



## OWNER'S MANUAL FOR THE



# GROUND DRIVEN SPREADERS

## C-DIT300GD

## C-DIT300GT

## C-DIT300HORT

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# **SAFETY PRECAUTIONS**

## **CDIT300**

### **AN IMPORTANT MESSAGE FOR OWNERS & OPERATORS OF C-DAX ATTACHMENTS/ACCESSORIES**

Be warned of the dangers of loading your ATV or other vehicle in excess of its carrying capacity. It is important to understand that any loads or attachments whether fastened to or placed on a vehicle or ATV will alter the stability or handling characteristics of that vehicle or ATV. Spray tanks or other equipment must be filled only to a level where the gross weight is within the load limit of the ATV or other vehicle.

Safety is a primary concern in the design, manufacture, sale, and use of spray tanks and other equipment. As manufacturers of spray tanks and other equipment we want to confirm to you, our customers, our concern for safety. We take this opportunity to remind you about the simple, basic and common sense rules of safety when using spray tanks and other equipment. Failure to follow these rules can result in severe injury or death to operators and bystanders.

It is essential that everyone involved in the assembly, operation, transport, maintenance and storage of this equipment be aware, concerned, prudent and properly trained in safety.

This also applies to equipment that is loaned or rented to someone who has not read the owner's manual and is not familiar with the operation of application equipment.

- NEVER EXCEED THE LOAD LIMIT CAPACITY OF THE ATV OR OTHER VEHICLE.
- ALL ATV AND TRAILED EQUIPMENT TYRES SHOULD BE INFLATED TO MANUFACTURERS RECOMMENDED OPERATING PRESSURES.
- PLEASE NOTE THAT FILLING THE SPRAY TANK OR OTHER EQUIPMENT COMPLETELY AND OR THE ATTACHMENT OF ADDITIONAL EQUIPMENT TO THE ATV MAY EXCEED THE ATV'S MAXIMUM LOAD CAPACITY, AND ADVERSELY AFFECT THE STABILITY OF THE ATV OR OTHER VEHICLE.
- CARGO SHOULD BE PROPERLY DISTRIBUTED AND SECURELY ATTACHED.
- REDUCE SPEED WHEN CARRYING CARGO OR PULLING A TRAILER OR TRAILED APPLICATION EQUIPMENT AND ALLOW GREATER DISTANCE FOR BRAKING.
- NEVER ALLOW ANYONE TO RIDE ON YOUR SPRAYER OR OTHER EQUIPMENT.
- ALWAYS FOLLOW THE INSTRUCTIONS IN THE OWNER'S VEHICLE MANUAL FOR CARRYING CARGO OR PULLING A TRAILER.
- PROPER MAINTENANCE IN LINE WITH MANUFACTURER'S RECOMMENDED MAINTENANCE PROCEDURES IS ESSENTIAL.
- BEFORE APPLYING CHEMICALS, READ THE LABEL OF THE CHEMICAL MANUFACTURER OR SUPPLIER FOR PERSONAL PROTECTIVE EQUIPMENT AND OPERATE AS RECOMMENDED.
- THE SAFETY OF ALL CHEMICALS USED IN AGRICULTURE IS UNDER THE JURISDICTION OF A GOVERNMENT AGENCY, IE N.Z. MINISTRY FOR THE ENVIRONMENT; USA ENVIRONMENTAL PROTECTION AGENCY. FURTHER LOCAL GOVERNMENT OR STATE LAWS MAY APPLY.

## SAFETY PRECAUTIONS

Before attempting to install or operate the equipment, read and understand the manual thoroughly. Failure to comply with this instruction constitutes improper use and will invalidate the warranty.

Throughout this manual there are highlighted text boxes containing warnings, cautions and notes.

**Warnings** are mandatory instructions to prevent serious injury or permanent damage.

**Cautions** are advisory instructions to ensure reliable operation of the equipment.

**Notes** are for convenient operation

Do not overload your spreader. The maximum permissible payload is 250 Kg.

Never use dirty product or product with stones or lumps.

Ensure that your towing vehicle is adequate for the task. The maximum tare weight is 350 Kg.

If using the spreader over hilly terrain the payload should be reduced to ensure that the spreader stability is not compromised.

Never allow anyone to ride on the spreader.

Keep the spreader in good condition. Cleanliness and maintenance are essential for safe and trouble free operation.

Never leave product in the hopper or store the spreader without cleaning it.

# C-DAX CDIT300

## OWNER'S MANUAL

(Pt.No.90011 Issue 10 Dated 26 October 2005)

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## INTRODUCTION

Congratulations. You have just purchased an advanced spreader from C-DAX Systems. C-DAX Systems is committed to providing you, the farmer, with quality applying systems.

### DESCRIPTION

The C-DAX **C-DIT300GD** is a ground-driven spreader designed for application of pelleted fertilisers. It can be also be used for application of other products such as grass seed and magnesium oxide. The uniquely designed 300-litre translucent non-corrosive polyethylene hopper is specially profiled for good product flow and ease of filling. The convenient flexible polypropylene cover is easy to remove, install and store if not required. A high-quality stainless steel agitator and shutter ensures even flow of product to the spinner. A unique spinner design ensures wide, even spread of products over 180 degrees (Urea). The **HORT** model is fitted with a side delivery kit to allow product to be spread in a band to the left of the machine. The lightweight yet robust powder coated frame is fitted with chunky turf tyres as standard equipment. The drive train uses high quality steel and a double sealed self-aligning bearing and heavy-duty gearbox for maximum durability. The drive can be disconnected using a convenient pin clutch. The dual control levers allow instant setting of product feed rate and product control.

