Farm Machinery for New Zealand.

SCIMITAR SPREADER 6000

OPERATING & MAINTENANCE

MANUAL



SCIMITAR®

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01 INTRODUCTION AND CONTENTS

This manual covers the safe connection, operation, maintenance and parts identification of the Scimitar 6000 6tonne trailed spreader. Read it in full before connecting or using the machine, and use it alongside the manual supplied with your spreader controller.

Scimitar Equipment manufactures this spreader. For parts, service assistance or questions about your machine, contact our Masterton team using the details below.

Before you begin

- Make sure everyone who operates, transports, services or stores the spreader understands this manual. This includes anyone borrowing or hiring the machine.
- Follow the towing vehicle manual, the controller manual and the instructions supplied with the material being spread.
- Observe the machine's operating limits and carry out the routine inspections described in this manual.

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Contact Scimitar

315 Ngaumutawa Rd, Solway, Masterton
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02 SAFETY AND OPERATING LIMITS

WARNING The spreader changes the stability, handling and braking of the towing vehicle. Failure to allow for this can cause serious injury or death. Ground may be slippery, and grass or other vegetation may conceal uneven terrain.

Loading and towing

- Never exceed the towing vehicle manufacturer's recommended load or towing limits. Fill only to a level that keeps the combined load within those limits.
- A full hopper or additional equipment may exceed the towing vehicle's capacity and reduce stability. Distribute the load evenly and secure it correctly.
- Reduce speed when towing or carrying a load. Allow more stopping distance and drive cautiously on slopes, slippery ground and uneven terrain.
- Connect and disconnect the spreader on level ground.
- Never allow anyone to ride on the spreader.
- Follow the towing vehicle owner's manual for towing and carrying loads.

Travel speed

The source manual specifies a maximum spreader towing speed of 30 km/h. Use this as the operating limit. The stated tyre rating of 40 km/h is not permission to tow the spreader at that speed. Reduce speed further whenever conditions require it.

Tyres and maintenance

Maintain the specified tyre pressures of 40PSI and carry out the inspections and servicing in this manual. Keep the equipment in sound condition before use.

Material handling

Before applying any fertiliser or other agricultural material, read the manufacturer or supplier label and follow its handling, application and personal protective equipment instructions. Follow applicable requirements for the product being used. Do not spread material that could harm people, animals or property.

03 MOVING PARTS AND HYDRAULIC SAFETY

Spinner discs

DANGER Keep people and animals clear before engaging the tractor hydraulics. The spinner discs rotate whenever the hydraulics are engaged. Stay at least 15 metres from rotating discs. Contact with the spinners can cause serious injury or death.

Belt gate and actuator

- The spreader belt can start whenever the hydraulics are engaged and the controller commands it. Keep clear of both the front and rear belt assemblies.
- Keep hands and fingers clear of moving parts.
- Do not operate the spreader while stationary. The spinners can still present a hazard.

Before working on the spreader

Disconnect electrical power and stop and isolate the hydraulic flow before working on or around the spreader. Allow moving parts to stop and release hydraulic pressure before disconnecting hoses or servicing hydraulic components.

Hydraulic pressure

Hydraulic oil may be under pressures of up to 200 bar (3,000 psi). Never use fingers to check for leaks. Arrange repair of leaking equipment before continued use.

- Keep couplers clean when connecting or disconnecting hoses to prevent contamination.
- When the spreader is idle, store hoses on the hooks provided and fit the protective connector caps.
- Engage the hydraulics with the tractor engine at low revs to reduce pressure spikes and possible damage.

- The operator mustn’t leave the tractor seat until the spreader is shut down, all moving parts are stopped. While the spreader is in use, the operator mustn’t allow anyone to be within 15m of the spreader.

04 SPECIFICATIONS AND OPTIONS

Specifications below are retained from the supplied source manual for the 6 tonne model. Confirm the fitted equipment and applicable capacity for your machine before use.

Specification	Scimitar 6000
Net Weight (approximate)	2,000 kg
Cubic Capacity (including extension boards)	5.2m³
Load Capacity - Superphosphate	6.2 tonnes
Load Capacity - Urea	4.4 tonnes
Load Capacity - Lime	8.0 tonnes
Standard Wheel Size	400/60-15.5
Hopper length	3.5m
Hopper width	1.92m
Loading height (approximate)	2.5m
Total length	5.85m
Overall width – tyre size 400/60 x 15.5	2.58m
Spreading belt width	800mm
Minimum Hydraulic Requirements	50 L/min @ 135 bar (2,000 p.s.i.) at the port on the rear of the tractor

Specifications may change without notice. Material capacities do not override the towing vehicle's limits.

Optional equipment

- Roll-over cover
- Central greasing
- LED lights
- Hydraulic Brakes -Front Axle
- JWE V3+ Control system with spinner control for doing down boundaries or around obstacles in the paddock.

Contact Scimitar to confirm availability and suitability.

05 CONNECTION AND SETUP

Hydraulic supply

The 6 tonne spreader requires at least 50 L/min at 135 bar (2,000 psi) at the trailer coupling. The hydraulic return must discharge directly into the tractor hydraulic tank. The source manual recommends 60 L/min at 135 bar for high application rates.

Coupler colour	Connection
Yellow	Pressure supply
Black	Tank return

Connection checklist

- Connect on level ground and check that the spreader sits level. Adjust the tractor drawbar height as required.
- Check that the hydraulic hoses are long enough for turning without stretching. Clean the quick couplers before connection.
- Connect the spreader control box directly to tractor using the supplied cables and D - plug.
- Connect the safety chain to the tractor before moving.
- Check that the area behind the spreader is clear before engaging the hydraulics. Engage at low engine revs.

06 CHECKS AND FACTORY SETTINGS

Fastener torque

Fastener	Tightening torque
M18 wheel nuts	290 Nm
M12 chassis nuts and bolts	75 Nm
M16 chassis nuts and bolts	180 Nm
M20 chassis nuts and bolts	370 Nm

Tyre pressure

Tyre size	Operating pressure
400/60 x 15.5	270 kPa (40 psi)

Lubrication

The source design has no grease points. Major moving parts use replaceable self-lubricating bearings designed to run without grease. Other moving parts were greased during assembly. Confirm that your machine has the same arrangement before applying this instruction.

Factory settings

Spinner speed is factory set to 850 rpm. Do not change this setting. Pressure-reducing valves protect the torque applied to the belt gearbox and spinner motors.

Do not adjust any valve on the valve block without Scimitar authorisation. Contact Scimitar to arrange authorised service support.

