



Manufacturers of Agricultural Machinery

## Parts Catalogue



## Vertical Feeder

**Models:**

**V7, V10, V12, V14, V16**

**T14, T16, T20, T24, T27, T32, T35**

rev – vf104

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## Introduction

### When ordering parts:

- Quote Machine Serial Number and Model.
- Quote the complete Part Number and Description.
- State the means by which you require delivery, whether by C.O.D post or delivery through our dealer network.
- Where reference is made to Left and Right, this should be understood to mean left or right when the machine is viewed from the rear.

### Safety First:

Use only genuine Hi-Spec spare parts for this machine. Use of spare parts not supplied or recommended by Hi-Spec could result in injury to the operator or damage to the machine, and invalidate the warranty.

### NOTE:

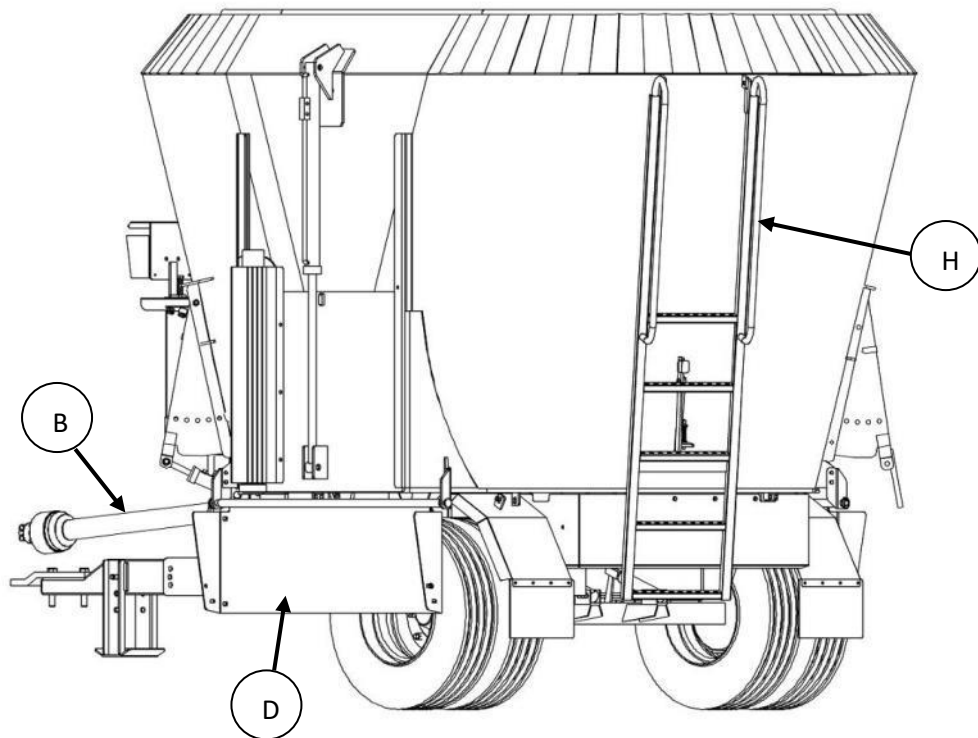
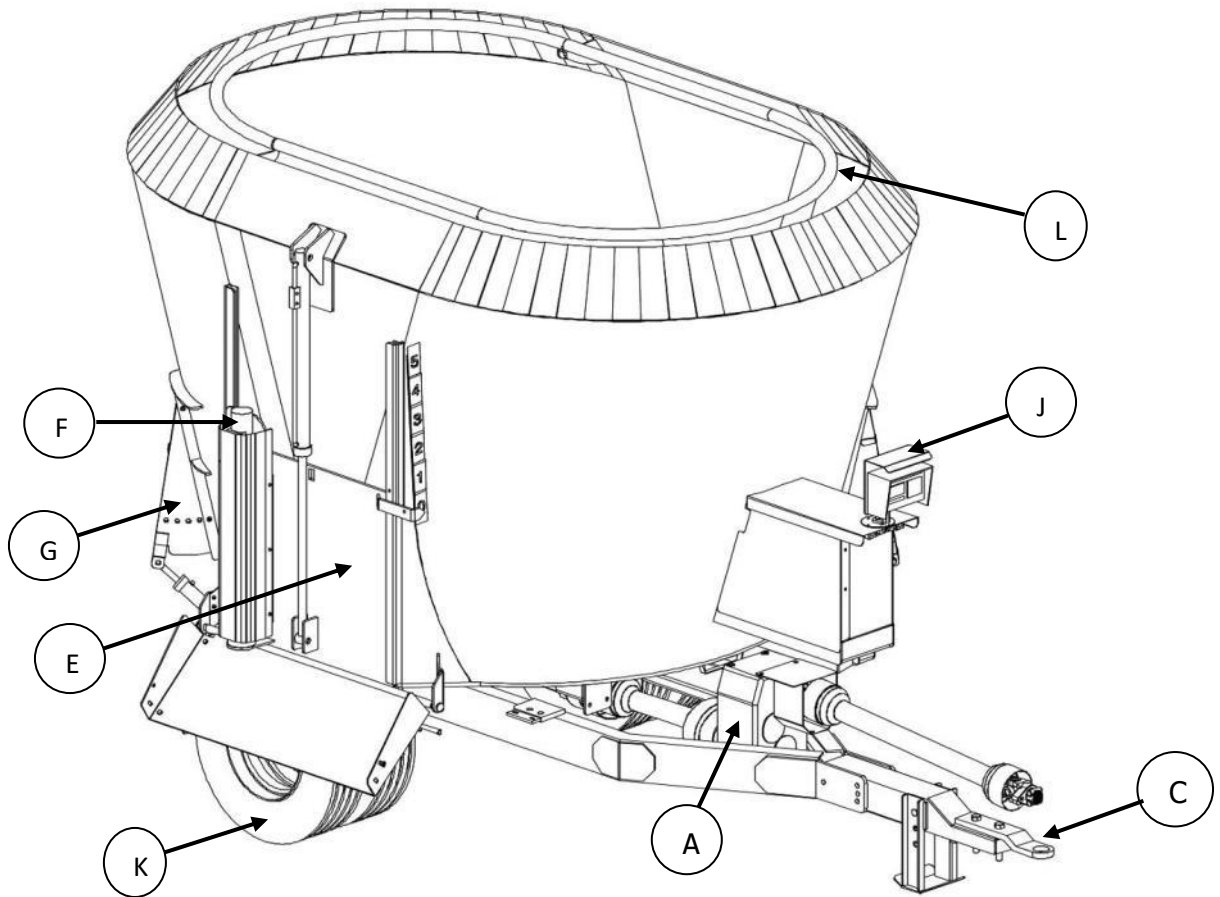
- The illustrations in this book are for identification purposes only.
- Hi-Spec Engineering reserves the right to make changes or improvements at any time without incurring any obligation to make such changes on products sold previously.

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## Layout of Vertical Feeders





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## Gearboxes & Drive Shafts

Gearbox Type	Part No.	Description
Comer PGA1602	VF/1602 VF/16021	Auger gearbox for V10/12 Auger gearbox for V7/T14/16/20
Comer PGA 2502	VF/2502	Auger gearbox for V14/16
Comer C3A	VF/16041	Two-speed
Comer PGA2103		Auger gearbox for T27 & T32 V10/12 direct drive

## PTO Shafts - V Models (Single auger)

PTO Type	Part No.	Description
T60 (Z6/Z6 collars)	VF/0043	Tractor to feeder (All V models)
T80 (Z20/Z20 collars)	VF/0045	V10/12/14/16 with two-speed
T80 (Z6/Z20 collars)	VF/0047	V10/12/14/16 without two-speed

