

Specification Sheet

SPORT Gen V Side Loader

Series SPORT Gen V Side Loader
Single Person Operated Refuse Truck
18m³ and 22m³

Sheet: 1 of 2
Date: September 2009

Subject Technical Information & Data



Capacity	
Body Capacity (incl. door)	18m ³
Body length (incl. hopper)	5888mm
Payload capacity*	Approx. 5000 ~ 6000 kg
Hopper capacity	1.3m ³
Body width	2440mm
Slide extension	1800mm
Bin lifter reach	2400 ~ 2600mm

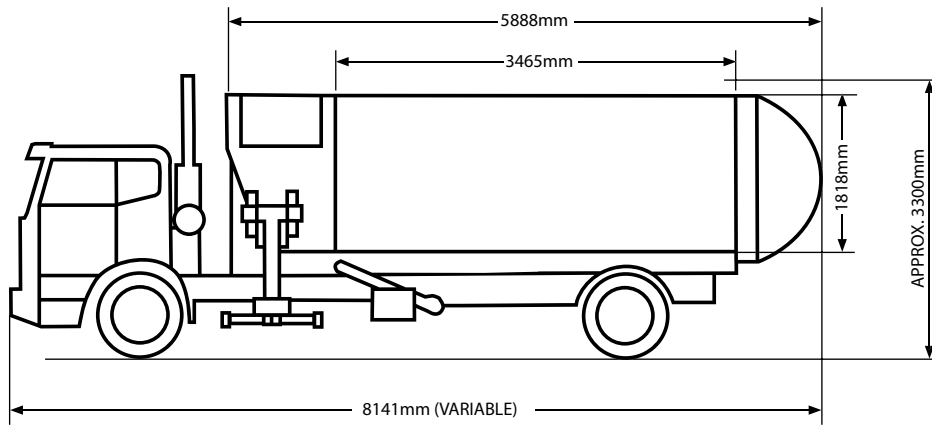
General Data	
Chassis requirement	4 x 2 - 15000 kg GVM
Wheelbase	Approx. 4400mm
Body tipping angle	35° ~ 42°
Body - fully raised height	Approx. 5900mm
Door opening angle	115°
Paddle cycle time @ 900rpm	10 seconds
Pump flow rates @ 1000rpm	74 Lt/min
Lifter cycle times	6 ~ 10 seconds
Suitable bin type	80 ~ 240 litre

Capacity	
Body capacity (incl. door)	22m ³
Body length (incl. hopper)	6973mm
Payload capacity	Approx. 10000 ~ 11000 kg
Hopper capacity	1.3m ³
Body width	2440mm
Slide extension	1800mm
Bin lifter reach	2400 ~ 2600mm

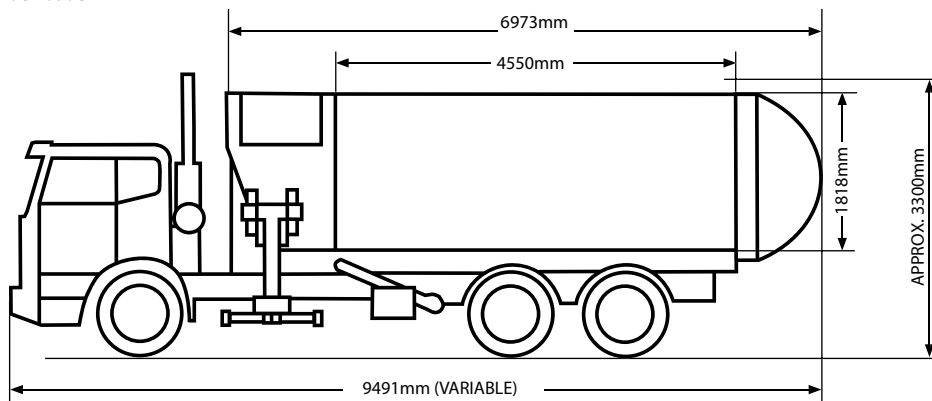
General Data	
Chassis requirement	6 x 4 - 22500 kg GVM
Wheelbase	Approx. 5000mm
Body tipping angle	35° ~ 42°
Body - fully raised height	Approx. 6400mm
Door opening angle	115°
Paddle cycle time @ 900rpm	10 seconds
Pump flow rates @ 100rpm	74 Lt/min
Lifter cycle times	6 ~ 10 seconds
Suitable bin type	80 ~ 240 litre