Hose storage

Keep hydraulic couplers clean. When disconnected, cap the connectors and store the hoses on the hooks provided.

07 OPERATION AND MAINTENANCE

Using the spreader

The spreader is designed for dry, granulated fertiliser on agricultural land. The operator is responsible for selecting suitable materials, using the machine safely and carrying out routine checks. Follow the supplied controller manual for application rates, calibration, starting and stopping, and any smart-stop functions.

The source controller setup allows belt operation at travel speeds of 4 km/h and above. Confirm the settings and functions of the controller fitted to your machine.

Before each use

- Walk around the spreader and check for loose, damaged or misplaced components.
- Check the towing connection, safety chain, tyres, hoses and electrical connections.
- Make sure people and animals are clear of the spinner area.

After each use

- Walk around the spreader and check for anything loose or out of place.
- Wash the spreader, taking care to protect the switchbox, cables and connectors.

Routine checks

- Check belt condition and adjust tension when required.
- Check nuts and bolts for tightness.
- Check for gearbox and hydraulic oil leaks.

Annually or at the end of the season

- Clean the spreader thoroughly.
- Inspect walking-beam, belt-shaft and spinner bearings and bushes for wear. Arrange replacement where needed.
- Inspect the towing eye and replace it if worn.
- Check the belt for tears and wear. Contact Scimitar to arrange repairs or replacement.

08 BELT ADJUSTMENT AND GEARBOX SERVICING

Before servicing, disconnect electrical power, isolate hydraulic flow and allow all moving parts to stop.

Belt adjustment

The belt is driven by chains over sprockets, so precise belt tension is not critical. Adjust the front sprocket assembly when the belt sags more than 50 mm below the bottom chassis rail.

1. Loosen the bearing-housing retaining bolts on both sides. Tapping plates sit behind the bearings, allowing access with a socket from outside. The source manual gives conflicting bolt counts; confirm the fitted arrangement before loosening fasteners.
2. Loosen the locknuts on both adjusters.
3. Turn both adjusting rods by the same number of flats. Make small adjustments, as a small change can significantly alter belt sag.
4. Set the belt level with, or slightly below, the bottom chassis rail.
5. Measure from each bearing housing to the front of the chassis. The distances must match. Make small corrections if required.
6. Tighten both adjuster locknuts and all bearing-housing retaining bolts.



Original bearing housing and belt adjuster reference photograph.

Gearbox oil

The gearbox takes 4 litres of EP90 gear oil. Oil should only need topping up if a leak develops. A leak requires gearbox removal and replacement of the affected seals or bearings. Contact Scimitar to arrange suitable specialist service.