The **C-DIT300GT** model has a lever operated mechanical clutch fitted to the drive axle, to allow engagement and disengagement of the spinner drive without leaving the operators seat. It also features mudguards, and extended control levers as standard, and a large fully shrouded polyethylene front deflector to further protect the operator from product being thrown off the spinner.

The **C-DIT300GT** model is also compatible with the HORT kit.

#### Specifications: All Models Unless Stated

(Specifications subject to change without notice)

Dry Weight	75 Kg ( <b>GD Model</b> ) 83 Kg ( <b>GT Model</b> )
Dimensions	W1430mm, H1200mm, L1700mm W1450mm (Wide wheel models)
Capacity	300 litre (250Kg Urea)
Drive	Ground driven (single wheel)
Wheels	18x950x8 Chunky turf tyres
Tyre pressure	12 PSI
Clutch	Removable Pin ( <b>GD model</b> ) Lever operated mechanical clutch ( <b>GT model</b> )
Control	Adjustable stainless steel slide with index handle
Agitator	Mechanical arm, stainless steel
Spinner	Galvanised steel with three-position adjustable vanes
Hopper	Non-corrosive polyethylene, ergonomically designed for ease of filling and inspection.
Hopper cover	Lightweight polypropylene fabric
Frame	Powder coated steel (Optional Galvanised, All Models)
Gearbox	Heavy duty with double sealed bearings
Gearbox oil	400ml SAE30
Axle Bearings	Sealed ball races
Clutch bearing	Heavy-duty phosphor-bronze bush
Axle grease	General Purpose
Application Rate	140Kg per hectare @ 10 kph (nominal, Urea)
Spread width	18M (nominal, Urea @ 15 Kph)
Towing speed	15 Kph (Maximum recommended)

Order Information	NZ	AUST	UK	FRANCE
Standard <b>GD</b> model;	P/N 81005	81348	81289	67432
<b>GD</b> model with optional Galvanised Frame;	P/N 81006	81663	80479	67433
<b>GD</b> model with Powder Coated Frame and extended control lever	P/N 81069	82450		67434
<b>GD</b> model with Galvanised Frame and extended control lever	P/N 81070	82449		67435
<b>GD</b> model with wide wheels	P/N82428		82731	
<b>GD</b> model with Galvanised Frame and wide wheels	P/N82419		83046	
<b>GD</b> model with Galvanised Frame, extended control lever, and wide wheels	P/N82420			
<b>GD</b> model with wide wheels and extended control lever	P/N82421			
<b>GD</b> HORT Model (Side Delivery)	P/N 82091	82109	82111	67436
<b>GT</b> Model	P/N 84250			

GT Model with Galvanised Frame,	P/N 84251
GT HORT Model with Powder Coated Frame	P/N 84252
GT HORT Model with Galvanised Frame	P/N 84253

Option	Digital Speedometer;	P/N 32301	
Option	Extended Shutter Control Lever (GD only)	P/N 81045	
Option	Side Delivery Kit	P/N 82093	67447
Option	Broadcast Kit (for HORT model)	P/N 82101	67448
Option	50mm Tow Hitch Kit	P/N 43803	

## WARRANTY

C-DAX Systems LTD warrants to the original purchaser that the equipment is sold free from defects in materials and workmanship for a period of 12 months from date of retail sale (6 Months from date of retail sale for all equipment sold in the U.K.).

Accordingly, C-DAX Systems undertakes to repair the equipment, or at our option replace, without cost to the original purchaser either for materials, parts or labour, any part which within the specified warranty period from time of delivery is found to be defective. PROVIDED that the equipment has been used for normal purposes in accordance with the instructions, and has not been subject to neglect, misuse or accident, and has not been repaired, serviced or dismantled by any person other than a service agent or person authorised by C-DAX Systems.

The warranty does not extend to cover: consequential damage; repair or replacement of parts due to fair wear and tear; or damage resulting from neglect, misuse, accident or hireage. SPECIFICALLY the warranty excludes battery damage, damage arising from chemical attack, and units built to customers specifications.

All goods returned to C-DAX Systems are freight paid by the **sender** and if subject to a warranty claim, **must** be accompanied by a completed warranty claim form. Warranty claim forms are available from C-DAX dealers.

## LIABILITY

The maximum liability, which is accepted by C-DAX Systems, is limited to replacement of faulty goods only. Every care has been taken in the manufacture of our goods but because use of the goods is outside the control of the manufacturer, the end user assumes all responsibility for the use. Neither the manufacturer nor retailer shall be liable for loss or damage resulting from use.

Any advice or recommendations given by C-DAX Systems, its agents, or employees is given in good faith and based on the best information available to us. No liability or responsibility is accepted or implied as a result of any information or advice tendered by C-DAX Systems, its agents or employees. The end user accepts all responsibility arising from that advice.

## OPERATION

The product to be spread is placed in the hopper. When the spreader is towed forward, the right hand wheel drives through the pin clutch (**GD** model), or lever operated mechanical clutch (**GT** model) and gearbox to turn the spinner in a clockwise direction. When the shutter handle is pulled forward, the shutter at the bottom of the hopper rotates to an open position. The size of the opening is set by a shutter stop lever, which locates into one of nine pre-set positions.

