# M2, K2, SP9, SP12 and SP12-R Combines

Service Manual

5838

Reprinted





Figure 5. Field View of Model SP-12 Self-Propelled Combine Equipped with Pick Up Attachment

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I

## GENERAL SPECIFICATIONS

PULL TYPE COMBINES
SELF-PROPELLED COMBINES

# GENERAL SPECIFICATIONS—PULL TYPE COMBINES MODEL M-2 AND MODEL K-2

	Model M-2	Model K-2
Length of Cutter Bar	9 feet	12 feet
Sickle in Front or on One Side of Cylinder	Side	Side
Right or Left Hand Cut	Right	Right
Minimum Cutting Height	$1\frac{3}{4}$ inches	$1\frac{3}{4}$ inches
Maximum Cutting Height	30 inches	30 inches
Type of Header	Auger	Auger
Type Header Lift	Low Pressure	Low Pressure
	Hydraulic	Hydraulic
Header Auger Speed	400 RPM	400 RPM
Type of Feeder	Steel Rake	Steel Rake
	Undershot	Undershot
Reel Drive	Power	Power
Reel Drive Speeds	3 Speeds Regular 2 Speeds Special	3 Speeds Regular 2 Speeds Special
Number of Bats on Reel	3 or 6	3 or 6
Type of Cylinder	Rub-bar or Spike Tooth	Rub-bar or Spike Tooth
Number of Rub-bars on Cylinder	10	10
Number of Spike Tooth Bars on Cylinder	8	8
Width of Cylinder	32 inches	32 inches
Diameter of Rub-bar Cylinder	19 inches	19 inches
Diameter of Spike Tooth Cylinder	21 inches	21 inches
Type of Cylinder Drive	Vee Belt	Vee Belt
Cylinder Bearings	Sealed, Self-Aligning Ball Bearing	Sealed, Self-aligning Ball Bearing
Cylinder Speeds—Regular	625 or 1028 RPM	625 or 1028 RPM
Cylinder Speeds—Special	210, 279, 500, 800	210, 279, 500, 800
	or 1285 RPM	or 1285 RPM
Beater Bearings	Roller	Roller
Beater Speed, Rub-bar	533 RPM	533 RPM
Beater Speed, Spike Tooth	436 RPM	436 RPM
Fan Bearings	Sealed, Self-aligning Ball Bearing	Sealed, Self-aligning
Fan Speed	800 RPM	Ball Bearing 800 RPM
Width of Rear of Body	32 inches	32 inches
Type of Straw Rack	Unit Rack	Unit Rack
Straw Rack Strokes Per Minute	240	240
Check Flap, Rub-bar	Front—Counter	Front—Weighted
	Balanced Metal Flap	Canvas Flap

	Model M-2	Model K-2
Check Flap, Rub-bar	Rear—Weighted Canvas Flap	Rear—Weighted Canvas Flap
Check Flap, Spike Tooth	Front—Counter Balanced Metal Flap	Front—Double Hinged Metal Flap
Check Flap, Spike Tooth	Rear—Weighted Canvas Flap	Rear—Weighted Canvas Flap
Chaffer Sieve Dimensions	$38\frac{1}{4}$ inches long 31 inches wide	38½ inches long 31 inches long
Chaffer Sieve Extension Dimensions	12 inches long 31 inches wide	12 inches long 31 inches wide
Cleaning Sieve Dimensions	$39\frac{1}{2}$ inches long 31 inches wide	$39\frac{1}{2}$ inches long 31 inches wide
Number of Wheels	2	2
Main Wheel Bearings	Tapered Roller	Tapered Roller
Main Wheel Tires	7.50 x 18	9.00 x 24
Tire Pressure	32 pounds	36 pounds
Sickle Speed	400 strokes	400 strokes
Sickle Speed	per minute	per minute
Capacity of Grain Bin	35 Bushels	45 bushels
Grain Bin Unloading, Gravity or Auger	Auger	Auger
Overall Width, Cutting	14 feet 2 inches	17 feet 8 inches
Overall Width, Cutting (9 foot header)	II IOOO M AIIOIIOO	14 feet 8 inches
Overall winding (b 2000 monator) =========		
Overall Width, Transport	9 feet 9 inches	10 feet 4 inches
Overall Width, Transport (9 foot header)	primario de la constante de la	10 feet 9 inches
Overall Widoli, Italispore (b 1000 houses)		
Overall Height, Cutting	12 feet	12 feet
Overall Height, Transport	9 feet	9 feet
Weight	4707 pounds	5341 pounds
Weight (9 foot header)	E-	5151 pounds
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