

# In-Ex

OWNER'S MANUAL  
FOR THE



## InEx Feeda

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## YOUR SAFETY IS IN-EX'S PRIMARY CONCERN

- **It is important that you understand that any loads or attachments whether fastened to or placed on a vehicle or ATV will alter the stability and handling characteristics of that vehicle or ATV.**
- **FAILURE TO FOLLOW THESE RULES CAN RESULT TO SEVERE INJURY OR DEATH TO OPERATORS OR BYSTANDERS.**
- **We take this opportunity to remind you about the simple, basic and common sense rules of safety when using spray tanks or other equipment.**
- **NEVER EXCEED THE LOAD LIMIT CAPACITY OF THE ATV OR OTHER VEHICLE.**
- **Spray tanks or other equipment must be filled to a level where the gross weight is within the load limit of the ATV or other vehicle.**
- **ALWAYS EXERCISE EXTREME CAUTION WHEN OPERATING EQUIPMENT, ESPECIALLY ON UNDULATING TERRAIN.**
- **Operators MUST BE AWARE that they have a responsibility to ensure that anyone using this equipment is familiar with the manufacturers safe operating instructions.**
- **PLEASE BE CAREFUL!**

## 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 Feeda. 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 unit over hilly terrain the payload should be reduced to ensure that the unit stability is not compromised.

Never allow anyone to ride on or in the unit.

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

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

# InEx Feeda

## OWNER'S MANUAL

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## DESCRIPTION

The IN-EX Feeda is towed unit designed for application of free flowing feed. 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. The heavy-duty galvanised frame is fitted with chunky turf tyres as standard. The dual control levers allow instant setting of product feed rate and product control.

### Specifications

(Specifications subject to change without notice)

Dry Weight	75 Kg
Dimensions	W1430mm, H1200mm, L1700mm W1450mm (Wide wheel models)
Capacity	300 litre
Drive	None
Wheels	18x950x8 Chunky turf tyres
Tyre Pressure	12 PSI
Control	Adjustable stainless steel slide with index handle
Hopper	Non-corrosive polyethylene, ergonomically designed for ease of filling and inspection
Hopper Cover	Lightweight polypropylene fabric
Frame	Galvanised steel
Axle Bearings	Sealed ball races
Application Rate	26 Kg / minute (Maize)
Towing speed	15 Kph (Maximum recommended)

### Order Information

IN-EX Feeda part number: 3019

## WARRANTY

### 1 WARRANTY AND LIABILITY

#### Use of the equipment

- 1.1 You must satisfy yourself as to the suitability of the equipment for your intended use(s) of the equipment.

#### Your relationship with the retailer

- 1.2 Where you consider you have a warranty claim (or any other claim) in relation to the equipment, you must contact the retailer who sold you the equipment, not C-Dax directly. The retailer is responsible for liaising with C-Dax in respect of your claim.

#### Warranty

- 1.3 C-Dax 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 first retail sale (6 months from date of first retail sale if the equipment is sold in the U.K.) subject to the terms set out below.
- 1.4 C-Dax will at its option repair or replace the defective equipment (or part of the equipment) or notify the retailer of the equipment to refund the purchase price for such defective equipment to you in the event of a breach of this warranty, subject to the terms set out below.

#### Liability

- 1.5 Except for the warranty set out in clause 1.2 above, all warranties and representations (including those expressed or implied by law) in respect of the equipment or advice relating to the equipment provided to you by C-Dax are excluded to the extent permitted by law.
- 1.6 Notwithstanding anything else in this manual, C-Dax's maximum liability to you (in the event that such liability exists) in respect of any breach of warranty, any matter set out in this

manual, or for defective equipment or advice relating to the equipment provided is limited at C-Dax's option to:

- (a) repairing or replacing the equipment (or part of the equipment); or
- (b) notifying the retailer of the equipment to refund the price for the equipment paid by you.

1.7 Notwithstanding anything else in this manual, in no event will C-Dax be liable, whether in contract, tort (including negligence) or otherwise:

- (a) where you have altered or modified the equipment, misused or misapplied the equipment, or the equipment has been subjected to any unusual, excessive or non-recommended use, service or handling (including as set out in this manual);
- (b) where the equipment is not transported, stored, handled or used in accordance with any directions given by C-Dax (or the retailer) to you (including as set out in this manual);
- (c) where the equipment:
  - (i) has been subject to neglect, accident or hireage, or the damage arises from fair wear and tear, battery damage or chemical attack;
  - (ii) has been built to a customer's specifications; or
  - (iii) has been dismantled, repaired or serviced other than by an authorised service agent of C-Dax;
- (d) for loss or damage caused by any factors beyond C-Dax's control; or
- (e) for any loss of profit or revenue, or for any special, indirect, incidental or consequential damage, loss or injury of any kind suffered by you.