An extension of the spinner boss is connected to a stainless steel agitator arm inside the bottom of the hopper. The agitator ensures that product flows continuously out of the hopper to the spinning disk.

A delivery chute on the bottom of the hopper ensures that product is delivered to the correct spot of the disk so that the deflectors distribute the product over a wide angle behind and to each side of the spreader. The **HORT** model is fitted with a smaller spinner and spinner shrouds so that product is delivered in a band to the left of the spreader.

The drive from the wheel to the gearbox may be disengaged by removing a pin from the axle (**GD** model), or by operating the clutch engage/disengage lever (**GT** model). The pin may then be stowed by inserting it into a holder on the side of the frame.

The **GT** model clutch system can be engaged or disengaged at up to 10KPH while the spreader is in motion.

A fabric hopper cover with an elastic band sewn into the outer edge to grip the lip of the hopper can be fitted to prevent rain and debris from entering the hopper.

### WARNING

To prevent premature failure or damage to the CDIT300**GT** clutch system, do not engage or disengage the clutch at speeds in excess of 10 KPH.

## INSTALLING THE SIDE DELIVERY KIT Pt.No.82093

The C-DAX CDIT300**HORT** is delivered with the Side Delivery Attachment in kit form. The kit includes a high-impact two-piece polyethylene spinner shroud, spinner vanes, and attachment hardware. When fitted, all of the product emitted from the spinner is directed to the left hand side of the spreader.

### Kit Contents

Pt.No.	Description	Qty
51551	Left Hand Shroud	1
51552	Right Hand Shroud	1
82094	Deflector	1
41027	Nyloc Nut 5mm	12
44002	Flat Washers 5mm	10
41088	Panel Washers 3/16 x 1"	6
42046	Screw, Hex Head, M5x20	12
10497	Screw, Self-Tapping	7
42520	Bolt, 8mm x 50	1
42552	Nut, M8, Nyloc	1
91021	Instruction Leaflet	1

### Tools Required

Hammer  
8mm Pin Punch  
8mm Drill  
13mm Spanner x 2  
8mm Spanner x 2  
16mm Packers (2 x 450 x 150)  
Screw Driver No. 8 Posidrive  
8mm Allen Key

### Installation

#### NOTE

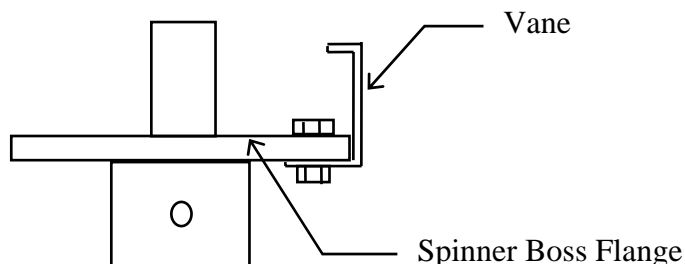
If the kit is being used to convert a CDIT300**GD** or **GT** (standard model) broadcast spreader it will be necessary to reconfigure the spinner. If fitting the kit to a CDIT300**HORT**, go straight to step 4.

1. Carefully remove the roll pin or M8 bolt from the agitator shaft above the spinner assembly by driving the pin out with a punch or unscrewing the bolt. Discard the roll pin and remove the agitator.
2. Remove the spinner disk and retain the four 8mm screws and nuts for reuse.
3. Remove and retain the four vanes from the disk.

#### NOTE

The vane attachment screws on older model spreaders were 6mm. Before reattaching the vanes, check the end hole diameter and if required drill out to 8mm.

4. Using the 8mm screws and nuts attach the vanes directly to the spinner flange on the gearbox output shaft ensuring that the vanes are facing the correct way (open side rotates clockwise when viewed from the top). The vane surface must be under the flange as shown in the diagram below.



5. Fit the agitator and fix in position using the 8mm bolt and nyloc nut provided.
6. Remove the protruding grub screw (if fitted) from the spinner flange collar. Leave the recessed screw in place.
7. On GT model spreaders only, it is necessary to remove the spinner deflector shroud. Drill out the three rivets holding the deflector to the frame with a 5mm drill bit, and remove the two screws securing the deflector to the hopper. Retain the deflector if required for use with broadcast spreading.
8. After ensuring that all nuts are tight, fit the left and right-hand shrouds around the spinner and base of the hopper so that the discharge chute is pointing to the left and behind the left-hand wheel.
9. Place the two shrouds over the spinner and fasten them together using the eight 5mm screws, flat washers and nyloc nuts provided. Place the flat washers under the nuts.
10. Carefully adjust the position of the shroud assembly around the hopper base so that the shutter aperture on the shroud clears the shutter by 3mm when the shutter is fully closed.
11. Adjust the height of the shroud assembly so that the spinner vanes are positioned evenly between the upper and lower surfaces of the shroud assembly and can rotate without interference.

**NOTE**

The shroud assembly may be positioned correctly by placing two 16mm packing strips on top of the vanes before placing the shroud assembly. After the shroud has been screwed into position, rotate the spinner to remove the packers through the discharge chute.

12. Fix the shroud assembly to the base of the hopper with the 7 self-tapping screws provided. Do not pre-drill the screw holes.