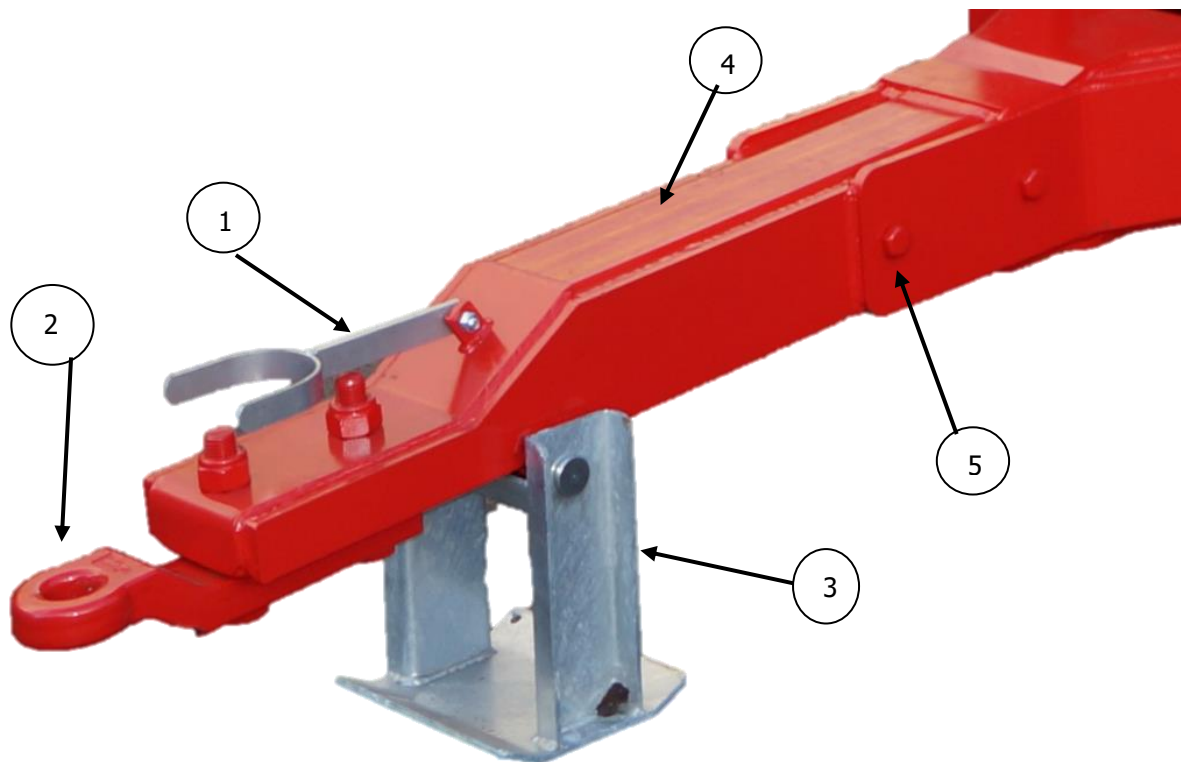
## PTO Shafts - T Models (Twin augers)

PTO Type	Part No.	Description
T80 (Z6/Z6 collars)	VF/0040	Tractor to feeder T14/16/20/24
T80 (Z20/Z20 collars)	VF/0041	Two-speed to 1 <sup>st</sup> auger T20/T24
T60 (Z20/Z20 collars)	VF/0042	1 <sup>st</sup> Auger to 2 <sup>nd</sup> auger T20/T24

Guide to PTO shaft components on page

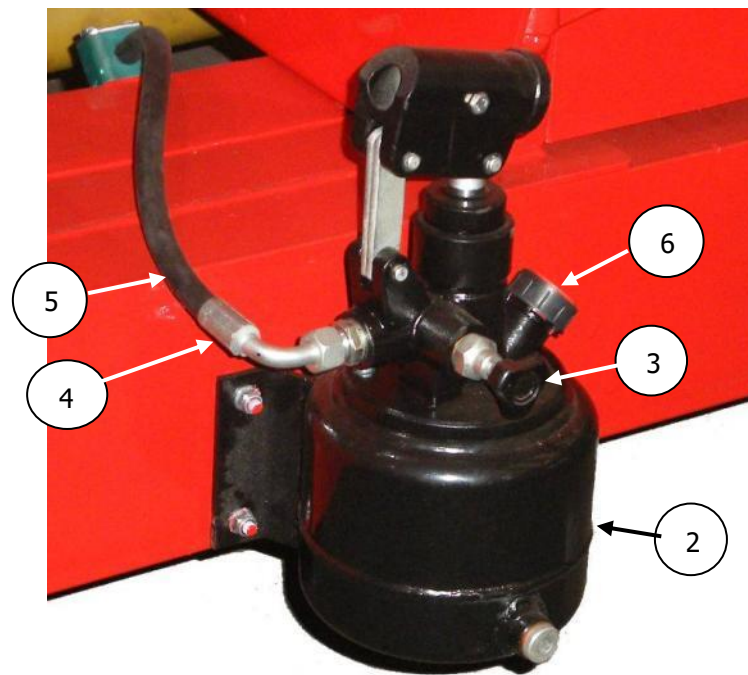
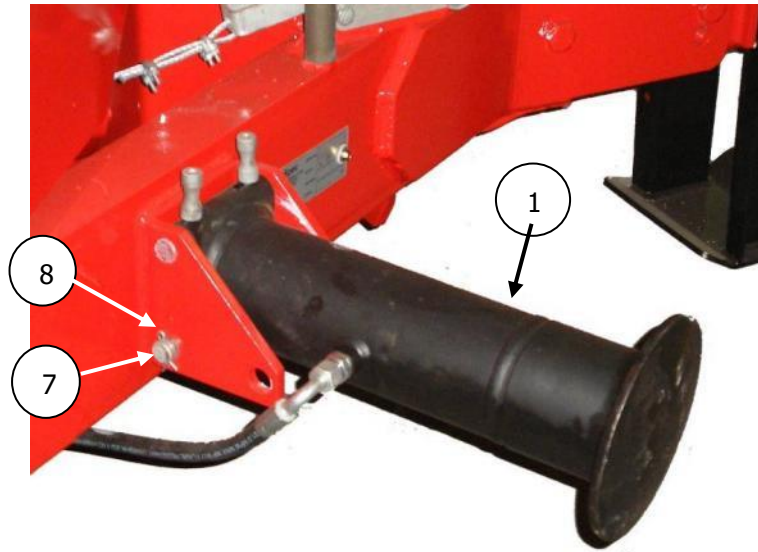


## Drawbar



	Part No.	Description
1	MM/620	PTO Stand
2	MM/920 MM/9207	Hitch 40mm Cranked Hitch
3	VF/0092	Drawbar stand
4	VF/0093	Drawbar complete
5	GP/10631 GP/10102	M20X210 bolt M24X220 bolt