*Subject to loading conditions, waste type & cab chassis selection

Technical Specification



18m³ Side Loader



22m³ Side Loader

Base Specification

Standard Features

Single side & floor sheets manufactured from 3.2mm Hardox 400 material
 Roof manufactured from Hardox 400 material & GR 350 steel
 Hopper floor & bowl constructed from 8mm Cruesabro 8000 material
 Twin hydraulic safety check valve & automatic tailgate lock
 Centralised, low level, six point paddle lube system
 Twin, load sensing, high capacity, piston type hydraulic pumps
 2600mm reach
 125 kg lift capacity
 Bin sizes covered - 80, 120, 140 & 240 litre MGBs
 Bin lifter spill flap
 Full chassis mounting subframe
 CAN BUS diagnostic control system
 Four button control handle
 Bin counter
 Hour meter
 Auto arm retract & park
 Automatic paddle shut-off

In-cab warning system
 Body up
 Low oil level
 High oil temperature
 Tailgate open
 Paddle shut down
 Slide out
 Binlifter raised
 Emergency stop activated
 Two (2) amber flashing beacon lights, with guards, mounted to the top front & rear of body
 Work lights to hopper & binlift areas
 High & low mounted LED tail lights with guards
 Hopper access ladder with safety isolation switch & hopper fall restraint anchor point
 Broom & shovel holder
 Tailgate & body safety props
 Offset mudguard boom
 Two (2) rear search lamps
 Painted one colour in Dulux Acran or equivalent

Options & Accessories

Greenwaste body
 Automatic greasing system
 Under run bumper
 Bin shaker - Automatic & button operated
 Hella LED tail lights
 Control handle - Palmtop
 Control handle - Broomstick
 Engine advance on/off switch
 Fire extinguisher - 4.5 kg
 Garbage/Recycle switch
 Wind deflector
 Body weighing system
 MGB lid carry box
 Remote control
 Semi automatic binlifter
 Spray suppressant
 Strobe type lights
 Twin rear beacons & guards
 Tool box - 600mm (W) x 400mm (H) x 500mm (D)
 Tow hook - Rear LH side mounted
 CCTV colour LCD screen (up to 4 cameras)
 Molded 22 litre handwash facility with soap dispenser

Specification Sheet

SPORT Gen V Side Loader

Series SPORT Gen V Side Loader
Single Person Operated Refuse Truck
14m³

Sheet: 1 of 2
Date: September 2009

Subject Technical Information & Data



Capacity		General Data	
Body Capacity (incl. door)	14m ³	Chassis requirement	4 x 2 - 12000 ~ 15000 kg GVM
Body length (incl. hopper)	5103mm	Wheelbase	Approx. 4000mm
Payload capacity*	Approx. 4000 ~ 5000 kg	Body tipping angle	35° ~ 42°
Hopper capacity	1.3m ³	Body - fully raised height	Approx. 5400mm
Body width	2440mm	Door opening angle	115°
Slide extension	1800mm	Paddle cycle time @ 900rpm	10 seconds
Bin lifter reach	2400 ~ 2600mm	Pump flow rates @ 1000rpm	74 Lt/min
		Lifter cycle times	6 ~ 10 seconds
		Suitable bin type	80 ~ 240 litre

*Subject to loading conditions, waste type & cab chassis selection.

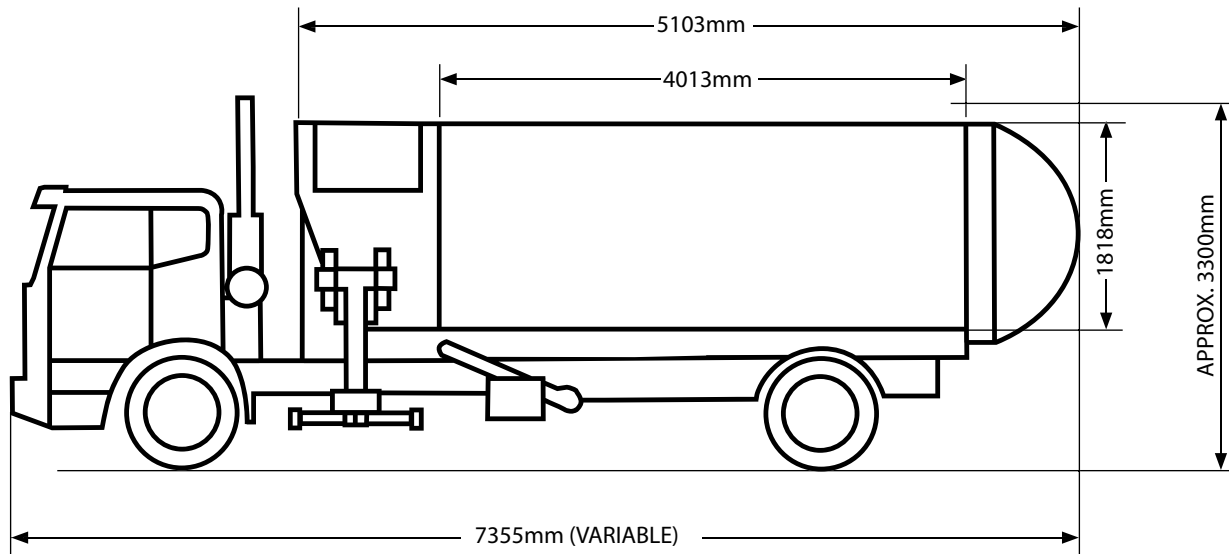


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Due to continuous product development MacDonald Johnson reserves the right to alter specifications without prior notice.



