

# MOD ZILLA

## ROUND MODULE OPENERS MODEL RMO-20

U.S. PATENT# 7,757,353



### BELTS TILTED UP AFTER WRAP REMOVAL

#### ADVANTAGES:

- *Single operator*
- *Fits over most feeder beds*
- *Processes round or rectangular style modules*
- *Simple electrical position switches = no complicated end-coders*
- *Heavy duty belts conform to round modules thus keeping cotton dense yielding consistent feed rates*
- *Belts tilt up in feed position to form wall thus preventing spillage*
- *Heavy duty frame compensates for off-center loads*
- *Blowout system prevents cotton build-up underneath belts*
- *Simple to install & operate*
- *5 models to fit all types of feeders*
- *Gin friendly with standard components made in the USA*
- *Covered by U.S. Patent*

## MODEL RMO-20 ROUND MODULE OPENER MFG BY COTTON MACHINE WORKS, LLC.

DESIGNED BY CTC DESIGN, INC.

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# FEATURES



RUGGED  
CONSTRUCTION



HEAVY DUTY BEARINGS



SIMPLIFIED TOUCH SCREEN  
CONTROLS



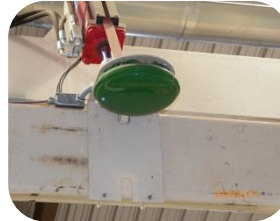
#120 HEAVY DUTY CHAIN &  
SPROCKET DRIVE  
(SHOWN WITHOUT GUARD)



5 HP GEAR MOTOR  
BELT DRIVE



TRIPLE GROOVED  
BELT GUIDES



RFID READER  
RECOMMENDED  
BY JOHN DEERE



HEAVY DUTY PROX SWITCH  
MOUNTING SYSTEM



HIGH INTENSITY  
LASER SENSOR  
DETECTS MODULE  
POSITION



SQUEEZE ROLLERS FOR  
NARROW FEEDER BEDS



CRADLE SAFETY LOCK



CRADLE IN LOCKED  
POSITION



SAFETY HYDRAULIC  
CATCHER CYLINDERS



COMPACT 15 HP  
HYDRAULIC PUMPING  
UNIT



OSHA APPROVED  
SAFETY MATS



SIDE SHIELDS PREVENT  
COTTON SPILLAGE



TENSIONER PREVENTS  
BELT OVERLOAD

## SPECIFICATIONS:

- 80-100 BPH capacity
- Belt Safety Factor = 10 to 1
- Controlled by (8) proximity switches & (1) laser sensor
- Driven by (2) 5 HP gear motors & (1) 15 HP pumping unit

## MODZILLA FAMILY OF ROUND MODULE OPENERS

**RMO-20 Standard Style**  
(Chain & Roller Bed Type Feeders)

**RMO-20 CW Crosswise Style**  
(Chain & Roller Bed Type Feeders)  
Designed for narrow feeders  
No **MONEY** wasted to widen beds

**RMO-20 TM Track Mounted Style**  
(Walking Floor Type Feeders)

**RMO-20 TH Traveling Head Style**  
(Single & Double Traveling Head Feeders)

**RMO-20 SF Short Frame Style**  
(Chain & Roller Bed Fed Type Feeders)