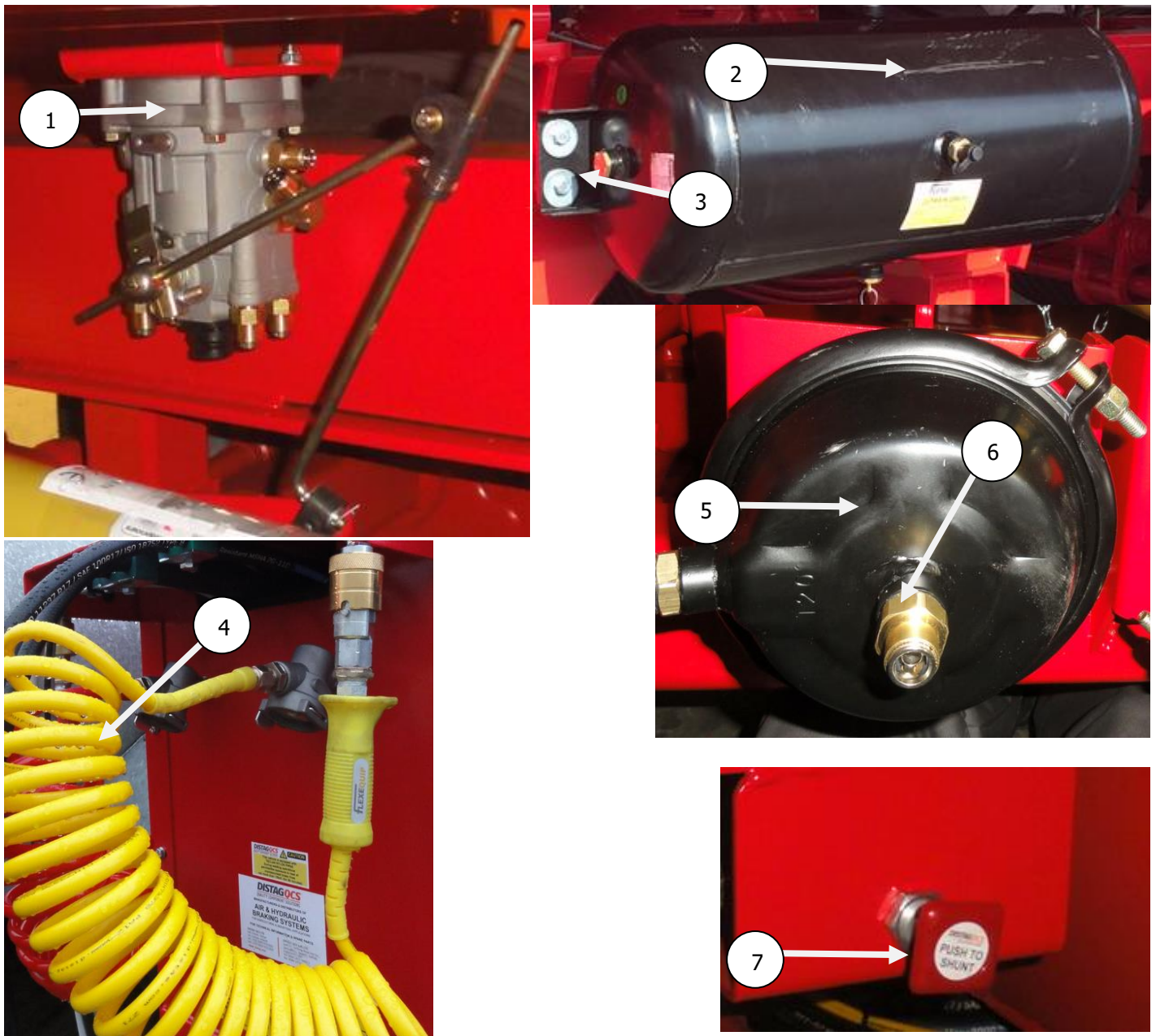
## Hydraulic Stand



	Part No.	Description
1	MM_00020	Stand
2	MM_00021	Reservoir Tank
3	MM_00022	Return valve screw
4	MM_00023	Hose connector
5	MM_00024	Hose
6	MM_00025	Reservoir Cap
7	MM_00026	Shaft
8	MM_00027	Clip
9	MM_00057	Pump Handle
	<b>MM_661</b>	<b>COMPLETE KIT</b>

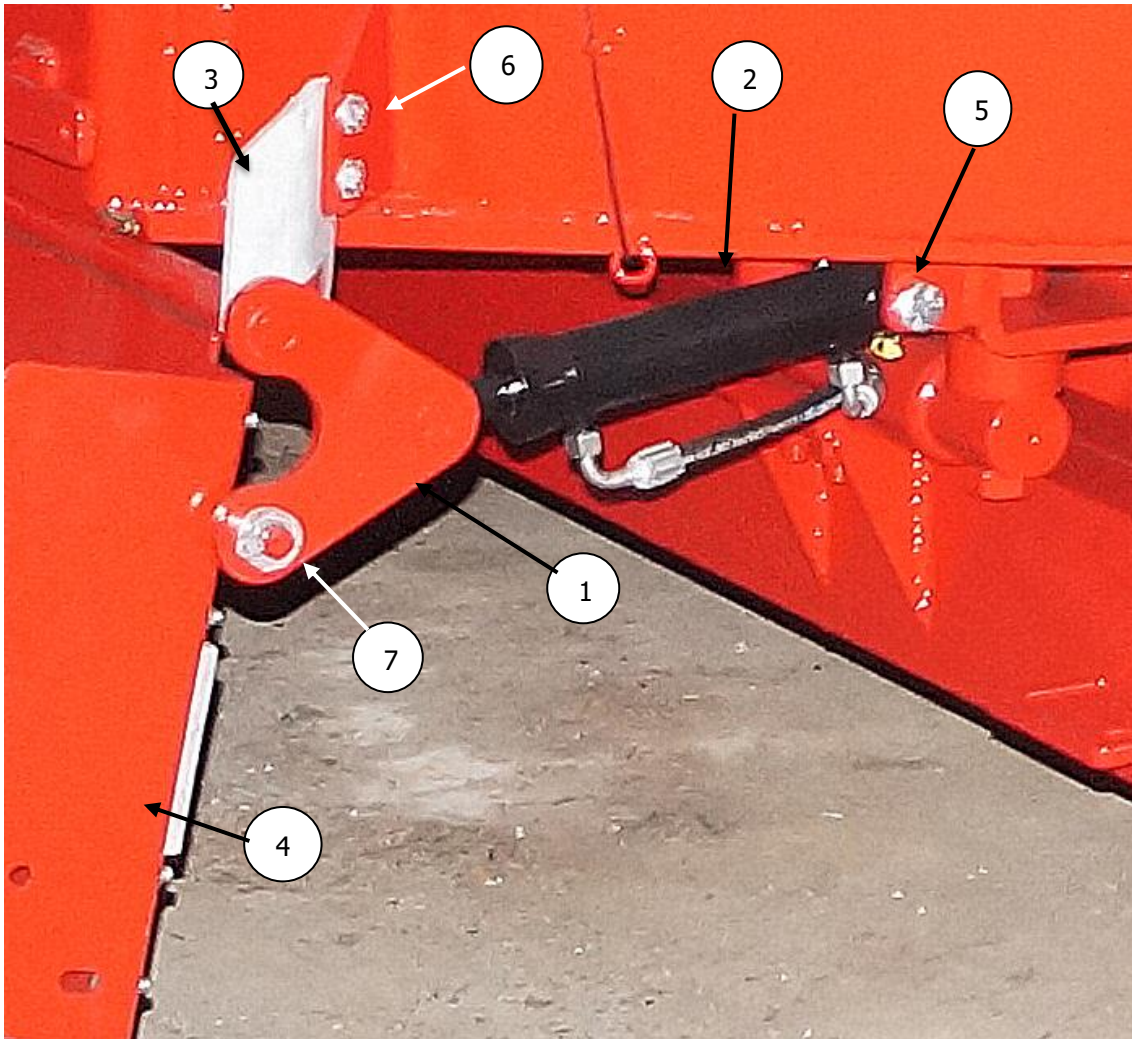


## Air Brakes



	Part No.	Description
1	GP/00007	Relay valve with load sensing
2	GP/00011	Air tank
3	GP/1017	M10 x 50 bolt, nut & washer
4	GP/00008	Service line (yellow)
	GP/00007	Emergency line (red)
5	AXL/0028	Brake chamber
6	DS/0193	Straight stud air fitting
7	AXL/0028	Push to shunt valve