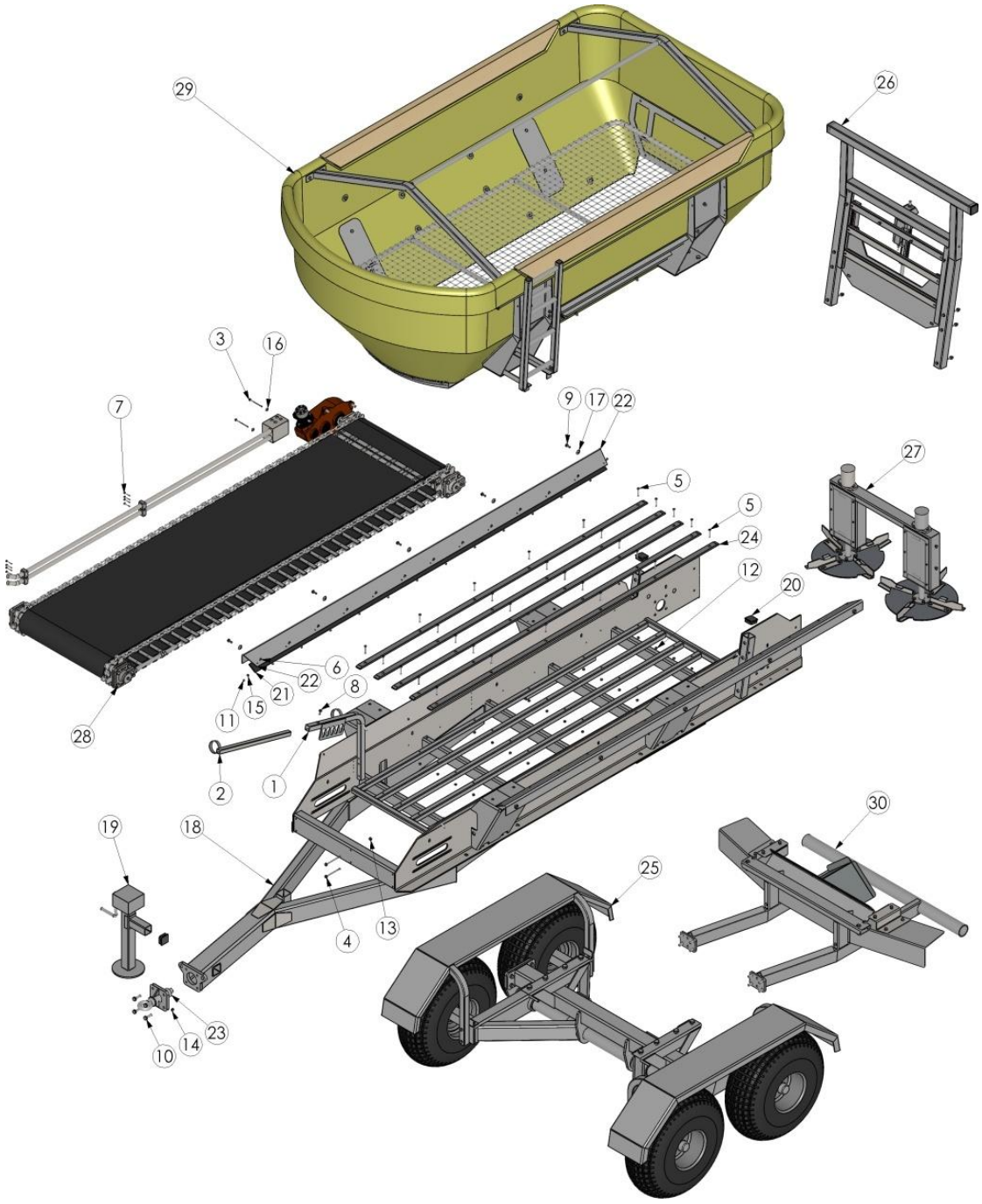
09 TROUBLESHOOTING

Question or symptom	Possible cause	Action
What hydraulic oil flow is required?		A minimum of 50 L/min @ 135 bar (2,000 p.s.i.) at the trailer coupling however Scimitar recommends a flow of 60 L/min @ 135 bar (2,000 p.s.i.) at the trailer coupling in order to spread at high rates
What RPM should the spinners spin at?		The spinners are factory set to spin at 850RPM. This factory setting MUST NOT be adjusted except by Scimitar or by a person authorised by Scimitar
What are the maximum application rates for various fertiliser products?		Consult the manual supplied with your spreader controller
Spinners are spinning but the belt will not operate	Tractor is stationary or below the speed threshold	Begin moving and the belt should begin to operate at speeds of 4km/h and above
Spinners are spinning but the belt will not operate	Damaged cable or poor connection	Visually inspect the cables between the switchbox and the electro-hydraulic valve on the spreader
Spinners are spinning but the belt will not operate	Spinner tacho is not working or is not connected	Is the console displaying a speed reading from the spinners? Visually check the cable connections or contact Scimitar
Spinners are spinning but the belt will not operate	Operator has not pressed the start button	Press the start button on your controller. Please ensure that you read and familiarize yourself with the controller operation before proceeding.

Isolate electrical power and hydraulic flow before inspecting components near moving parts. Use the controller manual for controller-specific functions. Contact Scimitar if the fault remains unresolved.

10 MAIN FRAME AND COMPLETE ASSEMBLY

Exploded view | Match diagram item numbers to the parts list on the following page or pages.



Original engineering illustration retained. Colours shown in the drawing identify the source components and do not specify the current machine finish.

Main frame and complete assembly parts

Quote the machine model, serial number, part number and quantity when ordering. Original part numbers and item references have been retained.

Item	Qty	Part number	Description
1	1	1458-1400	Cable Carrier-Base-Goldline Trailed-GL
2	1	1458-1410	Cable Carrier-Extension Arm-Goldline Trailed-GL
3	2	2810-0811	Fastener-Bolt&Nut-Hex-304 Grade-M8x110-Stainless
4	2	2810-1013	Fastener-Bolt&Nut-Hex-304 Grade-M10x130-Stainless
5	30	3000-0860	Fastener-Cap Head-CSK-Allen-Screw-M8x60-Stainless
6	26	3075-0616	Fastener-Set-Screw-Hex-304 Grade-M6x16-Stainless
7	8	3075-0645	Fastener-Set-Screw-Hex-304 Grade-M6x45-Stainless
8	1	3075-1025	Fastener-Set-Screw-Hex-304 Grade-M10x25-Stainless
9	10	3075-1225	Fastener-Set-Screw-Hex-304 Grade-M12x25-Stainless
10	4	3075-1650	Fastener-Set-Screw-Hex-304 Grade-M16x50-Stainless
11	26	3130-0106	Fastener-Nut-Nyloc-M6-Stainless Steel
12	30	3130-0108	Fastener-Nut-Nyloc-M8-Stainless Steel
13	2	3130-0110	Fastener-Nut-Nyloc-M10-Stainless
14	1	3292-1030	Fastener-Set Screw-Hex-Metric Fine-8.8 Grade-M10x30-ZP
15	26	3310-2806	Fastener-Washer-Flat-M6x16x1.2-Grade 304-Stainless
16	2	3310-2809	Fastener-Washer-Flat-M8x22x1.5-Grade 316-Stainless

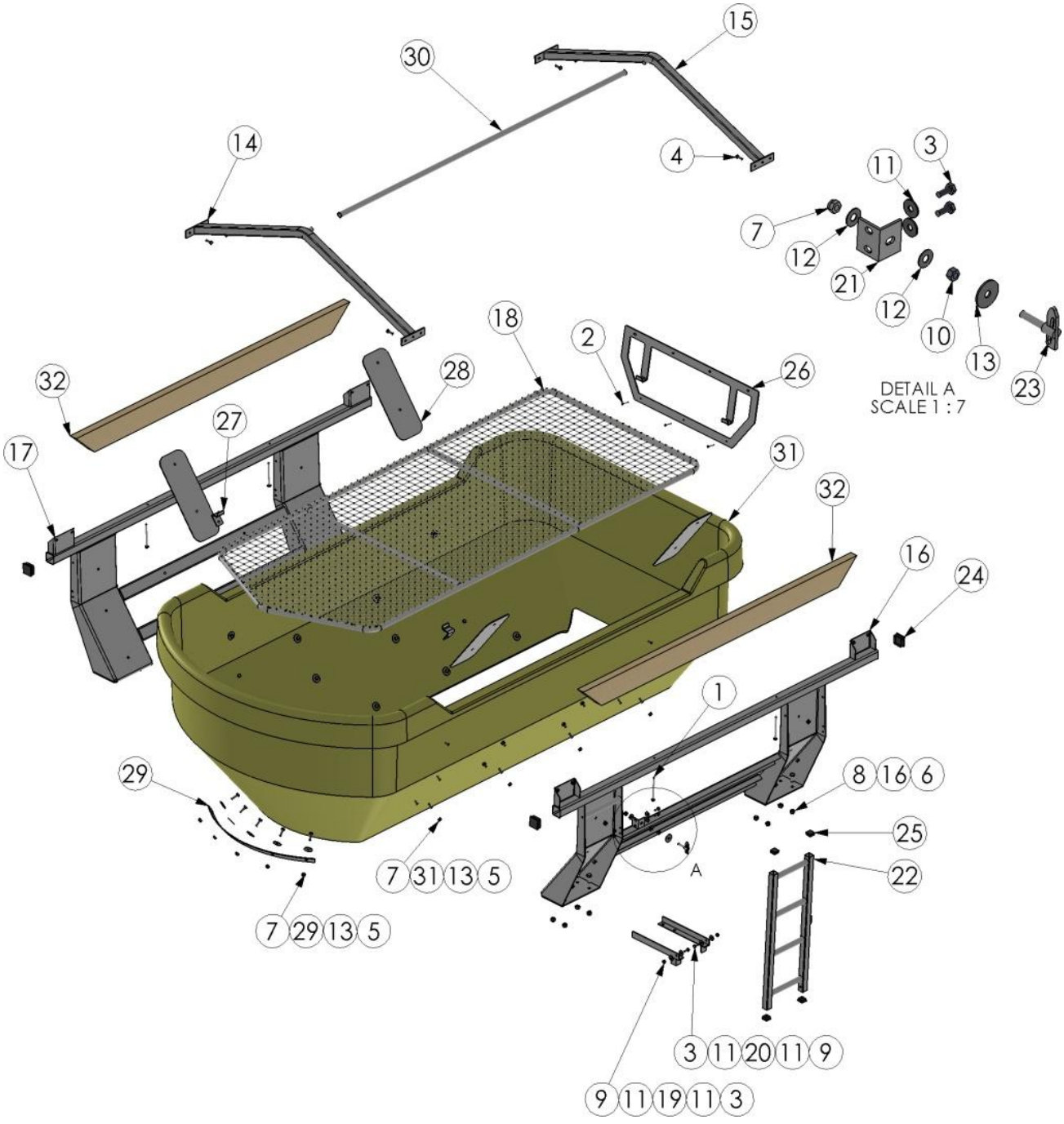
Main frame and complete assembly parts continued

Quote the machine model, serial number, part number and quantity when ordering. Original part numbers and item references have been retained.

