8455
Round Baler

Operators Manual

9-23355

MidWestTech | Case 8455 Round Baler Operator's Manual | Publication 9-23355

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TABLE OF CONTENTS

SPECIFICATIONS IV
SERIAL NUMBERS V
CHECKLISTS VI
SAFETY PRECAUTIONS 1
GENERAL INFORMATION 6
DESCRIPTION 7
SERVICING 13
PREPARATION 17
OPERATION 21
MAINTENANCE 30
Electrical (with Bale Ejector) 57
TROUBLESHOOTING 64
FORMING BELTS WARRANTY INFORMATION 73
STORAGE 75
EXTRA EQUIPMENT 76
ALPHABETICAL INDEX 79

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SPECIFICATIONS

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

MODEL ..... 8455 Round Baler

DIMENSIONS AND WEIGHTS

Width (overall) ..... 95.87 IN (2435 mm)
Tread width ..... 81.57 IN (2072 mm)
Length (overall) ..... 159.23 IN (4044 mm)
Height (overall) ..... 112.5 IN (2858 mm)
Tongue weight (empty) ..... 750 LB (340 kg)
Weight (approximate) ..... 4800 LB (2177 kg)

BALE SIZE

Bale diameter
- minimum ..... 50 IN (1270 mm)
- maximum ..... 75 IN (1905 mm)

Bale width ..... 46.5 IN (1181 mm)
Bale weight (approximate*) ..... up to 1650 LB (748 kg)
Bale density (average*) ..... 11 LB/FT³ (176 kg/m³)

BALE CHAMBER

Width of chamber ..... 46.5 IN (1181 mm)
Number of belts 6
Belt width ..... 7 IN (178 mm)
Belt length ..... 562.5 IN (14 288 mm)
Number of bale forming rollers 13
Type of rollers ..... steel
Bale overfill protection ..... yes
Bale size indicator ..... yes
Bale full audio alert ..... yes
Powered rienks 7

TIRES

Size
- standard ..... 11L-15, 8 ply
- flotation ..... 31-13.5, 8 ply Terra-Rib

Wheel nuts 19/16-18
Wheel nut torque ..... 120 LB-FT (165 N·m)
Tire pressure ..... 35 psi (241 kPa)

**Depending on crop and moisture conditions.*

DRIVES

PTO speed ..... 540 rpm (r/min)
- optional conversion ..... 1000 rpm (r/min)

Pickup ..... belt and chain
Forming belts ..... two drives - chain
Gearbox output shaft ..... 730 rpm (r/min)

PICKUP

Width
- on flare ..... 58.27 IN (1480 mm)
- inside, panel to panel ..... 46.54 IN (1182 mm)
- tine to tine ..... 44.17 IN (1122 mm)

Number of bars 4
Number and type of tines ..... 36, double
Tine control ..... cam track
Windguard ..... standard

BALE WRAPPING MECHANISM

Type ..... twine
Number of twine balls 4
Type of twine ..... plastic or sisal

TRACTOR REQUIREMENTS

PTO speed ..... 540 rpm
Recommended PTO hp ..... 70 PTO hp minimum (52 kW minimum)
Hydraulics ..... dual remote
Electrical system ..... 12V DC

LUBRICATION SPECIFICATIONS

Roller Chains
- lubricant ..... clean engine oil

Gearbox
- quantity ..... 1.75 pints (.8 litres)
- lubricant ..... Case IH 135H EP Gear Lube

Wheel Bearings
- lubricant ..... Case IH 251H EP Lithium Grease

Grease Fittings
- lubricant ..... Case IH 251H EP Lithium Grease

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