## Hydraulic Chute

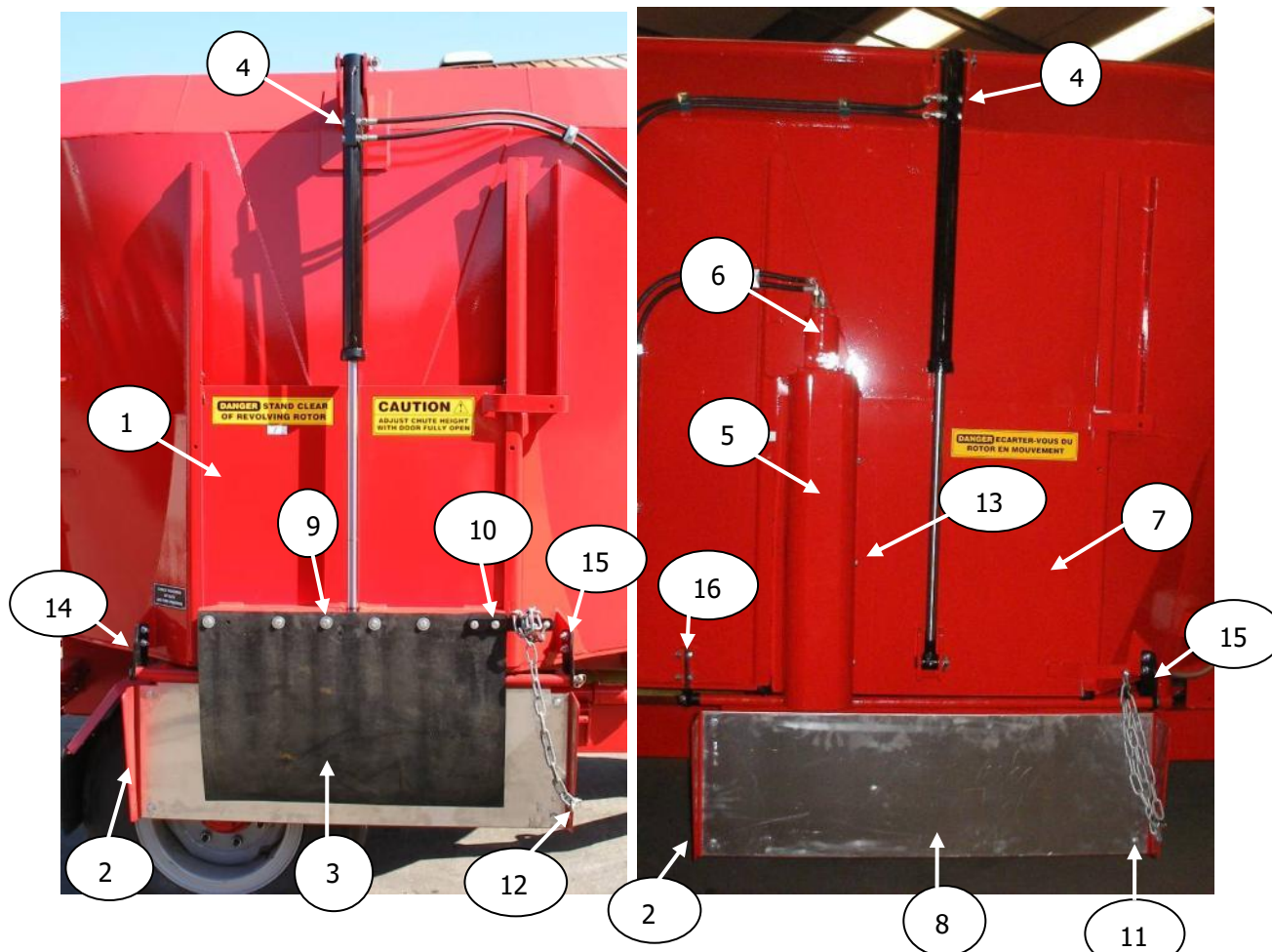


	Part No.	Description
1	VF/00119	Hydraulic ram bracket
2	MM/7110	Hydraulic ram
3	VF/0095	Chute bracket (standard and power chute)
4	VF/0096	Chute
5	GP/10671	M20x120 Bolt & Nut
6	GP/1023	M12x40 Bolt & Nut & 2 washers
7	GP/2062	Linchpin

## Doors

Pre-2009

2009 onwards



	Part No.	Description
<b>1</b>	VF/0097	Complete door
<b>2</b>	VF/0096	Standard chute
<b>2b</b>		V7 Chute
<b>3</b>	VF/127	Rubber door flap
<b>4</b>	BM/017	Hydraulic ram (HS25)
<b>5</b>	VF/0098	Teaser Cover
<b>6</b>	BM005N	Teaser motor
<b>7</b>	VF/00971	Complete Door
<b>8</b>	MM/00004	Aluminium Panel
<b>8b</b>		V7 Aluminium panel
<b>9</b>	GP/1023	M12x40 bolt, nut & washer
<b>10</b>	GP/1024	M12x50 bolt, nut & washer
<b>11</b>	GP/1021	M12x30 bolt, nut & washer
<b>12</b>	GP/1022	M12x35 bolt, nut & heavy washer
<b>13</b>	GP/1014	M10x25 bolt & nut
<b>14</b>	VF/0167	Chute mounting bracket A (single auger)*
<b>15</b>	VF/0168	Chute mounting bracket*
<b>16</b>	VF/0169	Chute mounting bracket B (twin auger)*

\*state door position when ordering

## Rear Side - Facing Doors (Optional)



	Part No.	Description
1	VF/0030	Hydraulic ram for door
2	VF/00100	Left rear door
3	VF/00101	Left slide assembly
4	VF/00102	Right slide assembly
5	VF/00103	Right rear door
6	GP/0115	L.E.D lights
7	VF/127	Rubber flap
8	GP/1023	M12 x 40 bolt, nut and washer

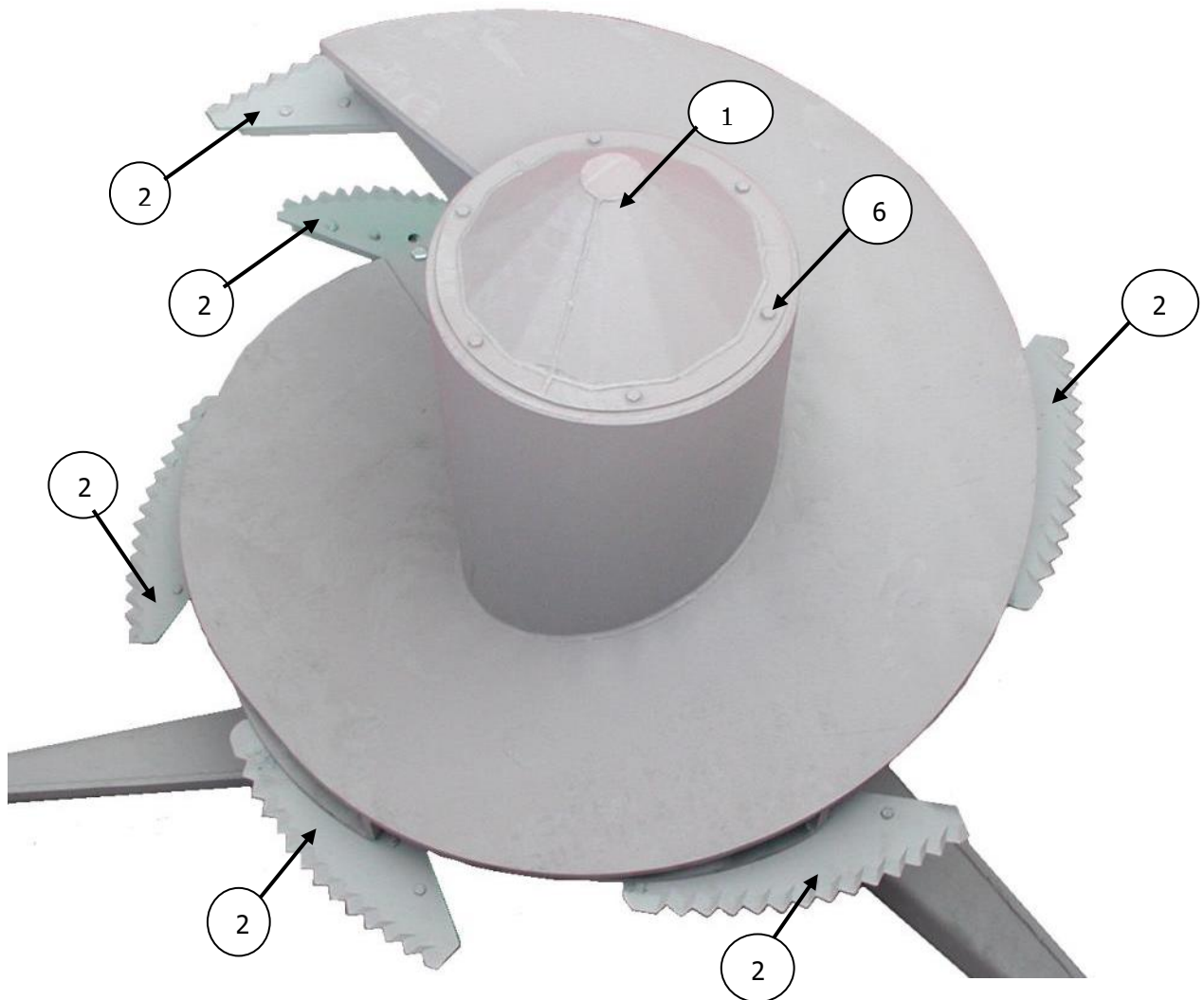
## Centre Back Door



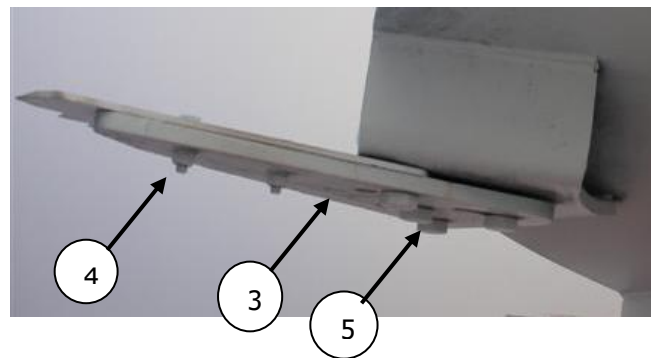
	Part No.	Description
1	BM/017	Hydraulic ram for door
2	VF/0105	Rear door
3	VF/0106	Rear rubber flap
4	GP/1023	M12x40 Bolt, Nut and Washer
5	GP/12116	Door indicator cable
6	VF/0170	Optional fixed rear chute (not shown)