Item	Qty	Part number	Description
17	10	3310-2812	Fastener-Washer-Flat-M12x32x1.5-Grade 304-Stainless
18	1	3500-6250	Frame-Trailed-Scimitar 6 tonne spreader-GL
19	1	5650-2000	Parking Jack - Scimitar 6 tonne spreader - ZS
20	3	6250-1260	Plug-Blanking-Internal-Square-60x60-Black Plastic
21	2	7680-4010	Rubber Strip-70x6-38 shore
22	2	7986-7010	Skirt - Side Asy - Scimitar 6 tonne spreader - SS
23	1	8800-3820	Tow Eye - Swivel Asy - Scimitar 6 tonne spreader - GL
24	5	9180-0500	Wear Strip-Spreader Belt-6 tonne spreader-UMWPHE
25	1	See diagram	Walking beam and axle - Scimitar 6 ton trailer
26	1	See diagram	Rear frame and gate - Scimitar 6 ton trailer
27	1	See diagram	Spinner - Scimitar 6 ton trailer
28	1	See diagram	Drive System - Scimitar 6 ton trailer
29	1	See diagram	Hopper and Side frame - Scimitar 6 ton trailer
30	1	See diagram	Shroud and pusher bar - Scimitar 6 ton trailer
31	1	See diagram	Hydraulic kit - Scimitar 6 ton trailer

11 HOPPER AND SIDE FRAME

Exploded view | Match diagram item numbers to the parts list on the following page or pages.



Original engineering illustration retained. Colours shown in the drawing identify the source components and do not specify the current machine finish.

Hopper and side frame parts

Quote the machine model, serial number, part number and quantity when ordering. Original part numbers and item references have been retained.

Item	Qty	Part number	Description
1	4	3003-1015	Fastener-Coach Screw-M10x150-GL
2	3	3075-0645	Fastener-Set-Screw-Hex-304 Grade-M6x45-Stainless
3	4	3075-1025	Fastener-Set-Screw-Hex-304 Grade-M10x25-Stainless
4	8	3075-1235	Fastener-Set-Screw-Hex-304 Grade-M12x35-Stainless
5	33	3075-1240	Fastener-Set-Screw-Hex-304 Grade-M12x40-Stainless
6	16	3075-1640	Fastener-Set-Screw-Hex-304 Grade-M16x40-Stainless
7	34	3130-0112	Fastener-Nut-Nyloc-M12-Stainless
8	16	3130-0116	Fastener-Nut-Nyloc-M16-Stainless
9	4	3170-0010	Fastener-Nut-Nyloc-M10-ZP
10	1	3192-0012	Fastener-Nut-Plain-M12-Stainless
11	6	3310-2810	Fastener-Washer-Flat-M10x32x2.5-Grade 316-Stainless
12	2	3310-2812	Fastener-Washer-Flat-M12x32x1.5-Grade 304-Stainless
13	26	3310-3012	Fastener-Washer-Flat-Fender-M12-Stainless
14	1	3500-4645	Frame-Hopper Cover Support-FRONT-Scimitar 6 tonne spreader-GL
15	1	3500-4646	Frame-Hopper Cover Support-REAR- Scimitar 6 tonne spreader-GL
16	1	3500-4650	Frame-Hopper LH Side Support-Scimitar 6 ton spreader-GL

