RS551 Round Baler

Operators Manual

6-5351

CASE IH AGRICULTURE

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SPECIFICATIONS

(Specifications and design are subject to change without notice and without liability therefore.)

MODEL ..... RS551 Round Baler

DIMENSIONS AND WEIGHTS (Without Mesh Wrap)

Overall baler width
- with gauge wheels ..... 3204 mm (126 IN)
- without gauge wheels
  - with 31 x 13.5 x 15 tires ... 2918 mm (114.9 IN)
  - with optional 14L x 16.1 tires ... 2984 mm (117 IN)

Length (overall) ..... 3768 mm (149 IN)
Height (overall) ..... 2616 mm (103 IN)
Weight (approximate) ..... 2867 kg (6320 LB)
Tongue weight (empty) ..... 525 kg (1160 LB)

BALE SIZE

Bale diameter
- minimum ..... 762 mm (30 IN)
- maximum ..... 1524 mm (60 IN)

Bale width ..... 1562 mm (61.5 IN)
Bale weight (approximate*) ..... up to 684 kg (1509 LB)
Bale density*
- dry hay, average ..... 240 kg/m³ (15 LB/FT³)

Bale volume ..... 2.85 m³ (100.6 FT³)
Capacity (approximate*) ..... up to 20 metric tons/hr (22 tons/hr)

BALE CHAMBER

Width of chamber ..... 1562 mm (61.5 IN)
Number of belts ..... 8 laced
Belt width ..... 177 mm (7 IN)
Belt length ..... 12 065 mm (475 IN)
Number of bale forming rolls 15
Type of rolls
- lower drive, crowned deep groove rubber 1
- upper drive, crowned rubber 1
- belt idler rolls 12
- starting roll with rubber flaps 1

Bale overfill protection ..... yes
Bale size indicator ..... yes
Bale full audible alarm ..... yes

TIRES

Balers without mesh wrap
- tire size
  - standard ..... 31 x 13.5 x 15
  - optional ..... 14L x 16.1
- pressure ..... 241 kPa (35 psi)
- wheel hardware size 9/16-18
- wheel hardware torque ..... 165 N·m (120 LB·FT)

Balers with mesh wrap
- tire size ..... 14L x 16.1
- pressure ..... 241 kPa (35 psi)
- wheel hardware size 9/16-18
- wheel hardware torque ..... 165 N·m (120 LB·FT)

Pickup
- gauge wheel size ..... 16 x 6.5 x 8 Turf Tread
- pressure ..... 193 kPa (28 psi)

DRIVES

PTO speed ..... 540 or 1000 r/min (rpm) depending upon gearbox installation
Pickup ..... chain driven
Forming belts ..... chain driven
Gearbox ..... 540 or 1000 r/min (rpm), 90°
Input drive line ..... CV U-joint
Overload protection ..... slip clutch

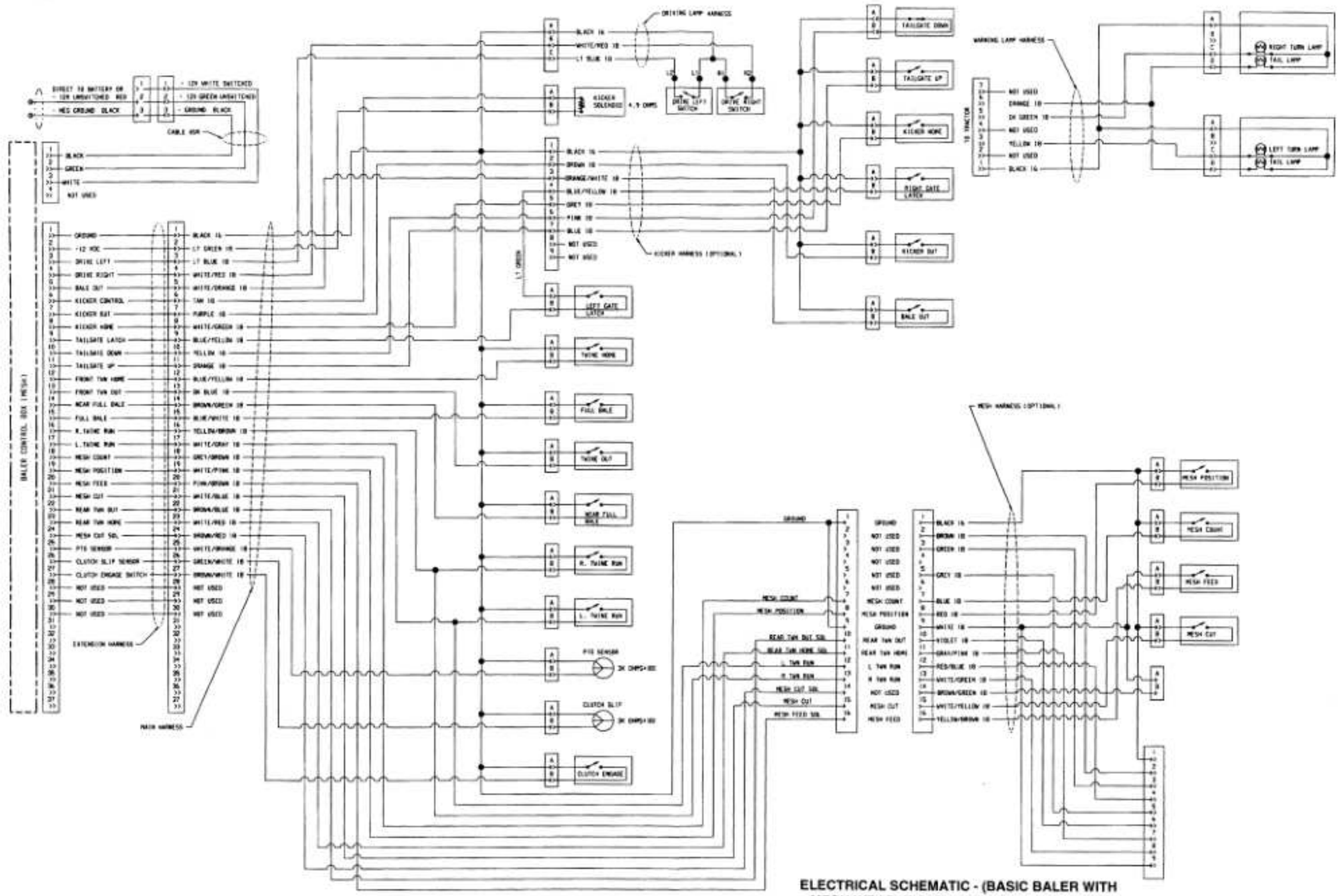
PICKUP

Width
- outside, end to end ..... 2338.5 mm (92 IN)
- inside, panel to panel ..... 2133 mm (83.6 IN)
- tine to tine ..... 1914 mm (75.3 IN)

Tine bars/tines ..... 4 bars/60 tines
Tine control ..... dual cam track
Windguard ..... rod
Speed ..... 125 r/min (rpm)
Lift ..... manual (standard), hydraulic (optional)
Overload protection ..... radial pin clutch

** Depends on crop and moisture conditions.*

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ELECTRICAL SCHEMATIC - (BASIC BALER WITH MESH WRAP, KICKER, AND DRIVING LAMPS) *L99A-032a*

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