## Augers (Before September 2008)

Models VTF10 / 12 / 14 / 16 / T20 / T24

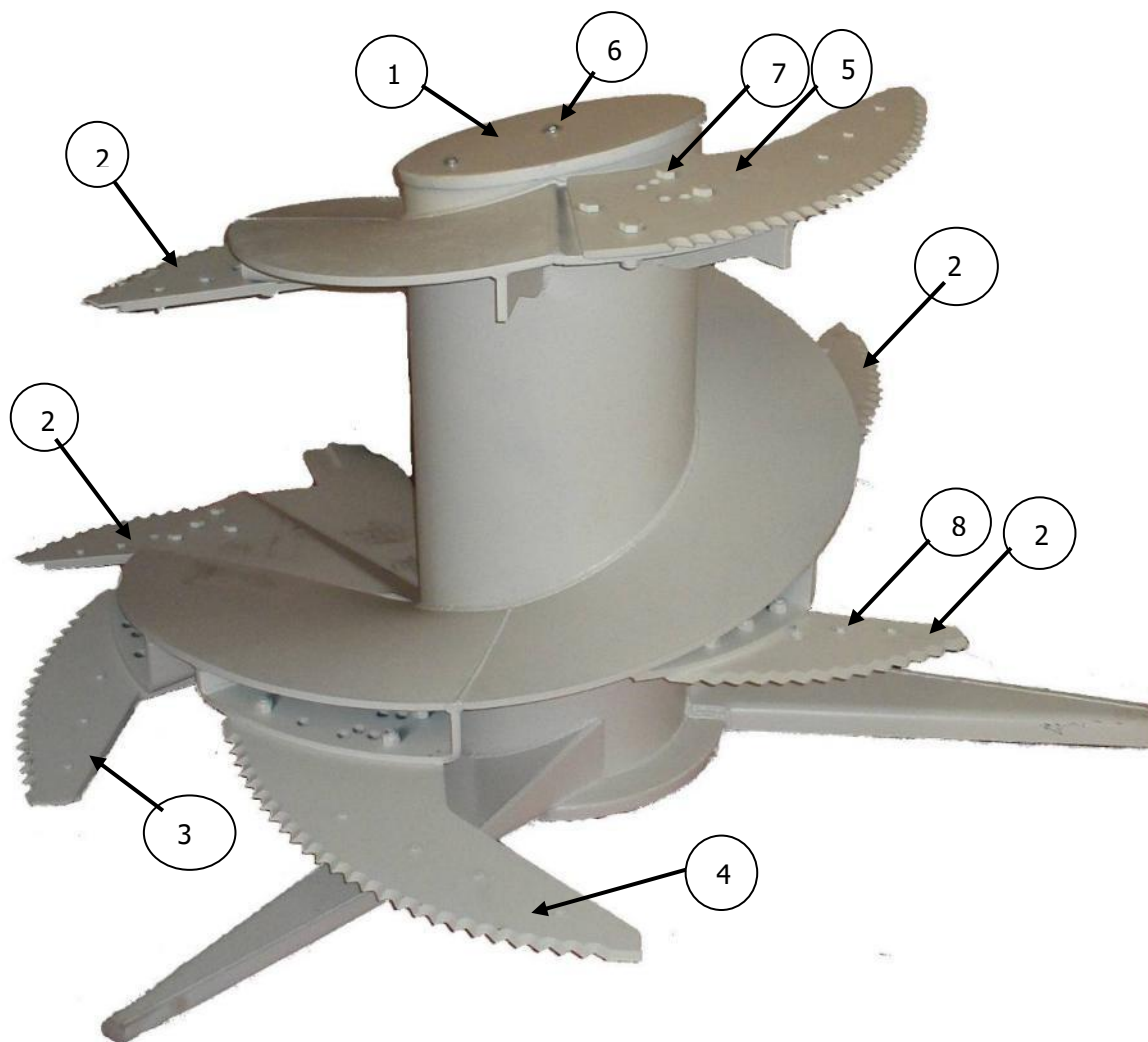


	Part No.	Description
	VF/0025	Complete Auger (please state machine model and year)
1	VF/0058	Auger Cap
2	VF/0009	Small Knife
3	VF/0021	Small Knife Support Plate
4a	GP/1016	M10x40 Bolt
4b	GP/1097	M10 Nut
5a	GP/1053	M20x60 Bolt
5b	GP/1100	M20 Nut
6	GP/1015	M10x30 Bolt



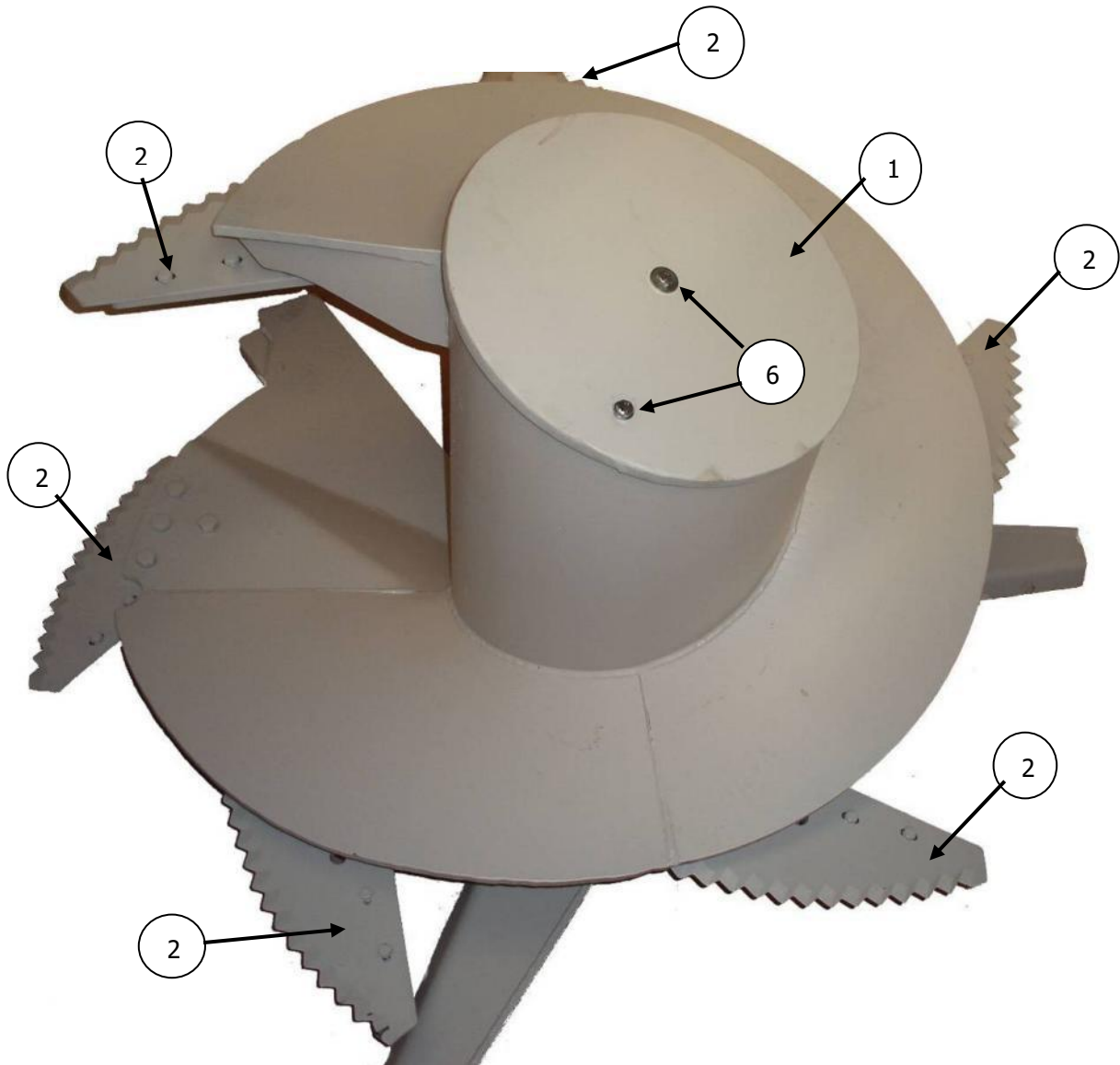
## Augers (September 2008 – October 2011)