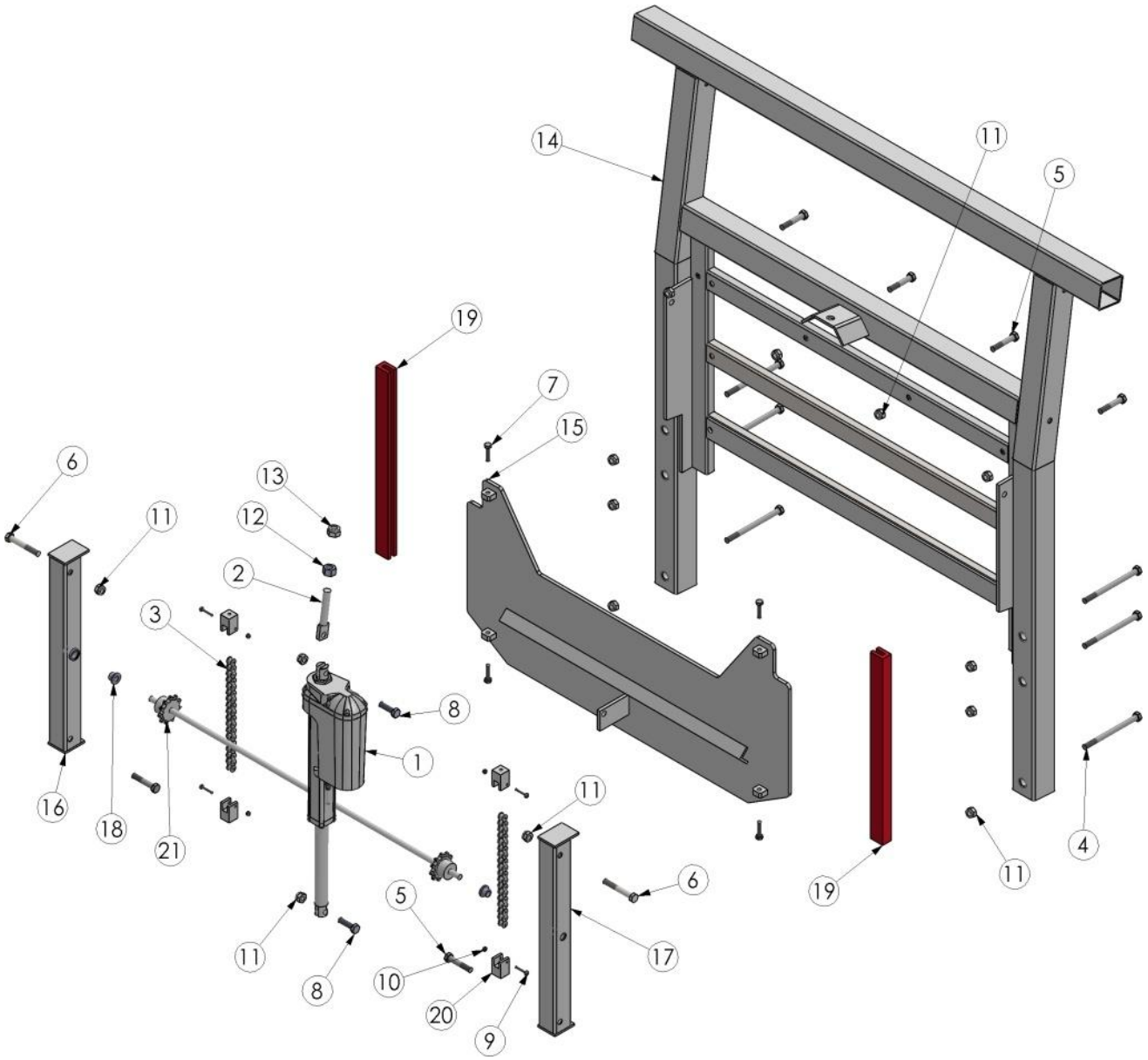
Hopper and side frame parts continued

Quote the machine model, serial number, part number and quantity when ordering. Original part numbers and item references have been retained.

Item	Qty	Part number	Description
17	1	3500-4651	Frame-Hopper RH Side Support-Scimitar 6 ton spreader-GL
18	1	4086-2000	Hopper Grating - Scimitar 6 tonne spreader - GL
19	1	4245-4500	Mount-Ladder-LH-Scimitar 6 ton spreader-GL
20	1	4245-4501	Mount-Ladder-RH-Scimitar 6 ton spreader-GL
21	1	4545-4505	Mount-Ladder-Latch-Scimitar 6 tonne spreader-GL
22	1	4620-2000	Ladder- Scimitar 6 ton spreader - GL
23	1	4680-0900	Latch-Anti Luce-M10 Female-72x20-ZP
24	4	6250-1260	Plug-Blanking-Internal-Square-60x60-Black Plastic
25	4	6250-8620	Plug-Tube End-Square-1 1/2"x1 1/2"-Black-Plastic
26	1	6500-3720	Profiled-Gate Backing Plate-Trailed Spreader-SS
27	2	6500-4100	Profiled-Hook-Spreader Grate-Trailed Spreader-SS
28	4	6500-5500	Profiled-Plate-Backing- Hopper-Trailed Spreader-SS
29	1	6500-7995	Profiled-Skirt Clamp-Front of Hopper-Trailed Spreader-MSBK
30	1	7290-4000	Ridge bar -Hopper cover - Scimitar 6 tonne spreader - GL
31	1	7500-2110	Rota-Hopper-Spreader-Scimitar 6 TON -Yellow-MDPE
32	2	8797-7000	Timber-Radiata-145x45x2240LG-H3-Dressed Dry

12 REAR FRAME AND GATE

Exploded view | Match diagram item numbers to the parts list on the following page or pages.



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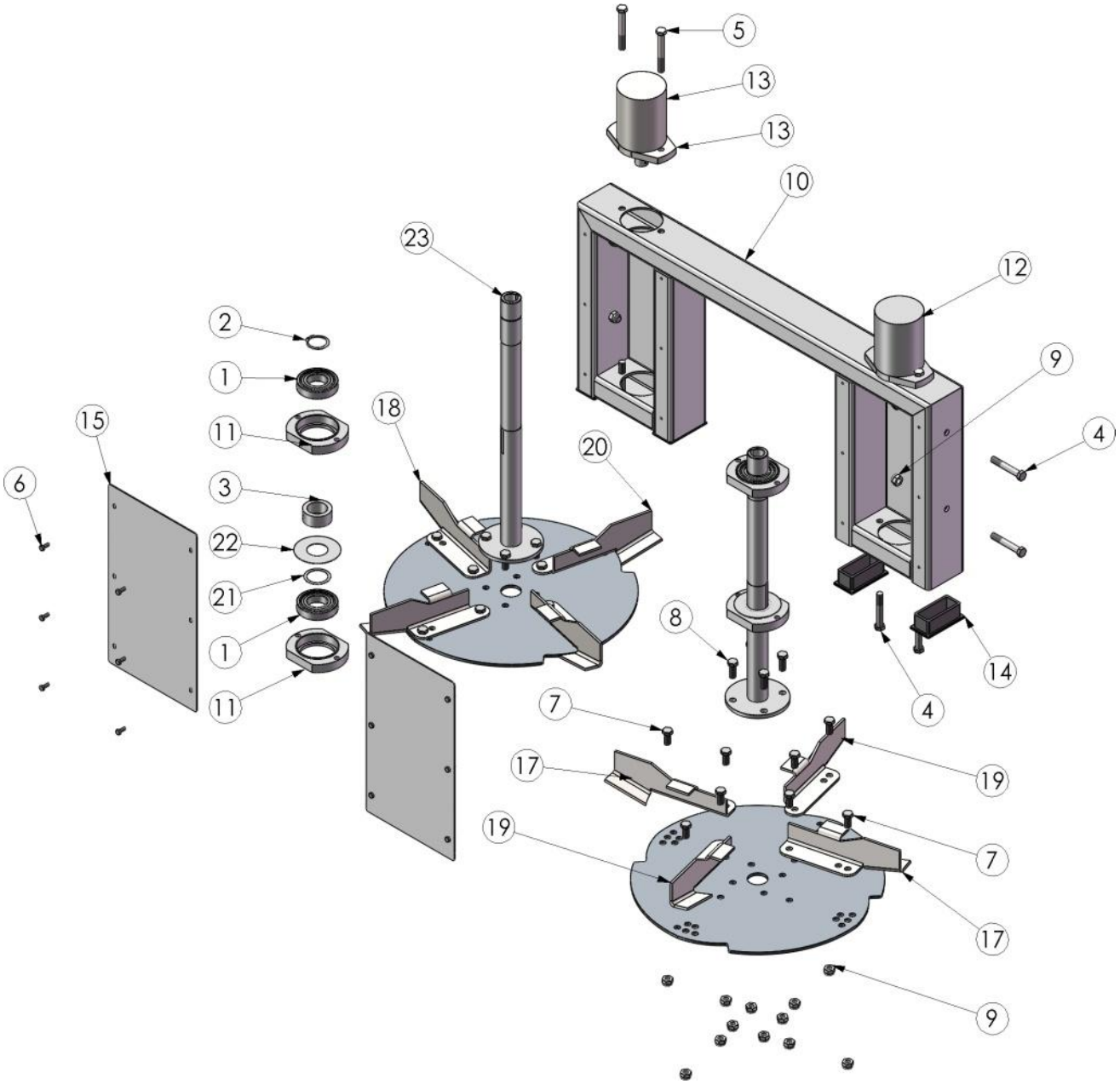
Rear frame and gate parts

Quote the machine model, serial number, part number and quantity when ordering. Original part numbers and item references have been retained.