**NOTE**

When fixing the deflector the large panel washers are to be placed against the plastic wall, the smaller flat washers against the metal deflector. The remaining two panel washers are to be placed over the slotted hole in the deflector.

13. Attach the deflector to the top of the shroud discharge using the four 5mm screws, flat washers, and panel washers provided.
14. Position the deflector in its mid-position and tighten all four nuts.

**NOTE**

The CDIT300GT model is also compatible with the HORT kit.

## INSTALLING THE BROADCAST KIT Pt.No. 82101

The C-DAX CDIT300HORT Broadcast Attachment Kit is an accessory for the Side Delivery spreader. The kit includes a spinner disk, spinner guard, and fasteners. The kit effectively converts the Side Delivery spreader to a broadcast spreader.

### Kit Contents

Pt.No.	Description	Qty
71211	Spinner Disk	1
42518	Screw, Hex Head, M8x25	8
42552	Nut, Nyloc, M8	8
41079	Rivet, 3/16x15, Truss Head	3

### Tools Required

13mm Spanner x 2  
8mm Spanner x 2  
Screw Driver No. 8 Posidrive  
Pop Riveting Tool

### Installation

Before the spinner disk is attached to the spreader, it is necessary to remove the Side Delivery kit.

1. Remove the self-tapping screws, which attach the side delivery shrouds to the base of the hopper.
2. Remove the nuts and bolts attaching the two halves of the shrouds together and remove the shrouds.
3. Remove and retain the four vanes from the spinner boss. Retain the four nuts and bolts for re-use.
4. Remove the 8mm bolt, which attaches the agitator to the spinner boss and remove the agitator.
5. Using the three rivets provided, attach the plastic spinner shroud to the attachment rail in front of the spinner position. Ensure that the left hand end of the shroud is flush with the left hand hopper support leg.
6. Using the 8mm screws and nuts removed in step 4 above attach the spinner to the spinner boss.
7. Using the new screws and nuts provided attach the vanes to the spinner ensuring that the open side rotates clockwise when viewed from the top.
8. Replace the agitator and fix in position using the 8mm bolt and nyloc nut removed in step 4.

## CALIBRATION (All Models)

Shut the Shutter Control Handle to the closed position.

To calibrate your spreader, place a measured amount of product (10 Kg) in the hopper.

Set the Shutter Stop Lever to the position (1-9) indicated in the Calibration Guide below.

Ensure the drive pin is correctly inserted into the hole in the drive axle (**GD** model), or the clutch engage lever is in the engaged position (**GT** model).

Tow the spreader at the desired speed and pull the Shutter Control Handle forward.

When the product has been exhausted, measure the distance covered and band width in metres. It is recommended that this be done over an area where the product can be seen on the ground so that the spread width can be measured.

Check the application rate using the following formula:

$$\text{Rate (Kg/ha)} = \frac{\text{Product applied (Kg)} \times 10,000}{\text{Distance travelled (metres)} \times \text{spread width (metres)}}.$$

Adjust either the Shutter Stop Lever or the speed of travel until the desired application rate is achieved.

### NOTE

Because of variations in product characteristics, speedometer calibration and driving speed, the information in the calibration guide should be regarded as a starting point only. It is recommended that the spreader be calibrated before use.

### Calibration Guide (Broadcast Spreader All Models) Average Speed 10 Kph

Product	Rate (Kg/ha)	Shutter Setting (Lever Position)	Nominal Spread (Metres)
Urea or DAP	50	4	15
Urea or DAP	75	5	15
Urea or DAP	100	6	15
Super phosphate	100	7	12
30% Potassic Super	100	8	10
Rye Grass	30	3	4

### Magnesium Oxide

Magnesium Oxide powder is applied at a rate determined by the number of cows to be treated. When spreading this product, calculate the weight of powder to be applied and apply this amount using shutter setting 4 or 5. Because this product may set hard if left exposed to air, it must not be stored in the machine even for a short time. Load the spreader only with the amount required to be spread and clean all traces of product from the machine after use.

## Calibration (Side Delivery Model HORT)

### CAUTION

When very narrow band widths are used, the spreader is capable of very high application rates. For this reason, and because spreader performance will vary depending on the type of product being spread it is essential to calibrate the machine prior to use.

The spreader should always be calibrated before use described above. However, because the spread width is narrower when the side delivery kit is fitted, the nominal application rates for the various choke settings will be higher than when the spreader is used as a broadcaster. To convert the rates use the following formula;

Side Delivery Rate (kg/ha)=

$$\text{Broadcast Rate (Kg/ha)} \times \frac{\text{Broadcast Bandwidth (M)}}{\text{Side Delivery Bandwidth (M)}}$$

The nominal application rates (Kg/ha) for urea spread at 10 Kph are as follows;

Shutter Lever Stop	2M Band
1	0
2	20
3	160
4	400
5	562

Application rates may be lowered further by increasing speed or increasing band width.

## OPERATING THE SPREADER

When the spreader has been correctly calibrated, the hopper may be filled to the required level and spreading commenced.

To reduce agitator damage to product and to ensure that product is not forced past the agitator shaft when towing the spreader to the area to be treated, the drive to the gearbox should be disconnected by removing the pin from the drive axle (**GD** model), or disengaging the clutch lever (**GT** model), until spreading is to be commenced. The pin can be stowed by inserting it through a receptacle provided on the right hand side of the hopper frame.