Models VTF10 / 12 / 14 / 16 / T20 / T24

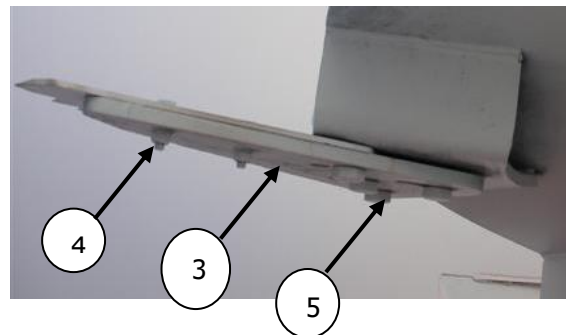


	Part No.	Description
	VF/0025	Complete Auger (please state machine model and year)
<b>1</b>	VF/0059	Auger cap
<b>2a</b>	VF/0009	Small auger knife
<b>2b</b>	VF/0021	Small Knife Support Plate
<b>3a</b>	VF/0068	Auger knife 1
<b>3b</b>	VF/0068s	Auger knife 1 Support Plate
<b>4a</b>	VF/0069	Auger knife 2
<b>4b</b>	VF/0069s	Auger knife 2 Support Plate
<b>5a</b>	VF/0070	Auger knife 3
<b>5b</b>	VF/0070s	Auger knife 3 Support Plate
<b>6</b>	GP/1024	M12x50 bolt & heavy washer
<b>7a</b>	GP/1053	M20x60 Bolt
<b>7b</b>	GP/1100	M20 Nut
<b>8a</b>	GP/1016	M10x40 Bolt
<b>8b</b>	GP/1097	M10 nut

## Augers VTF T14 / T16 (September 2008 – October 2011)

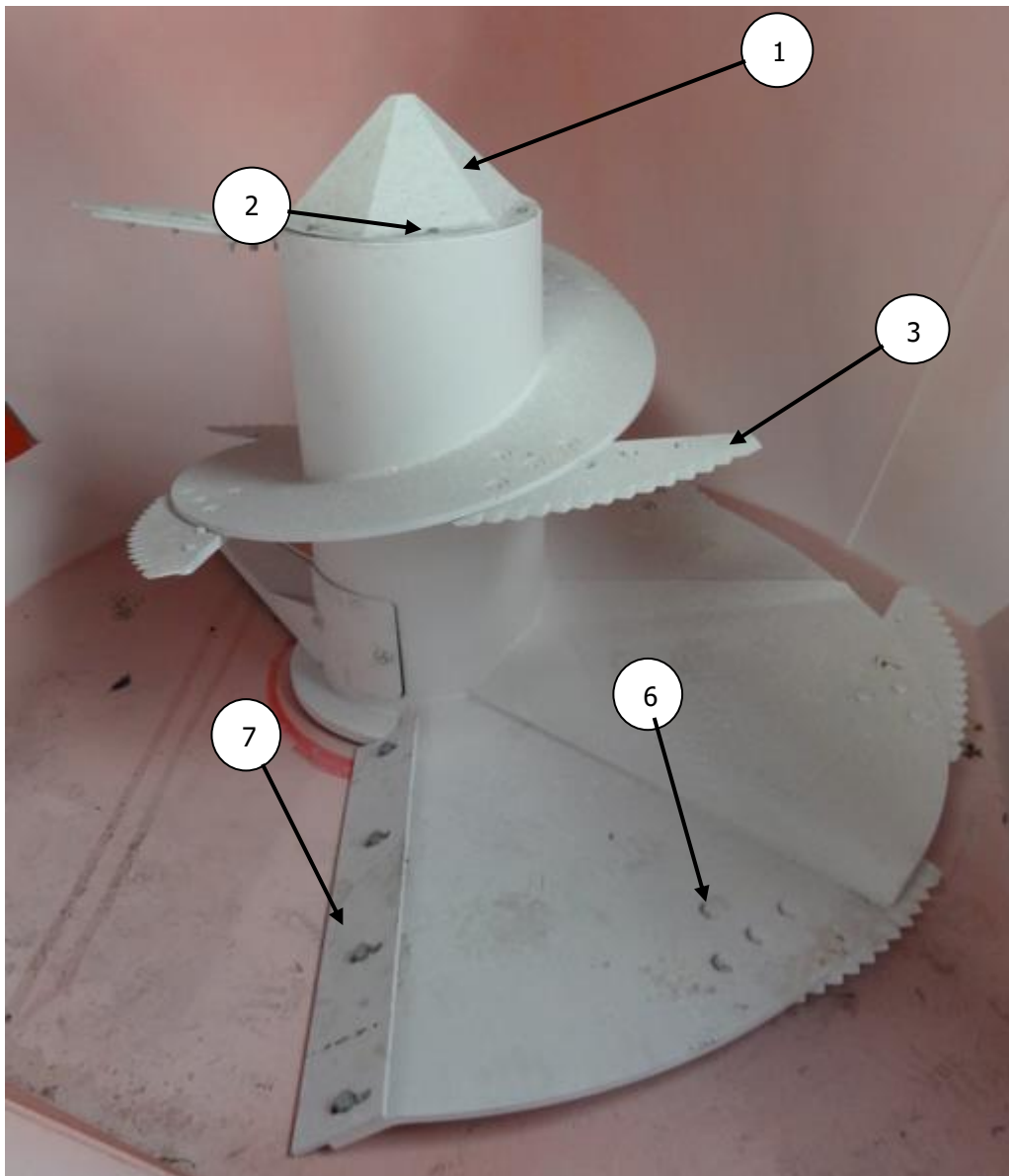


	Part No.	Description
	VF/0025	Complete Auger (please state machine model and year)
1	VF/0059	Auger cap
2	VF/0009	Small knife
3	VF/0021	Small Knife Support Plate
4a	GP/1016	M10x40 Bolt
4b	GP/1097	M10 Nut
5a	GP/1053	M20x60 Bolt
5b	GP/1100	M20 Nut
6	GP/1024	M12x50 bolt and heavy washer

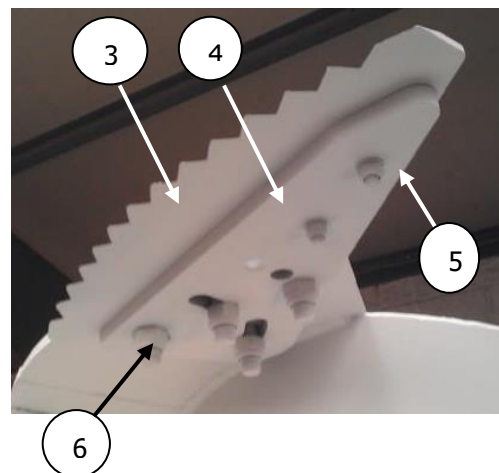




## Augers (as of October 2011)



	Part No.	Description
	VF/0025	Complete Auger (please state machine model and year)
1	VF/0058	Auger cap
2	GP/1015	M10x30 Bolt
3	VF/0009	knife
4	VF/0021	Small Knife Support Plate
5a	GP/1016	M10x40 Bolt
5b	GP/1097	M10 Nut
6a	MM/10551	M20x70 CSK bolt
6b	GP/1100	M20 Nut
7	VF/00251	Adjustable leading edge plate setp