Item	Qty	Part number	Description
1	1	DT490	Side Wind Jack
2	1	1018-1500	Actuator Adjuster - ASY - SS
3	2	1950-0045	Chain-Roller drive-5/8-Stainless Steel
4	6	2810-1215	Fastener-Bolt&Nut-Hex-304 Grade-M12x150-Stainless
5	6	2810-1260	Fastener-Bolt-Hex-304 Grade-M12x60-Stainless
6	2	2810-1280	Fastener-Bolt&Nut-Hex-304 Grade-M12x80-Stainless
7	4	3075-0835	Fastener-Set-Screw-Hex-304 Grade-M8x35-Stainless
8	2	3075-1240	Fastener-Set-Screw-Hex-304 Grade-M12x40-Stainless
9	4	3090-0530	Fastener-Machine-Screw-Pan-M5x30-Phillips-Stainless
10	4	3130-0105	Fastener-Nut-Nyloc-M5-Stainless
11	14	3130-0112	Fastener-Nut-Nyloc-M12-Stainless
12	1	3130-0116	Fastener-Nut-Plain-M16-Stainless
13	1	3130-0116	Fastener-Nut-Nyloc-M16-Stainless
14	1	3500-4620	Frame-Gate Support-Scimitar 6 tonne spreader-GL
15	1	3720-2000	Gate - Scimitar 6 tonne spreader - GL
16	1	3720-7500	Gate Retainer - LH - Scimitar 6 tonne spreader - GL
17	1	3720-7501	Gate Retainer - RH - Scimitar 6 tonne spreader - GL
18	2	5200-4072	Machined-Bush-Round-25 ODx15 Longx12 ID-Vesconite-HL
19	2	5200-5280	Machined-Housing-Gate Channel-Trailed Spreader-UHMWPE
20	4	5200-6375	Machined-Mount-Chain Tensioner-Gate-Trailed Spreader-SS
21	1	7920-3800	Shaft - Gate - 6 tonne Spreader - SS

13 SPINNER ASSEMBLY

Exploded view | Match diagram item numbers to the parts list on the following page or pages.



Original engineering illustration retained. Colours shown in the drawing identify the source components and do not specify the current machine finish.

Spinner assembly parts

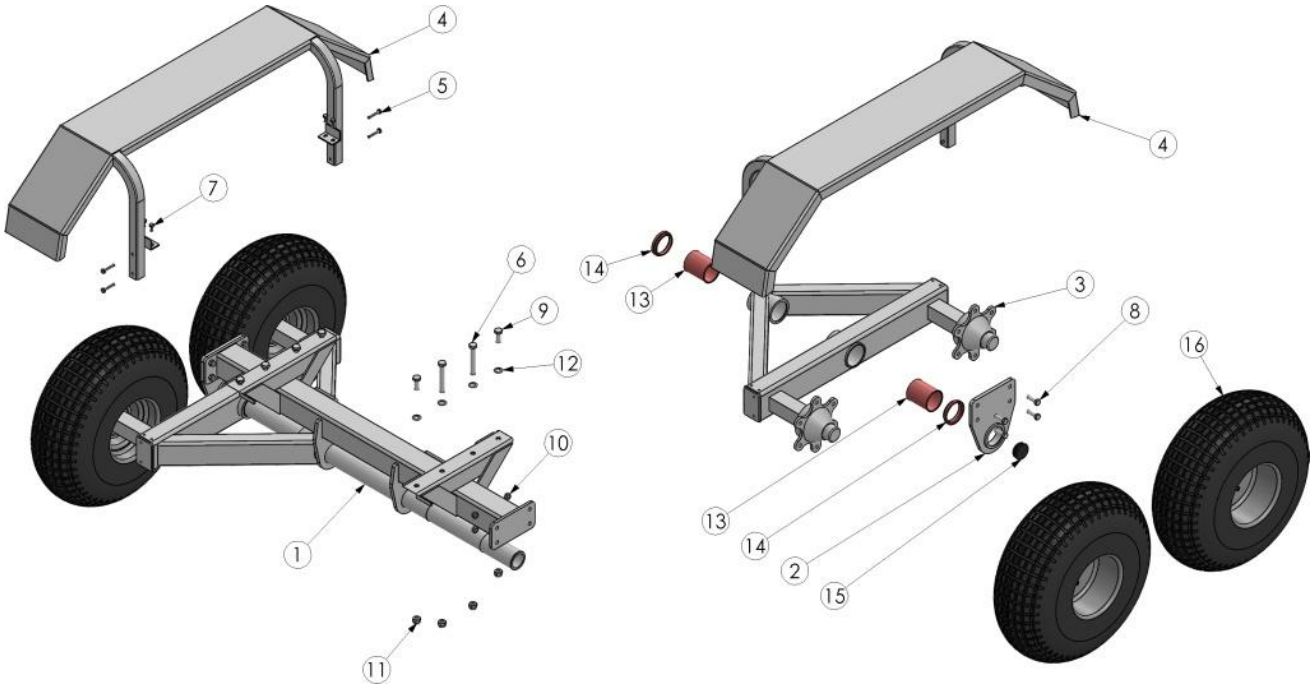
Quote the machine model, serial number, part number and quantity when ordering. Original part numbers and item references have been retained.