Technical Specification



14m³ Side Loader

Base Specification

Standard Features

Single side & floor sheets manufactured from 3.2mm Hardox 400 material
 Roof manufactured from Hardox 400 material & GR 350 steel
 Hopper floor & bowl constructed from 8mm Cruesabro 8000 material
 Twin hydraulic safety check valve & automatic tailgate lock
 Centralised, low level, six point paddle lube system
 Twin, load sensing, high capacity, piston type hydraulic pumps
 2600mm reach
 125 kg lift capacity
 Bin sizes covered - 80, 120, 140 & 240 litre MGBs
 Bin lifter spill flap
 Full chassis mounting subframe
 CAN BUS diagnostic control system
 Four button control handle
 Bin counter
 Hour meter
 Auto arm retract & park
 Automatic paddle shut-off

In-cab warning system
 Body up
 Low oil level
 High oil temperature
 Tailgate open
 Paddle shut down
 Slide out
 Binlifter raised
 Emergency stop activated
 Two (2) amber flashing beacon lights, with guards, mounted to the top front & rear of body
 Work lights to hopper & binlift areas
 High & low mounted LED tail lights with guards
 Hopper access ladder with safety isolation switch & hopper fall restraint anchor point
 Broom & shovel holder
 Tailgate & body safety props
 Offset mudguard boom
 Two (2) rear search lamps
 Painted one colour in Dulux Acran or equivalent

Options & Accessories

Greenwaste body
 Automatic greasing system
 Under run bumper
 Bin shaker - Automatic & button operated
 Hella LED tail lights
 Control handle - Palmtop
 Control handle - Broomstick
 Engine advance on/off switch
 Fire extinguisher - 4.5 kg
 Garbage/Recycle switch
 Wind deflector
 Body weighing system
 MGB lid carry box
 Remote control
 Semi automatic binlifter
 Spray suppressant
 Strobe type lights
 Twin rear beacons & guards
 Tool box - 600mm (W) x 400mm (H) x 500mm (D)
 Tow hook - Rear LH side mounted
 CCTV colour LCD screen (up to 4 cameras)
 Molded 22 litre handwash facility with soap dispenser

Specification Sheet

SPORT Gen V Side Loader
Recycling (Commingled)

Series SPORT Gen V Side Loader
Single Person Operated Refuse Truck
25m³ and 29m³

Sheet: 1 of 2
Date: September 2009

Subject Technical Information & Data



Capacity	
Body capacity (incl. door)	25m ³
Body length (incl. hopper)	6775mm
Payload capacity*	4 x 2 - Approx. 3500 ~ 4500 kg
Hopper capacity	1.3m ³
Body width	2440mm
Slide extension	1800mm
Bin lifter reach	2440 ~ 2600mm