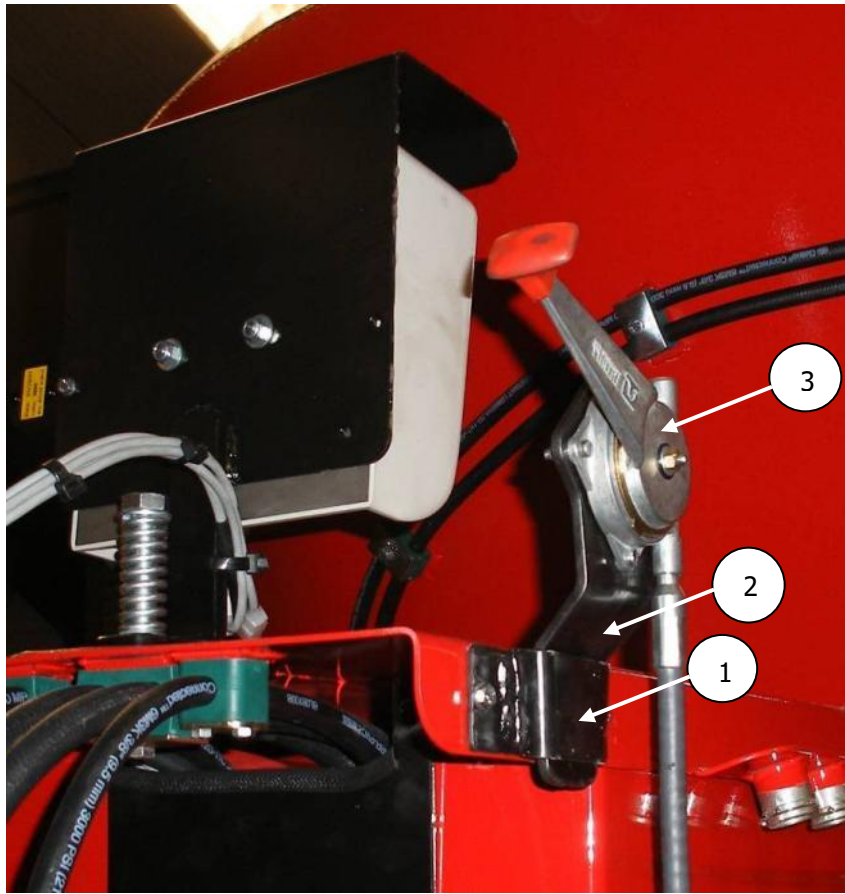
## Auger Layout (Up to October 2011)

<p style="text-align: center;">8 knives</p> <p style="text-align: center;"><b>V10 - V12</b> (single auger)</p>	<p style="text-align: center;">8 knives</p> <p style="text-align: center;"><b>V14 - V16</b> (single auger)</p>		
<p style="text-align: center;">6 knives</p> <p style="text-align: center;"><b>T14 - T16</b> (twin auger)</p>	<p style="text-align: center;">8 knives</p> <p style="text-align: center;"><b>T20 - T24</b> (twin auger)</p>		
<p style="text-align: center;"><b>A</b></p> <p>part no: <b>VF/0009</b></p>	<p style="text-align: center;"><b>B</b></p> <p>part no: <b>VF/0068</b></p>	<p style="text-align: center;"><b>C</b></p> <p>part no: <b>VF/0069</b></p>	<p style="text-align: center;"><b>D</b></p> <p>part no: <b>VF/0070</b></p>

## Auger Layout (After October 2011)

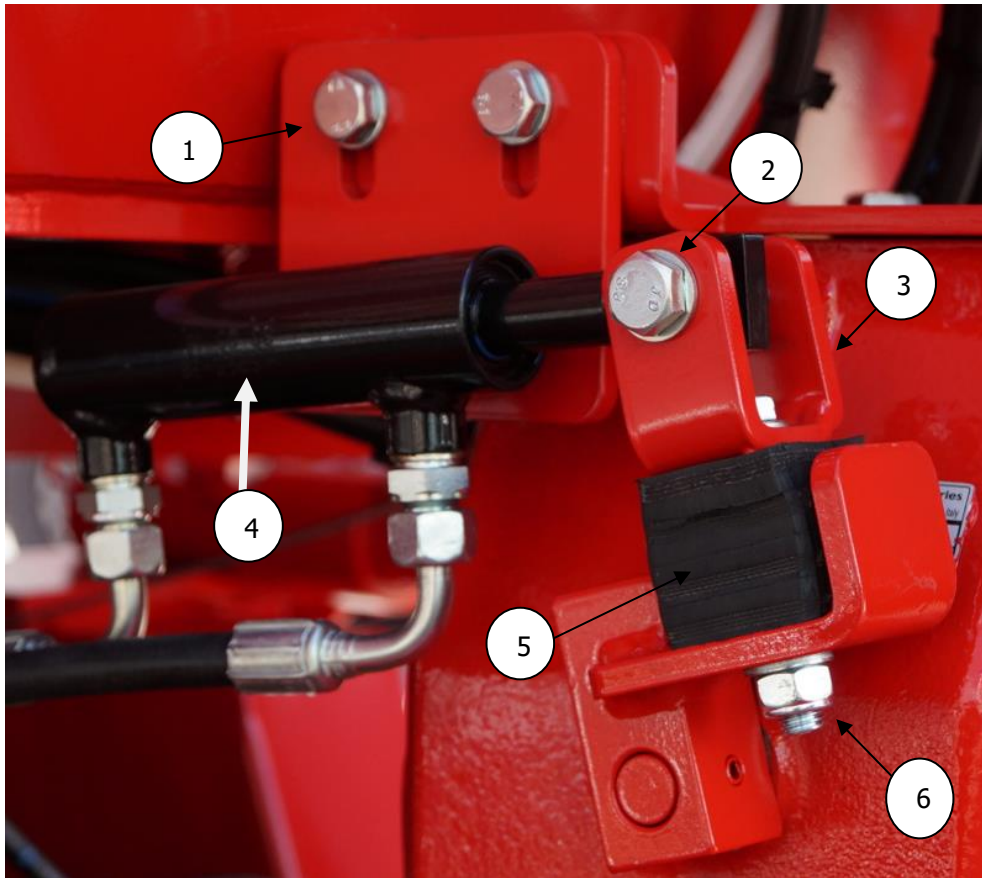
<p style="text-align: right;">9 knives</p> <p style="text-align: right;">9 </p> <p style="text-align: right;">8 </p> <p style="text-align: right;">7 </p> <p style="text-align: right;">6 </p> <p style="text-align: right;">5 </p> <p style="text-align: right;">4 </p> <p style="text-align: right;">3 </p> <p style="text-align: right;">2 </p> <p style="text-align: right;">1 </p> <p style="text-align: center;"><b>V10 - V12</b> (single auger)</p>	<p style="text-align: right;">9 knives</p> <p style="text-align: right;">9 </p> <p style="text-align: right;">8 </p> <p style="text-align: right;">7 </p> <p style="text-align: right;">6 </p> <p style="text-align: right;">5 </p> <p style="text-align: right;">4 </p> <p style="text-align: right;">3 </p> <p style="text-align: right;">2 </p> <p style="text-align: right;">1 </p> <p style="text-align: center;"><b>V14 - V16</b> (single auger)</p>
<p style="text-align: right;">7 knives</p> <p style="text-align: right;">7 </p> <p style="text-align: right;">6 </p> <p style="text-align: right;">5 </p> <p style="text-align: right;">4 </p> <p style="text-align: right;">3 </p> <p style="text-align: right;">2 </p> <p style="text-align: right;">1 </p> <p style="text-align: center;"><b>T14 - T16</b> (twin auger)</p>	<p style="text-align: right;">9 knives</p> <p style="text-align: right;">9 </p> <p style="text-align: right;">8 </p> <p style="text-align: right;">7 </p> <p style="text-align: right;">6 </p> <p style="text-align: right;">5 </p> <p style="text-align: right;">4 </p> <p style="text-align: right;">3 </p> <p style="text-align: right;">2 </p> <p style="text-align: right;">1 </p> <p style="text-align: center;"><b>T20 - T24</b> (twin auger)</p>
<p>part no: VF/0009</p>	