Item	Qty	Part number	Description
1	4	1140-1102	Bearing-Ball-6208-2RS
2	2	1980-0040	Circlip-External-40mm-Stainless T304
3	1	2150-0040	Shaft Collar - 40mm - ZP
4	8	2810-1275	Fastener-Bolt-Hex-304 Grade-M12x75-Stainless
5	4	2810-1290	Fastener-Bolt&Nut-Hex-304 Grade-M12x90-Stainless
6	24	3075-0616	Fastener-Set-Screw-Hex-304 Grade-M6x16-Stainless
7	16	3075-1225	Fastener-Set-Screw-Hex-304 Grade-M12x25-Stainless
8	8	3075-1230	Fastener-Set-Screw-Hex-304 Grade-M12x30-Stainless
9	28	3130-0112	Fastener-Nut-Nyloc-M12-Stainless
10	1	3500-5270	Frame - Spinner mounting - Scimitar 6 tonne spreader - GL
11	4	5200-6370	Machined-Mount-Spinner Bearing-Trailed Spreader-MSBK
12	1	5238-1033	Motor-Hydraulic-36cc-Zinc Sprayed
13	1	5238-1036	Motor-Hydraulic-36cc-With Tacho-Zinc Sprayed
14	4	6250-1050	Plug-Blanking-Internal-Rectangle-100x50-Black Plastic
15	4	6500-1830	Profiled-Cover-Spinner Bearing Frame-Trailed Spreader-GL
14	2	6500-2620	Profiled-Disc-Spinner-Trailed Spreader-SS
17	2	6500-8900	Profiled-Vane-Spinner-Short-LH-Trailed Spreader-SS
18	2	6500-8901	Profiled-Vane-Spinner-Short-RH-Trailed Spreader-SS
19	2	6500-8910	Profiled-Vane-Spinner-Long-LH-Trailed Spreader-SS
20	2	6500-8911	Profiled-Vane-Spinner-Long-RH-Trailed Spreader-SS
21	2	6500-9053	Profiled-Washer-52OD-41ID-1.2mm-SS
22	2	6500-9055	Profiled-Washer-91OD-41ID-1.2mm-SS
23	2	8200-5150	Spinner - Mount - Scimitar 6 tonne spreader - SS

Source discrepancy: item 14 appears twice in the original list. Confirm the spinner disc reference before ordering.

14 WALKING BEAM AND AXLE

Exploded view | Match diagram item numbers to the parts list on the following page or pages.



Original engineering illustration retained. Colours shown in the drawing identify the source components and do not specify the current machine finish.

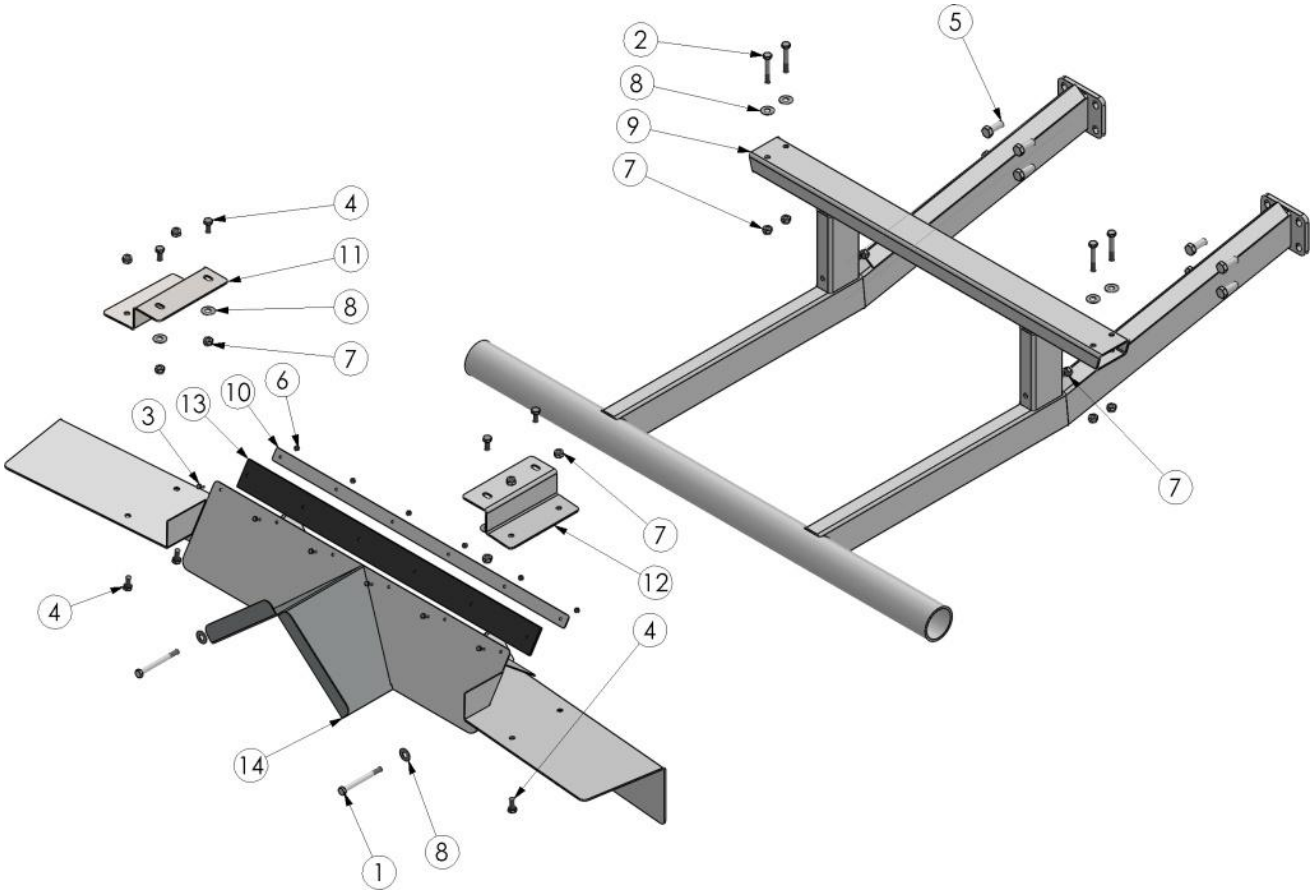
Walking beam and axle parts

Quote the machine model, serial number, part number and quantity when ordering. Original part numbers and item references have been retained.

