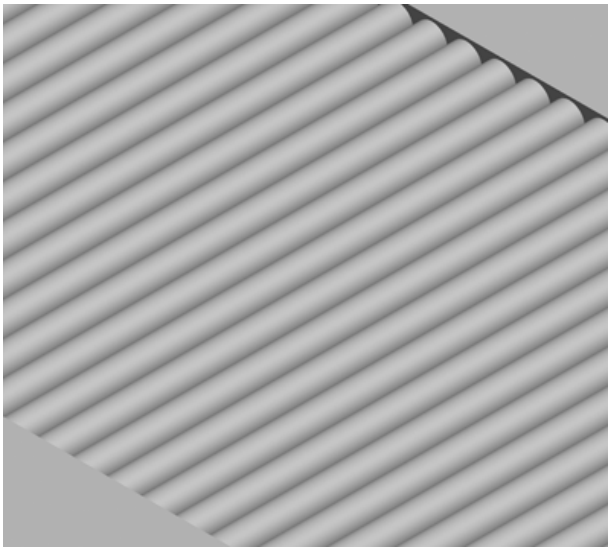
A—Feeder Side Walls



N81877 —UN—06OCT08

OUO6041,000005B -19-07OCT08-3/5

Modules placed onto a roller style feeder floor with the axis oriented parallel to the floor travel direction may need **increased friction** between the rollers and the unwrapped module. Welding iron rods to every other roller to maintain clearance or applying slip resistant paint may be required.



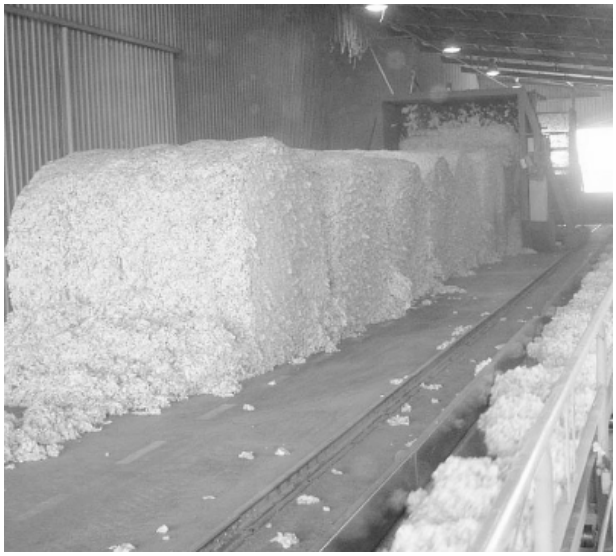
N81878 —UN—03OCT08

Roller Feeder

Continued on next page

OUO6041,000005B -19-07OCT08-4/5

For **moving head feeders,** modules should be placed on the concrete slab with the module axis oriented perpendicular to the travel direction.



N81879 —UN—02OCT08

OUO6041,000005B -19-07OCT08-5/5