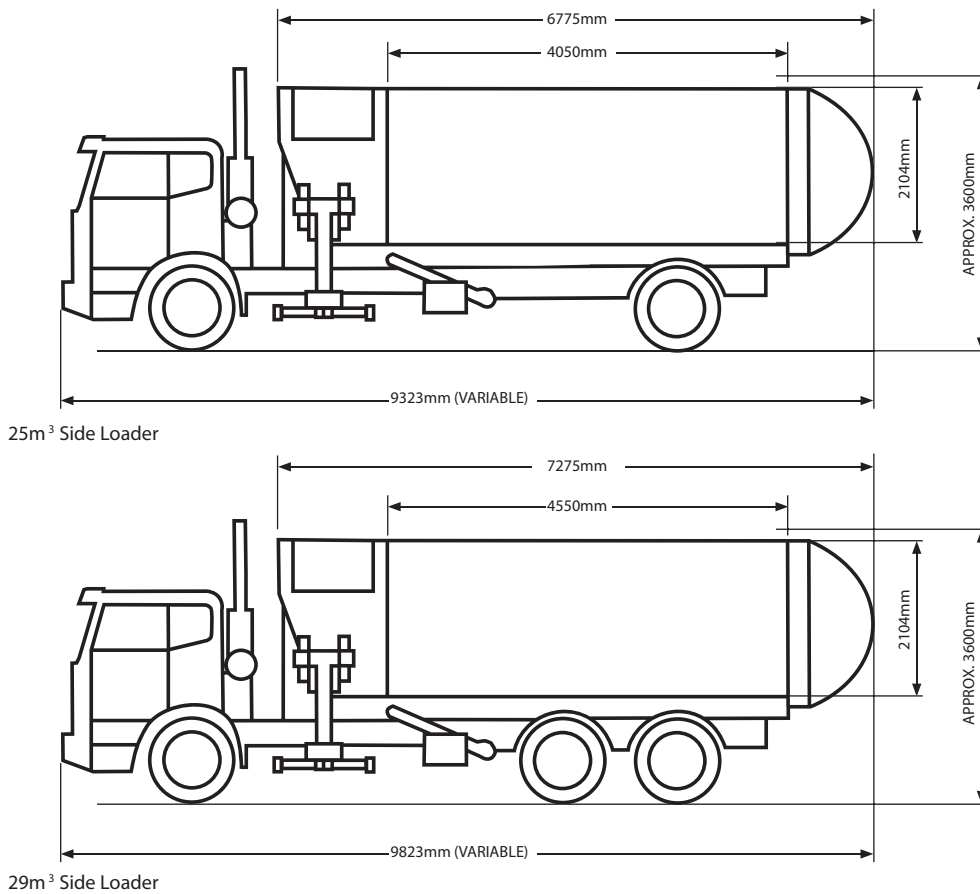
General Data	
Chassis requirement	4 x 2 - 15000 kg GVM
Wheelbase	Approx. 5000mm
Body tipping angle	35° ~ 42°
Body - fully raised height	Approx. 5900mm
Door opening angle	115°
Paddle cycle time @ 900rpm	10 seconds
Pump flow rates @ 1000rpm	74 Lt/min
Lifter cycle times	8 ~ 12 seconds
Suitable bin type	80 ~ 240 litres

Capacity	
Body capacity (incl. door)	29m ³
Body length (incl. hopper)	7275mm
Payload capacity*	6 x 4 - Approx. 9000 ~ 11000 kg
Hopper capacity	1.3m ³
Body width	2440mm
Slide extension	1800mm
Bin lifter reach	2400 ~ 2600mm

General Data	
Chassis requirement	6 x 4 - 22500 kg GVM
Wheelbase	Approx. 5200mm
Body tipping angle	35° ~ 42°
Body - fully raised height	Approx. 6400mm
Door opening angle	115°
Paddle cycle time @ 900rpm	10 seconds
Pump flow rates @ 1000rpm	74 Lt/min
Lifter cycle times	8 ~ 12 seconds
Suitable bin type	80 ~ 240 litres

*Subject to loading conditions, waste type & cab chassis selection

Technical Specification



Base Specification

Standard Features

- Single side & floor sheets manufactured from 3.2mm Hardox 400 material
- Roof manufactured from Hardox 400 material & GR 350 steel
- Hopper floor & bowl constructed from 8mm Cruesabro 8000 material
- Twin hydraulic safety check valve & automatic tailgate lock
- Centralised, low level, six point paddle lube system
- Twin, load sensing, high capacity, piston type hydraulic pumps
- 2600mm reach
- 125 kg lift capacity
- Bin sizes covered - 80, 120, 140 & 240 litre MGBs
- Bin lifter spill flap
- Full chassis mounting subframe
- CAN BUS diagnostic control system
- Four button control handle
- Bin counter
- Hour meter
- Auto arm retract & park
- Automatic paddle shut-off
- Painted one colour in Dulux Acran or equivalent
- Two (2) rear search lamps

In-cab warning system

- Body up
- Low oil level
- High oil temperature
- Tailgate open
- Paddle shut down
- Slide out
- Binlifter raised
- Emergency stop activated
- Two (2) amber flashing beacon lights, with guards, mounted to the top front & rear of body
- Work lights to hopper & binlift areas
- High & low mounted LED tail lights with guards
- Hopper access ladder with safety isolation switch & hopper fall restraint anchor point
- Broom & shovel holder
- Tailgate & body safety props
- Offset mudguard boom

Options & Accessories

- Greenwaste body
- Automatic greasing system
- Under run bumper
- Bin shaker - Automatic & button operated
- Hella LED tail lights
- Control handle - Palmtop
- Control handle - Broomstick
- Engine advance on/off switch
- Fire extinguisher - 4.5 kg
- Garbage/Recycle switch
- Wind deflector
- Body weighing system
- MGB lid carry box
- Remote control
- Semi automatic binlifter
- Spray suppressant
- Strobe type lights
- Twin rear beacons & guards
- Tool box - 600mm (W) x 400mm (H) x 500mm (D)
- Tow hook - Rear LH side mounted
- CCTV colour LCD screen (up to 4 cameras)
- Molded 22 litre handwash facility with soap dispenser
- Aluminium tailgate
- Double Paddle