### WARNING

To prevent damage to the spreader do not tow the spreader at speeds in excess of 15 Kph.  
To prevent damage to the mechanical clutch do not engage or disengage the clutch on the CDIT300GT model at speeds in excess of 10 KPH.

To prevent inadvertent operation of the shutter while the spreader is in transit it is recommended that the Shutter Stop Lever be moved to Position 1 to lock the shutter closed.

To prevent the shutter from vibrating closed when the spreader is operated over rough ground, the Shutter Control Handle friction may be increased by tightening the adjustment nut at the bottom of the Handle.

### CAUTION

When operating spreaders fitted with the optional extended Shutter Control Handle, care should be taken to ensure that the handle does not interfere with the ATV carrier frame, especially when operating at high application rates over uneven ground.

### Adjusting the Spread Pattern

The spreader has been set up for spreading pelletised fertiliser. When spreading lighter products or products with a high powder content it may be necessary to adjust the deflectors on the spinner to centralise the spread pattern. To adjust the pattern to the right (facing forward) the inside end of the vanes should be moved clockwise. To adjust the pattern to the left (facing forward) the inside end of the vanes should be adjusted anticlockwise.

### Operating The Side Delivery HORT Model

When the spreader is operated, product will be thrown in a band to the left of the spreader. The width of the band can be adjusted by altering the angle of the upper deflector. To adjust the band, slightly loosen the two deflector adjustment screws, alter the angle of the deflector to suit the required application, then ensure that all screws are fully tight. The actual bandwidth will vary with the type of product, application rate, and speed of travel. However, the nominal range of bandwidth adjustment is 0.5M to 2.5M.

### WARNING

To prevent damage to the spinner and shrouds, do not operate the spreader unless the screws are tight.

### Fitting the Rain Cover.

To fit the rain cover to the hopper, loop one corner of the cover over a corner of the hopper then stretch the cover over the opposite corner of the hopper so that the elastic edge holds it in place. Then stretch the third corner over the hopper rim followed by the last corner. Ensure that the cover is properly stretched over the hopper rim before moving off.

## MAINTENANCE

The following maintenance actions are mandatory for reliable use of the spreader.

### Before Use

Check the tyre pressures and charge with air as required. The correct pressure is 12 psi. (80 Kpa)

Remove the gearbox drive pin, or disengage the mechanical clutch and turn the spinner by hand to ensure that it is free to turn without interference.

Check the hopper to ensure that no debris is inside.

If the spreader has not been used for some time, grease the bearings. Pay particular attention to the pin clutch bearing, and the mechanical clutch engagement groove and bearing (**GT** model only).

Check the gearbox for leaks. If leaks are detected it will be necessary to drain and replenish the gearbox with 400ml of SAE 30 oil.

### CAUTION

To replenish the gearbox the spreader may be inverted to place the filler plug uppermost. However in doing so extreme care must be taken to prevent damage to the spinner and deflectors.

### After Each Use or Daily when in Use

Remove all traces of product from the spreader by brushing or washing. Pay particular attention to areas where product has accumulated and built up. Remove by scraping if necessary taking care not to damage the surface finish of the spreader or its components.

If washing do not direct high-pressure water onto the gearbox, axle or wheel bearing seals.

After washing, grease the bearings (three places) and apply water displacing fluid such as WD 40 or LPS3 to all metal parts.

Check for damaged or worn components and replace as required.

### NOTE

To ensure trouble free operation of the mechanical clutch, pay particular attention to cleaning and greasing the drive clutch on the **GT** model.

## HINTS

When greasing the pin clutch bearing in the axle assembly, leave the pin in place. This will assist the grease to fully enter the scroll in the axle and prevent the axle from being displaced if the bearing housing should be over pressurised with grease.