Item	Qty	Part number	Description
1	1	1082-1000	Axle-Scimitar 6 tonne spreader-ZS
2	2	1082-1005	Axle-Clamping Plate-Scimitar 6 tonne Spreader-GL
3	2	1082-1010	Axle - Walking Beam - Scimitar 6 tonne spreader - ZS
4	2	1300-6690	Bracket - Mudguard - Scimitar 6 tonne spreader - GL
5	8	2810-1260	Fastener-Bolt&Nut-Hex-304 Grade-M12x60-Stainless
6	4	2810-2014	Fastener-Bolt&Nut-Hex-304 Grade-M20x140-Stainless
7	8	3075-1225	Fastener-Set-Screw-Hex-304 Grade-M12x25-Stainless
8	8	3075-1650	Fastener-Set-Screw-Hex-304 Grade-M16x50-Stainless
9	4	3075-2050	Fastener-Set-Screw-Hex-304 Grade-M20x50-Stainless
10	8	3130-0116	Fastener-Nut-Nyloc-M16-Stainless
11	8	3130-0120	Fastener-Nut-Nyloc-M20-Stainless
12	8	3310-2820	Fastener-Washer-Flat-M20x37x2-Grade 304-Stainless
13	4	5200-9010	Machined-Vesconite-Bush-Walking Beam
14	4	5200-9015	Machined-Vesconite-Packer-Walking Beam
15	2	6250-1370	Plug-Blanking-Internal-Round-70 dia-Black Plastic
16	4	9200-1120	Wheel-Agricultural-Bearing 400/60-15.5 6H

15 SHROUD AND PUSHER BAR

Exploded view | Match diagram item numbers to the parts list on the following page or pages.



Original engineering illustration retained. Colours shown in the drawing identify the source components and do not specify the current machine finish.

Shroud and pusher bar parts

Quote the machine model, serial number, part number and quantity when ordering. Original part numbers and item references have been retained.

Item	Qty	Part number	Description
1	2	2810-1212	Fastener-Bolt&Nut-Hex-304 Grade-M12x120-Stainless
2	4	2810-1270	Fastener-Bolt-Hex-304 Grade-M12x70-Stainless
3	6	3075-0616	Fastener-Set-Screw-Hex-304 Grade-M6x16-Stainless
4	8	3075-1225	Fastener-Set-Screw-Hex-304 Grade-M12x25-Stainless
5	8	3075-1640	Fastener-Set-Screw-Hex-304 Grade-M16x40-Stainless
6	6	3130-0106	Fastener-Nut-Nyloc-M6-Stainless Steel
7	14	3130-0112	Fastener-Nut-Nyloc-M12-Stainless
8	10	3310-2812	Fastener-Washer-Flat-M12x32x1.5-Grade 304-Stainless
9	1	6300-1500	Pusher Bar - Scimitar 6 tonne spreader - GL
10	1	6500-1780	Profiled-Clamping Plate-Rubber-Trailed Spreader-SS
11	1	6500-4940	Profiled-Mount-Deflector-LH-Trailed Spreader-SS
12	1	6500-4941	Profiled-Mount-Deflector-RH-Trailed Spreader-SS
13	1	7680-4010	Rubber Strip-70x6-38 shore
14	1	7950-1100	Shroud-Deflector-Scimitar 6 tonne spreader - SS

16 WARRANTY ENQUIRIES AND SERVICE SUPPORT

Warranty enquiries

If you believe your machine has a defect or you need to make a warranty enquiry, contact the retailer who supplied it or Scimitar. Have your model, serial number, purchase date and a description of the issue available.

Warranty coverage and conditions must be confirmed against the warranty documentation supplied with your machine. The warranty period for this Scimitar edition has not yet been confirmed. The former manufacturer's warranty and liability clauses have not been adopted as new Scimitar terms in this manual.

Parts and service

Contact Scimitar for spare parts, replacement bearings and bushes, towing eyes, belt replacement and hydraulic service arrangements. Confirm compatibility before ordering, particularly where a legacy part number or controller is involved.

Do not adjust factory hydraulic settings or spinner speed without Scimitar authorisation. Scimitar will advise on the appropriate service provider for your machine.

Your machine record

Model _____

Serial number _____

Purchase date _____

Supplying retailer _____

Scimitar Equipment

315 Ngaumutawa Rd, Solway, Masterton
06 370 1212
scimitar.co.nz
sales@agtec.co.nz

17 REAR DOOR PULSE SETUP

Set the FARMSCAN Jackal pulse value to match the material and rear-door opening selected on the Scimitar 6000 spreading chart.

Before you start Position the arrow in the center of the chart box for the required application rate. Read the pulse value in that row under the material being spread.

	**01 Open Setup** From the main operating screen, press the button below SETUP.
	**02 Select Inputs** Highlight Inputs using the navigation arrows, then press the button below SELECT.
	**03 Select the weight input** Highlight 1: kg, then press SELECT. This opens the Input 1 Edit screen shown in the next step.
	**04 Edit Manual Ratio** Scroll to the number beneath Manual Ratio. Press the button below EDIT to open the pulse/kg value.
	**05 Enter the chart value** Use the navigation arrows to enter the pulse value for your material and rear-door opening. Press EXIT, check the updated Manual Ratio, then exit to the main screen.

Example Urea with the door at 50 uses 61.62 pulse/kg. Screen values are examples only; use the value from your chart. Recheck the pulse setting whenever the material or rear-door opening changes.

Implement Width Setup

Continue the setup by setting the implement width to match the width shown on the rear-door spreading chart.



06 Select Other Settings

From the main operating screen, press SETUP. Highlight Other Settings using the navigation arrows, then press SELECT.



07 Adjust Implement Width

Highlight the value beneath Implement Width and press EDIT. Enter the width shown on the rear-door spreading chart for your selected setting. Press EXIT, check the updated width, then exit to the main operating screen.

Example The screen shows 23.00 m as an example only. Use the width from your rear-door spreading chart.

Recheck the implement width whenever you change the chart setting.

Target Rates Setup

Set the target application rates for Rate A, Rate B and Rate C through Front Screen 4.



08 Select Front Screen

From the main operating screen, press SETUP. Highlight Front Screen using the navigation arrows, then press SELECT.



09 Select the belt display

On the Front Screen list, highlight 4: BELT (KgHa), then press EDIT. This opens Front Screen 4.



10 Set Rate A B and C

On Front Screen 4, highlight RateA, RateB or RateC and press EDIT. Enter the required target rate in kg/ha. Repeat for the other rates as needed, then press EXIT to return.

Example The photo shows Rate A at 100, Rate B at 200 and Rate C at 300 kg/ha. Use the target rates required for your application.

Farm Machinery for New Zealand.

SCIMITAR®

MANUFACTURED IN MASTERTON



PARTS, SERVICING & SUPPORT

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SCIMITAR SPREADER 6000

OPERATING & MAINTENANCE MANUAL