



JMC RECYCLING SYSTEMS

For all your metal recycling needs

THE ORCA CAR BALER S4800 / S5250



The Orca Car & Multi-Purpose Baler built with 12mm Hardox wear plates giving the bale box extra support and length of life.

Bale up to 30 cars per hour and even bale small trucks! The Orca crushes the competition, is incredibly easy to operate and user friendly.

Custom built machines to suit your needs!



JMC Recycling Systems Ltd

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OPTIONAL EXTRAS



Standard joystick control for baler



Remote joystick control for baler



Control cabin



Bale output door

- Wide view operators cabin
- Loading crane with 6.7m reach
- Non-Continuous 270 degree rotation
- Complete with 300lt grab with Hydraulic rotator
- Manipulators with Servcontrols for Crane Stabilisers
- Centralised hand-operated greasing system
- Centralised electric automatic greasing system
- Remote Control (Only available on machines without Crane)
- The Orca Baler is available with either electric or diesel motors.

PLEASE NOTE: Certain extras only available on new Orca machines - Re-conditioned machines and extras will vary.

Technical Data - S4800 and S5250

Dimensions

Total Length - 6980mm (7430mm)
Box Length - 4800mm (5250mm)
Total Width by Transport Stage - 2500mm (2500mm)
Max Height with CRANE - 2700mm (2700mm)
Max Height with CRANE by transport stage - 4000mm (4000mm)
Weight BALER - 19000kg (20000kg)
Weight BALER with CABIN - 19300kg (20300kg)
Weight BALER with CRANE and CABIN - 21000kg (22000kg)

Construction Materials

Steel Structural Parts - ST-52/Weldox 700
Anti-wear Steel Box - Hardox 400/Hardox 500

General Description

Pushing Cylinder - Inlet o250 - Spinta 150Ton Max
Cover Cylinders - Inlet o200 (2+2) - Spinta 360Ton Max
Sequence for Automatic Cycle
-Pressing
-Cover Opening
-Reduction at the minimum of the engine revs number

Bale Dimensions and Production per hour

Width - 850mm
Height - 650mm
Length variable depending on the type of compacted material - 500mm
Average production per hour - 13-15T per hour (14-16T per hour)

Fuels and Lubricants

Fuel Tank - 70lt (70lt)
Hydraulic Oil Tank - 450lt (500lt)
Hydraulic Oil Circuit - 720lt (770lt)
Engine Oil - 16lt (16lt)

Engine

Type 4-stroke diesel, airless injection, turbocharged
Number of Cylinders - 6
Max Power - kW89(HP 121)
Displacement - lt6,472
Cooling - Airblast
Fuel Consumption to 1800rpm - gr/kW-h 228
Acoustic Level - LW:db [A] 101

Electrical System

Power Supply - V24
Alternator - a35/V28
Starting Motor - kW4/V24
Batteries - 2xA100/V12

Hydraulic Plant

Main System for BALER
No1 Axial Pistons-variable delivery pump
Max Flow - 1/min 210
Max Working Pressure - 300bar
No1 With Electric Converter air/oil
System for CRANE
No1 High Pressure Gear Pump
Max Flow - 1/min 65
Max Pressure - 180bar
No1 Gear Pump for Servocontrols
Max Flow - 1/min 15
Max Pressure - 30bar



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