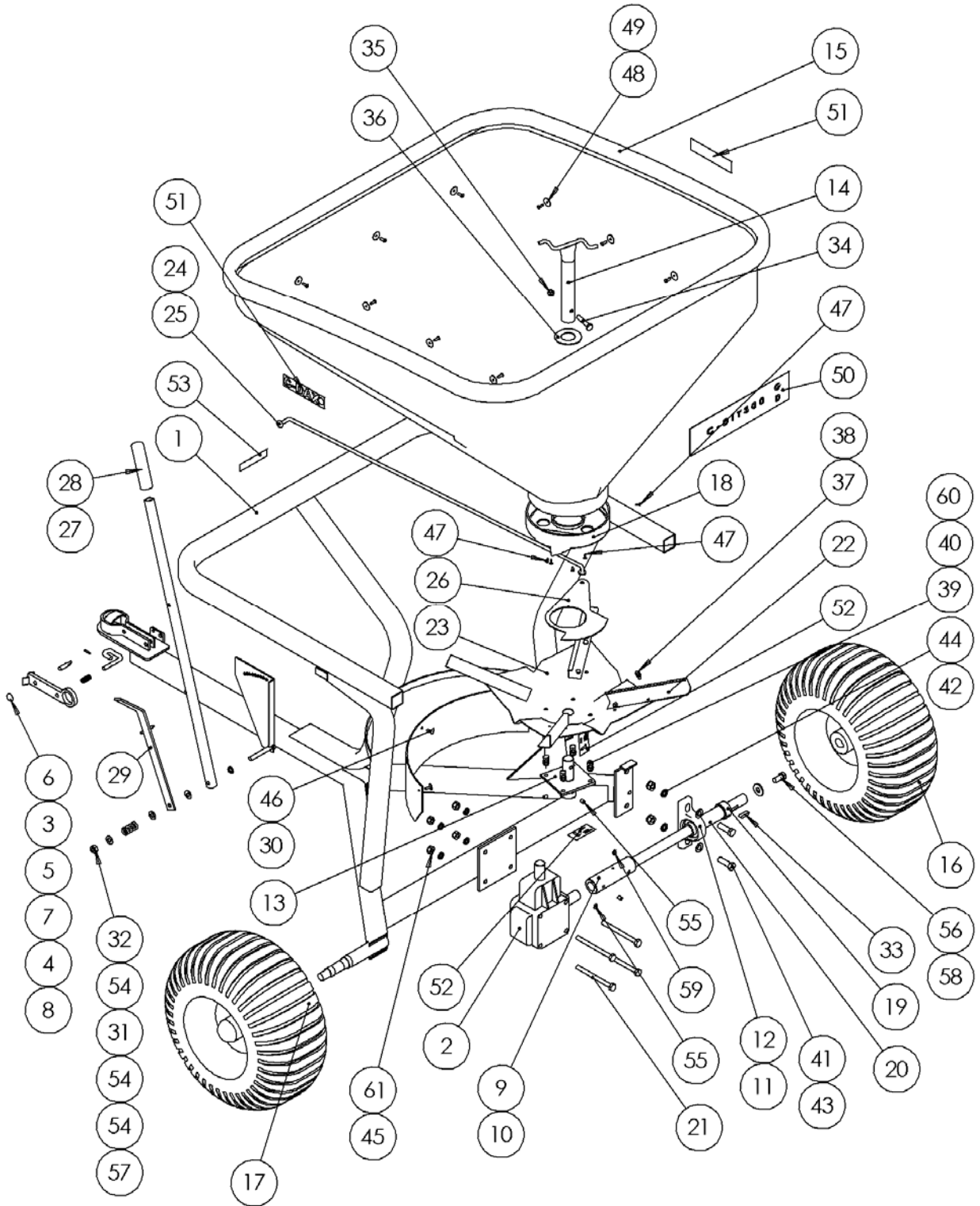
If the drive axle is removed from the axle housing for any reason care must be taken to ensure that both the axle scroll and bronze bush are clean and free of debris before reassembly.

To remove the agitator from the hopper knock out the roll pin or remove the bolt, which attaches the agitator shaft to the spinner flange assembly then withdraw the agitator from inside the hopper.

When ordering replacement parts always quote the spreader Serial Number and the Part Number of the required part.

The mechanical clutch engage/disengage bolt, which operates the clutch head is intended as a replacement item. If excessive wear is noticed, remove the bolt and replace with part number #42531.