1.8 Where C-Dax elects to repair or replace the equipment it will use reasonable endeavours to do so as soon as practicable but will not be liable for any delay in doing so.

1.9 You agree that the transactions entered into between you and the retailer (and C-Dax) are for the purposes of trade and that, having regard to all relevant circumstances of the transactions, it is fair and reasonable that the provisions of the Consumer Guarantees Act 1993 (NZ) do not apply to those transactions to the fullest extent permitted by law.

## **OPERATION**

The product to be fed out is placed in the hopper. The size of the opening is set by a shutter stop lever, which locates into one of nine pre-set positions.

A delivery chute on the bottom of the hopper delivers product from the hopper and deposits it in a continuous line on the ground.

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.

# CALIBRATION

Shut the Shutter Control Handle to the closed position.

To calibrate your Feeda, place a measured amount of product (10 Kg) in the hopper and place a large container underneath the spout of the unit to catch the discharged product.

Set the Shutter Stop Lever to the position (1-9) indicated in the Calibration Guide below. Hole position 9 (shutter fully open) is denoted by two holes vertically one above the other.

Use a stopwatch to time how long it takes for the hopper to fully evacuate.

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 unit be calibrated before use.

### Calibration Guide

Product	Rate (Kg/minute)	Shutter Setting (Lever Position)
Maize	8	5
Maize	26	9
Wheat	11	5
Wheat	30	9
Oats	8	5
Oats	27	9

## OPERATING THE UNIT

When the Feeda has been correctly calibrated, the hopper may be filled to the required level and used.

## WARNING

To prevent damage to the Feeda do not tow the unit at speeds in excess of 15 Kph.

To prevent inadvertent operation of the shutter while the unit 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 unit is operated over rough ground, the Shutter Control Handle friction may be increased by tightening the adjustment nut at the bottom of the Handle.

### **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 Inex Feeda.

## **Before Use**

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

Check the hopper to ensure that no debris is inside.

## **After Each Use or Daily when in Use**

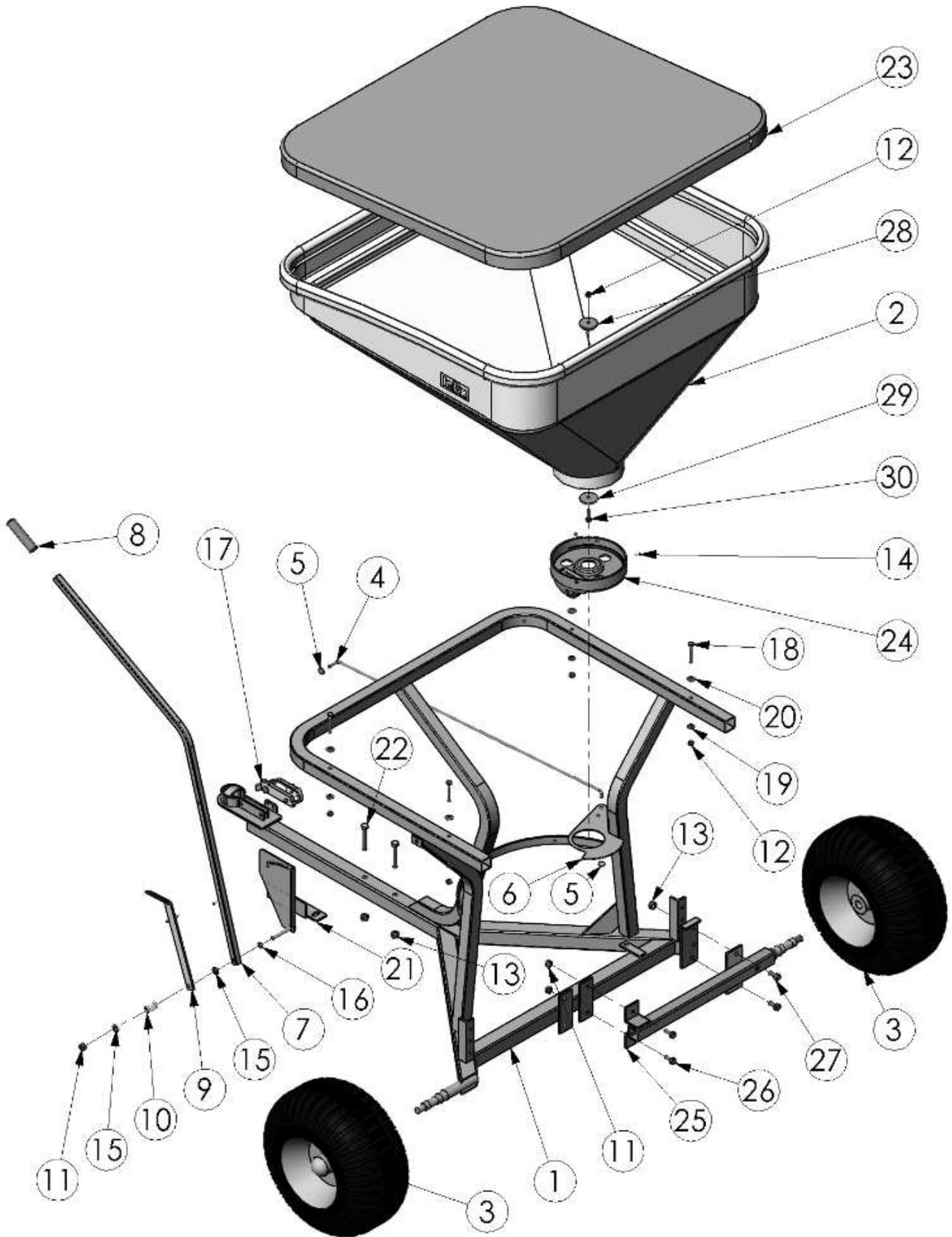
Remove all traces of product from the Feeda by brushing or washing. Pay particular attention to areas where product has accumulated and built up. Remove by scraping if necessary taking care not to damage the surface finish of the unit or its components.

