

MacDon[®] Changes/Improvements from FD70 to FD75

AUGER MOUNTING

New left hand, right hand feed auger mounts on CA25 (Castings)

- · Fewer parts to simplify auger mounting
- · Allows easier auger removal for servicing

SEED SAVER

Seed saver parts now standard on CA25

- · Improved sealing means more of your seed is saved while still retaining front rock sump area
- · Front rock sump and poly pan area feature improved sealing.

TRIM SPRINGS REPLACED WITH ROCKERS

Simplified design for improved performance

- · Easier to remove and install CA25
- · Fewer parts and components
- · Improved header performance as adjustments are no longer needed

FEED AUGER SPRINGS

Improved feed auger springs on CA25

- · Provides positive drum hold down for improved feeding
- · Higher initial tension means crop is better compressed before it enters the feeder house
- Easier assembly (Doesn't require initial stretching of spring)

FLOAT/TILT INDICATOR

New simplified design

- · Improved operator clarity by mounting tilt indicator directly on cylinder
- · Fewer parts and simpler design means easier to service and less chaff build up
- · New design allows for factory installation

CENTRELINK

Rear anchor pivot moved forward

- · Common hydraulic CentreLink fits all combines
- · No change to the current optimal header angles

CA25 HYDRAULICS

New hydraulic valve block and filter

- · Knife reverser standard
- · Improved side draper speed dial with position indicator
- Easier to service with fewer fittings and connection points
- · New O-ring seal replaces square cut seal on filter improves seal

DRAPER MOTOR

A common 4 bolt standard flange motor replaces round edge flange motor

· Needle bearing motor replaced with journal bearing motor which provides improved seal life

DRAPER TENSION INCREASED

Side draper tension increased by 33%

- · Improves drive to drapers for handling the heaviest of crop loads
- · Components strengthened to allow for tension increase

FULL LENGTH DRAPER GUIDES

New longer draper guide spans multiple header legs

- · Increased draper life with additional support of the draper on the bottom side of the draper deck
- · Added space improves dirt rejection and allows dirt to escape from the bottom of the C-shaped cutter bar

ADDITIONAL DECK SUPPORT ADDED

An additional deck support has been added to all 35' - 45' FlexDrapers

· Provides better deck support and ensures an excellent draper to cutter bar seal

BACK SHEETS

One piece back sheets

- · Fewer parts simplify and improve aesthetics
- · Common design for all configurations and sizes

HINGED DECK

Hinge added to FD75 draper deck

- · Improves durability of draper deck
- · Extends life of side drapers

DIVIDERS

Quick Latch System removed on Dividers (This feature is not required by all customers)

- · Divider cones are now securely bolted to header end panel
- · Same Divider system for all configurations
- · Optional latch kit available for quick removal of dividers for reduced transport width

NEW REEL ARM DESIGN

Straight reel arms

- · Increased side to side stability in extreme terrain
- · Improves relationship of the reel finger to cutter bar for all header sizes (Ensures optimal positioning of reel fingers throughout the entire range of the reel fore-aft position)

END SHIELDS

Restyled end shields

- · Updated 5 Series styling
- · Secure mounting
- · Swing out shields (left and right hand)
- · Redesigned slot style latching for easy operation
- · Shields shipped installed



Changes/Improvements from FD70 to FD75 (cont.)

REEL END SHIELDS

Redesigned reel end shield shape and mounting

- · Improves performance with less carry-over
- Increased clearance between reel and header end sheets for improved crop flow
- · Common parts for left and right side of reel

STEEL FINGERED REEL OPTION

A configuration of 30' and 35' FD75 now available with steel reel fingers

Steel reel fingers maximize durability in rice applications

PARKER HYDRAULIC COMPONENTS

Beginning with the 2013 model year, we are standardizing the hydraulic lines on all MacDon products. All hydraulic hoses, couplers and fittings will be supplied by Parker.

CAST BELL CRANKS

Weldment replaced with castings

· Casting is stronger and more durable

COMPRESSION LINK BALL JOINTS

Rubber bushings replaced with Teflon lined ball joints

- · Increased durability
- · Common part for all FD75

SKID SHOES STANDARD ON FD75

Made standard equipment as of 2015 models

- In most conditions operating without skid shoes reduces dirt ingestion into the draper and cutter bar
- Allows for lower cut height enabling a close shave to the ground while running a shallow guard angle
- Decreases surface area friction resulting in better performance in wet conditions

REEL FUNCTION HYDRAULICS

Plumbing relocated to Rear draper deck

- · Ease of service
- · Securely mounted

COMPRESSION MOLDED SKID SHOES

New compression molded skid shoes for inboard legs (Optional on FD75 models)

- · Increased durability over current skid shoe design
- · Easier to replace

KNIFE STORAGE

Spare Knife Storage for 40' and 45' double knife units

- Spare knife storage is now provided on 40' and 45' double knife headers
- A full length spare knife can now be shipped from the factory when ordered with the header

SHIPPING

New simplified design

- · Straight forward bolt on components
- · Ships 2 per truck
- · Minimal additional setup