

SERVICE MANUAL

StackCruiser® 102

StackCruiser® 103

StackCruiser® 105

Tier 4B (final)

Bale Wagon

Part number 48190534

1st edition English
September 2017





SERVICE MANUAL

StackCruiser® 102
StackCruiser® 103
StackCruiser® 105

Link Product / Engine

Product	Market Product	Engine
StackCruiser® 102 Self-Propelled Bale Wagon, TIER 4B (FINAL), two-tie, three-wide [YHG651501 -]	North America	F4HFE6138*B004
StackCruiser® 103 Self-Propelled Bale Wagon, TIER 4B (FINAL), three-tie, two-wide [YHG651501 -]	North America	F4HFE6138*B004
StackCruiser® 105 Self-propelled Balewagon, TIER 4B (FINAL). Handles large, rectangular bales only. [YHG651501 -]	North America	F4HFE6138*B004

Contents

INTRODUCTION

Engine	10
[10.001] Engine and crankcase	10.1
[10.103] Crankshaft and flywheel.....	10.2
[10.202] Air cleaners and lines	10.3
[10.206] Fuel filters	10.4
[10.216] Fuel tanks	10.5
[10.304] Engine lubrication system.....	10.6
[10.310] Aftercooler.....	10.7
[10.400] Engine cooling system	10.8
[10.414] Fan and drive	10.9
[10.419] Stationary air screen	10.10
[10.500] Selective Catalytic Reduction (SCR) exhaust treatment.....	10.11
Power coupling	19
[19.100] Drive shaft.....	19.1
Transmission	21
[21.109] Transmission cooler and lines.....	21.1
[21.114] Mechanical transmission	21.2
[21.130] Mechanical transmission external controls.....	21.3
Front axle system	25
[25.400] Non-powered front axle	25.1
Rear axle system	27
[27.100] Powered rear axle.....	27.1
[27.106] Rear bevel gear set and differential	27.2
Brakes and controls	33
[33.110] Parking brake or parking lock	33.1

[33.120] Mechanical service brakes	33.2
[33.202] Hydraulic service brakes	33.3
Hydraulic systems.....	35
[35.000] Hydraulic systems.....	35.1
[35.102] Pump control valves.....	35.2
[35.104] Fixed displacement pump.....	35.3
[35.106] Variable displacement pump	35.4
[35.300] Reservoir, cooler, and filters.....	35.5
[35.359] Main control valve.....	35.6
[35.820] Hydraulic driven cooling fans	35.7
[35.913] Bale loading hydraulic system	35.8
[35.914] Bale storing and handling hydraulic system.....	35.9
[35.915] Bale unloading hydraulic system.....	35.10
Frames and ballasting	39
[39.100] Frame	39.1
[39.140] Ballasts and supports	39.2
Steering.....	41
[41.101] Steering control	41.1
[41.106] Tie rods.....	41.2
[41.200] Hydraulic control components.....	41.3
Wheels	44
[44.511] Front wheels.....	44.1
[44.520] Rear wheels.....	44.2
Cab climate control	50
[50.100] Heating.....	50.1
[50.104] Ventilation	50.2
[50.200] Air conditioning	50.3
Electrical systems.....	55

It's a preview. You can download the full file by clicking the link below.

<https://shopservicemanual.com/>

Service Manuals from 2\$