If washing do not direct high-pressure water onto the wheel bearing seals.

After washing, apply water displacing fluid such as WD 40 or LPS3 to all metal parts.

Check for damaged or worn components and replace as required.

# PARTS DIAGRAM



## PARTS LIST

<b>3019 – INEX Stock Feeda</b>			
Item No.	QTY.	Part No.	e9 description
1	1	3500-5600	Frame-Spreader-CDIT300GT-GL
2	1	7500-2120	Rota-Hopper-Spreader 300 -Natural-MDPE-In-Ex
3	2	9200-8700	Wheel-Turf-Bearing-18x950x8-4 Ply
4	1	5050-7940	Arm-Shutter-CDIT-300GD
5	2	3230-0008	Fastener-Retainer Cap-Starlock-8mm-Nickle Plated
6	1	6500-7770	Profiled-Shutter-CDIT300/400,165L-Spreader-Stainless
7	1	4050-1600	Handle-In-Ex Spreader 300-ZP
8	1	3865-3800	Grip-Handle-7/8"-PVC-Black-Plastic
9	1	4050-4200	Handle-Indicator-In-Ex 300-ZP
10	1	8250-1800	Spring-Compression-Crinkle Plate-ZP
11	3	3170-0010	Fastener-Nut-Nyloc-M10-ZP
12	5	3170-0008	Fastener-Nut-Nyloc-M8-ZP
13	4	3170-0012	Fastener-Nut-Nyloc-M12-ZP
14	3	3270-8012	Fastener-Self Tap-Screw-CSK-8Gx1/2"-Pozi-Stainless
15	2	3310-6010	Fastener-Washer-Flat-M10-ZP
16	1	3320-7010	Fastener-Washer-Shakeproof-External Star-M10-ZP
17	1	8800-3800	Tow-Coupling-Handle-Double Ended-1 78 x 50mm-ZP
18	4	2810-0860	Fastener-Bolt&Nut-Hex-304 Grade-M8x60-Stainless
19	4	3310-6008	Fastener-Washer-Flat-M8-ZP
20	4	3310-2809	Fastener-Washer-Flat-M8x22x1.5-Grade 316-Stainless
21	1	5245-3905	Mount-Handle-Spreader 300-ZP
22	2	3290-1275	Fastener-Set Screw-Hex-8.8 Grade-M12x75-ZP
23	1	2250-4100	Cover-Hopper-Silver Fabric-Spreader CDIT300
24	1	7500-2833	Rota-Spout-Counter-Clockwise-Natural-MDPE
25	1	1082-8400	Axle-Feeda-Bolt On-GL
26	2	3290-1025	Fastener-Set Screw-Hex-8.8 Grade-M10x25-ZP
27	2	3290-1225	Fastener-Set Screw-Hex-8.8 Grade-M12x25-ZP
28	1	5200-6480	Machined-Plug-Round-50ODx8ID-With Shoulder-Nylon-TOP
29	1	5200-6482	Machined-Plug-Round-50ODx8ID-Nylon-BOTTOM
30	1	3290-0830	Fastener-Set Screw-Hex-8.8 Grade-M8x30-ZP