**PARTS DIAGRAM**  
(GD Model)



**PARTS LIST (GD Model)**

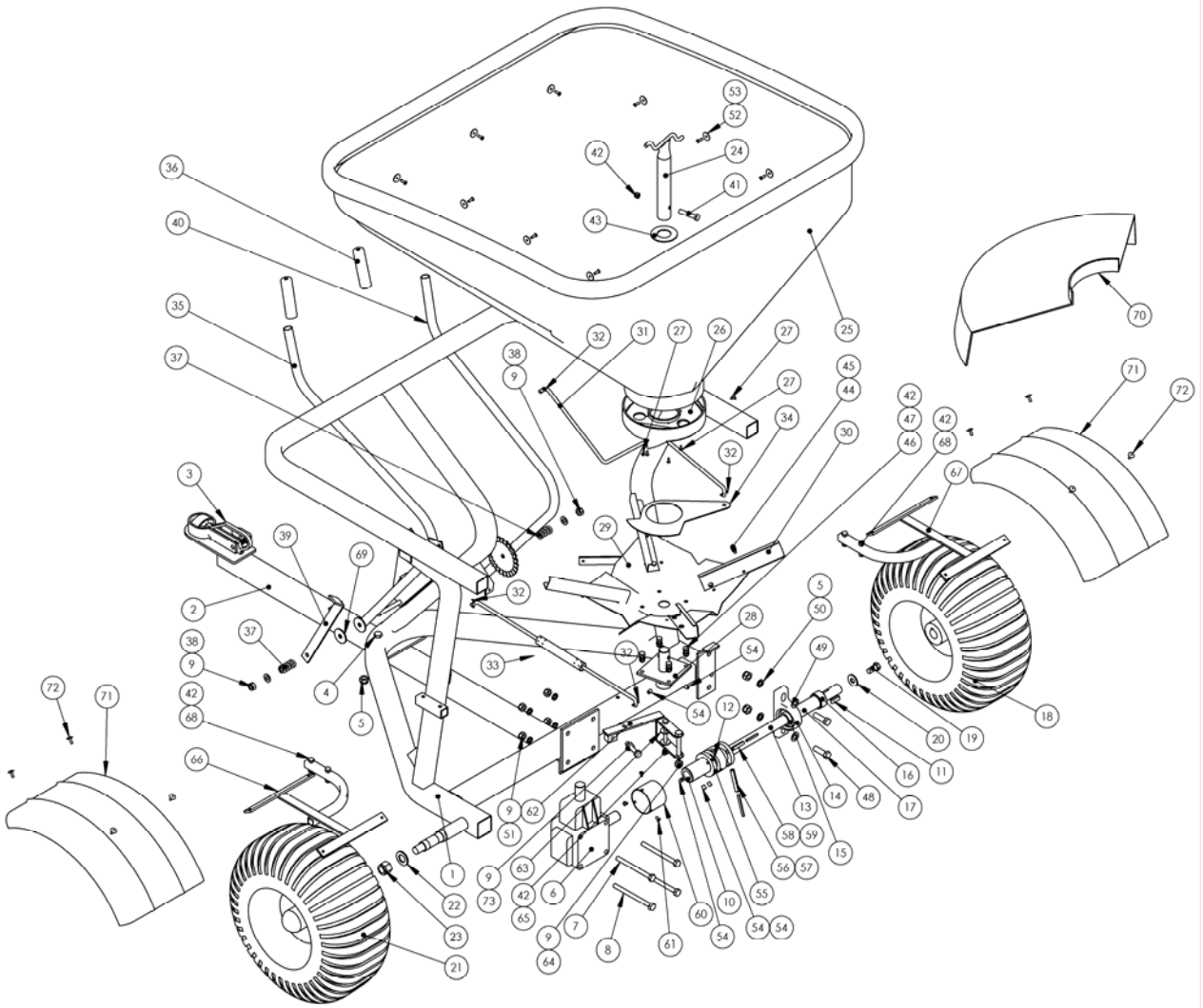
ITEM NO.	QTY.	DESCRIPTION	
1	1	Frame-CDIT300GD	71205
	1	Frame-CDIT300GDGL (Galvanised Version)	71225
2	1	Gearbox-Ferroni-RV10	81683
3	1	Handle-Towhitch-1 7/8-ZP	43805
	1	Handle-Towhitch-50MM-ZP (Aus & UK models)	43803
4	1	Lock pin-Included with 43805	*
5	1	Pin-Hinge-Include with 43805	*
6	1	Cap-Starlock-9mm-Include with 43805	*
7	1	Spring-Lock-Include with 43805	*
8	1	Pin-Rolled-3.3x19-Include with 43805	*
9	1	Housing-Axle-CDIT300GD	81024
10	1	Shaft-Axle-CDIT300GD	81203
11	1	Bearing-CDIT300	81019
12	1	Block-Pillow-CDIT300	60599
13	1	Flange ASY-DD-CDIT300	81671
14	1	Shaft-AGR-DD-CDIT300	81672
15	1	Hopper-DD-CDIT300-MDPE	81670
16	1	Wheel ASY-Key TBL5 Turf	44841
	1	Wheel ASY-Key TBL5 Turf (Wide wheel models)	44824
17	1	Wheel ASY-BRG TBL5 Turf	44842
	1	Wheel ASY-BRG TBL5 Turf(Wide wheel models)	44823
18	1	Spout-CDIT300-MDPE	81022
19	1	Collar-Shaft-ID25	81075
20	1	Cover-Shaft-CDIT300	81075
21	4	Bolt-M10x120-ZP	41082
22	4	Vane-Spinner-CDIT300	81020
23	1	DISC-Spinner-CDIT300	71211
24	1	Arm-Shutter-CDIT-300GD	71176
25	2	Cap-Starlock-8mm-CP	42748
26	1	Shutter-CDIT300-DLD	71173
27	1	Lever-Shut-CDIT300GD	71177
	1	Lever-Shut-CDIT300GD-Bent (Opt Extended lever)	71247
28	1	Grip-Handle-7/8"-PVC-BK	61502
29	1	Arm ASY-INDR-CDIT300	71190
30	1	Shroud-CDIT300GD-MDPE	71213
31	1	Spring-COMP-Crinkle Plate	46523
32	1	Nut-Nyloc-M10-ZP	42565
33	1	Key-8x8-CDIT300	81007
34	1	Screw-HH-M8x50-ZP	42520
35	1	Nut-Nyloc-M8-ZP	42552
36	1	Washer-34.9IDx67ODx2SS304	42024

37	8	Screw-HH-M6x16-ZP	42511
38	8	Nut Nyloc M6-ZP	42551
39	4	Screw-HH-M8x20-ZP	42508
40	4	Washer-Spring-M8-ZP	42561
41	2	Screw-HH-M12x40-ZP	42535
42	2	Nut-M12-ZP	42593
43	2	Washer-Flat-M12-ZP	42557
44	2	Washer-Spring-M12-ZP	42563
45	4	Washer-Spring-M10-ZP	42562
46	3	Rivet-3/16"x15-Truss HD-AL	41079
47	7	Screw-CNK POZI-8Gx1/2-SS	41013
48	9	Washer-Flat-3/16"x7/8"-SS	40204
49	9	Rivet-5x5/8-SS	42802
50	1	Label-CDIT300GD	66073
51	2	Label-CDAX-30x140-Meyer	66095
52	2	Label-Caution-CDIT300GD	60076
53	1	Label-Serial No-Metal	65501
54	3	Washer-Flat-M10-ZP	42556
55	4	Screw-Grub-M8x10-SS	42744
56	1	Screw-HH-M12x25-ZP	42747
57	1	Washer-EX-S/Proof-10-ZP	24026
58	1	Washer-Flat-M12x32x3-GL	42746
59	1	Nipple-Grease-1/4UNFx1/4	41504
60	4	Nut-M8-ZP	42587
61	4	Nut-M10-ZP	42588
	1	Cover-CDIT300	81008

### CONFIGURATION CHANGES

From 1 June 1999 the side delivery model (SD) was introduced. These models are delivered without item 23 fitted, and with spinner shrouds and a deflector in kit form. The additional parts are listed under Kit Contents on page 8.

**PARTS DIAGRAM**  
**(GT Model)**



**PARTS LIST (GT Model)**

	QTY.	DESCRIPTION	PART NO.
1	1	Frame-CDIT300GT-PC	84161
1	1	Frame-CDIT300GT-GL	84169
2	1	Drawbar-CDIT300GT-PC	84168
2	1	Drawbar-CDIT300GT-GL	84170
3	1	Handle-Tow-Hitch-1 7/8"-ZP	43805
4	2	Bolt-M12x75-ZP	42538
5	2	Nut-Nyloc-M12-ZP	42568
6	1	Gearbox-Ferroni-RV10	81683
7	4	Bolt-M10x120-ZP	41082
8	2	Bolt-M10x130-ZP	41083
9	8	Nut-Nyloc-M10-ZP	42565
10	1	Housing-Clutch-CDIT300GT-ZPG	84171
11	1	Key-8x8-CDIT300	81007
12	1	Nipple-Grease-M6x1x5-CP	41507
13	1	Shaft-Axle-CDIT300GT-ZPG	84172
14	1	Block-Pillow-CDIT300	60599
15	1	Bearing-CDIT300	81019
16	1	Collar-Shaft-ID25	81071
17	1	Cover-Shaft-CDIT300	81075
18	1	Wheel ASY-Key TBLS Turf	44841
19	1	Screw-HH-M12x25-ZP	42747
20	1	Washer-Flat-M12x32x3-GL	42746
21	1	Wheel ASY-BRG TBLS Turf	44842
22	1	Washer-Flat-M20x39x3-BK-For 44803	40216
23	1	Nut-Nyloc-3/4" UNF-ZP-For44803	41062
24	1	Shaft-Agitator-CDIT300	81672
25	1	Hopper-CDIT300-MDPE	81670
26	1	Spout-CDIT300-MDPE	81022
27	7	Screw-CNK POZI-8Gx1/2-SS	41013
28	1	Flange ASY-DD-CDIT300-PC	81671
29	1	DISC-Spinner-CDIT300	71211
30	4	Vane-Spinner-CDIT300	81020
31	1	Arm-Shutter-CDIT-300GT-ZPG	84173
32	4	Pin-Split-3.2x20-ZP	41501
33	1	Arm ASY-Telescopic-300GT-SS	84215
34	1	Shutter-CDIT300-DLD-SS	71173
35	1	Handle-Shutter-CDIT300GT-ZPG	84175
36	2	Grip-Handle-7/8"-PVC-BK	61502
37	2	Spring-COMP-Crinkle Plate	46523
38	2	WASHER-FLAT-M10-ZP	42556
39	1	Arm ASY-INDR-CDIT300GT	84196

40	1	Handle-Clutch-CDIT300GT-ZPG	84176
41	1	Screw-HH-M8x50-ZP	42520
42	10	Nut-Nyloc-M8-ZP	42552
43	1	Washer-35IDx67ODx2-SS	42024
44	8	Screw-HH-M6x16-ZP	42511
45	8	Nut-Nyloc-M6-ZP	42551
46	4	Screw-HH-M8x20-ZP	42508
47	4	Washer-Spring-M8-ZP	42561
48	2	Screw-HH-M12x40-ZP	42535
49	2	Washer-Flat-M12-ZP	42557
50	2	Washer-Spring-M12-ZP	42563
51	4	Washer-Spring-M10-ZP	42562
52	9	Washer-Flat-3/16"x7/8"-SS	40204
53	9	Rivet-5x5/8-SS	42802
54	5	Screw-GRUB-M8x10-SS	42744
55	1	Clutch-CDIT300GT-ZPG	84189
56	1	Pin-Roll-M10x60-BK	11512
57	1	Pin-Roll-M6x60-BK	11514
58	2	Pin-Roll-M8x40-BK	11510
59	2	Pin-Roll-M5x40-BK	11511
60	1	Cover-Clutch-CDIT300GT	84177
61	3	Screw-Cap-CSK-M5x10-SS	41049
62	1	BKT-Clutch-CDIT300GT-ZPG	84178
63	2	Washer-Ludowici-Himould-NY	40013
64	1	Bolt-M10x75-ZP	42531
65	1	Bolt-M8x75-ZP	42524
66	1	BKT-Guard-LH-CDIT300GT-ZPG	84179
67	1	BKT-Guard-RH-CDIT300GT- ZPG	84180
68	4	SCREW-HH-M8x30-ZP	42714
69	1	Gasket-11x40x2.4-RU	66134
70	1	Shroud-CDIT300GT-MDPE	51558
71	2	Mudguard-Blue-MDPE-1/2	51554
72	8	Rivet-3/16x21-Truss HD-AL	41080
73	1	Screw-HH-M10x50-ZP	42529
-	1	Cover-CDIT300	81008