## Push - Pull Mechanism



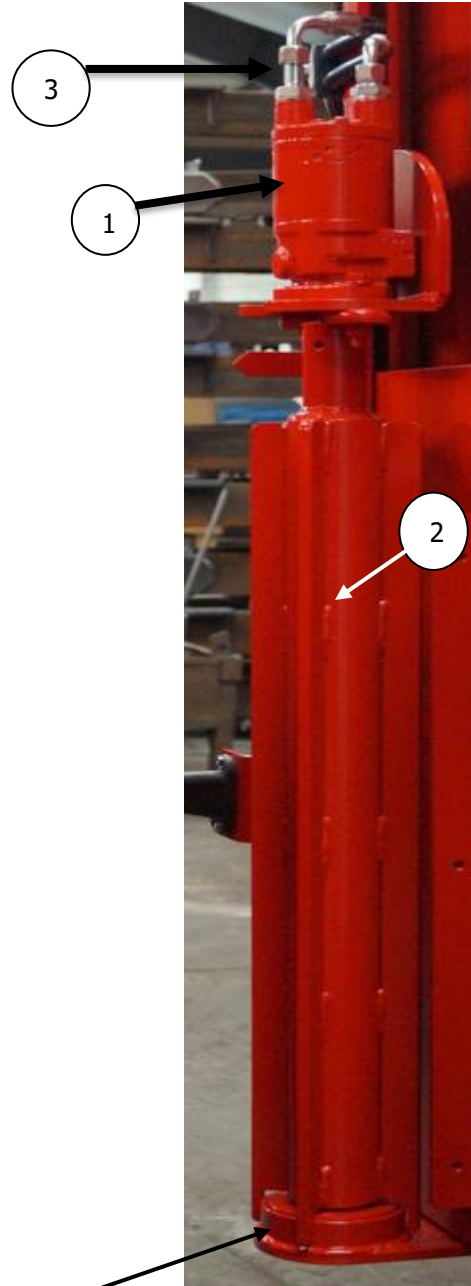
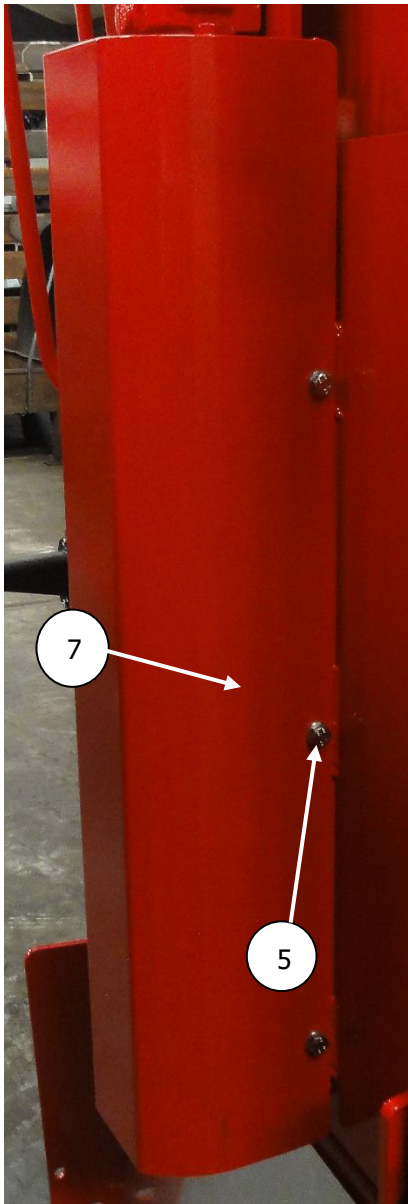
	Part No.	Description
1	VF/0148	Bracket A
2	VF/0171	Bracket B
3	VF/0086	Handle and Hose
4	VF/0172	Bracket C
5	VF/0086	Cable

## Hydraulic Changeover



	Part No.	Description
1	GP/1021	M12x30 bolt, nut & washer
2	GP/1027	M12x70 bolt, nut & washer
3	VF/00107	U bracket
4	VF/00108	Hydraulic ram
5	VF/00109	Rubber bushing
6	GP/1020	M10x80 bolt, nut & washers

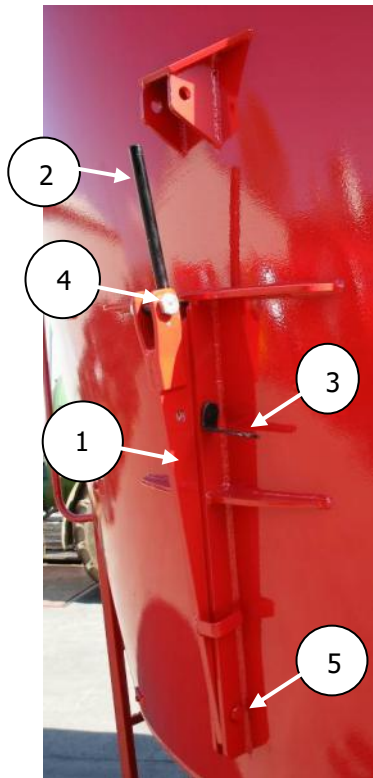
## Teaser



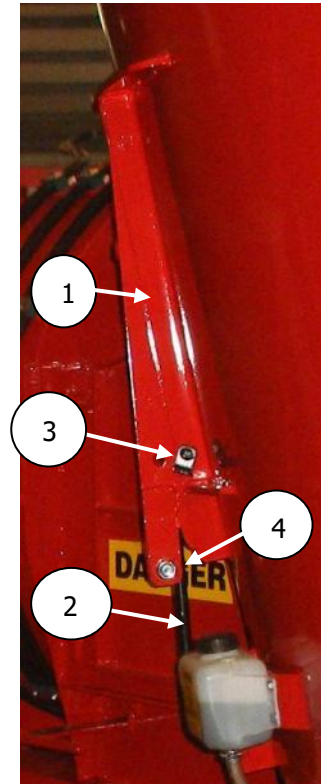
	Part No.	Description
1	BM005N	Hydraulic teaser motor
2	VF/0099	Teaser roller
3	GP/2051	Hose connector 3/8"
4	VF/0110	Hose 3/8"
5	GP/1015	M10X30 bolt
6	VF/0079	Teaser Bearing
7	VF/0098	Teaser cover

## Counter Knives

Pre 2008

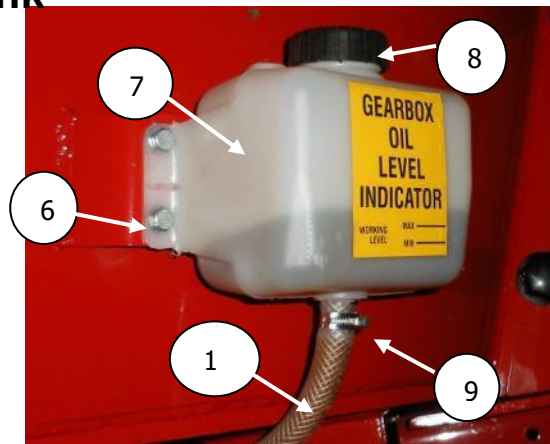


2009 onwards

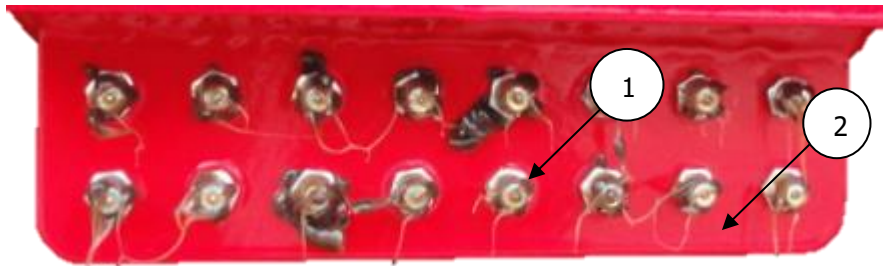


	Part No.	Description
1	VF/0112	Counter knife
2	VF/0017	Manual counter knife handle
3	VF/0113	Locking pin
4	GP/1056	M20x80 Bolt & nut
5	GP/1047	M16x110 Bolt & Nut
6	GP/10062	M8x25 bolt, nut & washer
7	MM/9871	Oil Tank
8	MM/9875	Tank Cap
9	GP/0112	Clip
10	MM/345	Hose (State length required when ordering)

## Gearbox Oil Tank



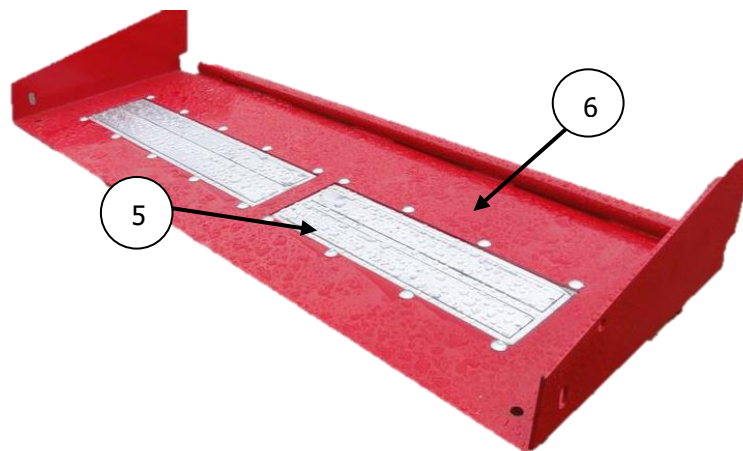
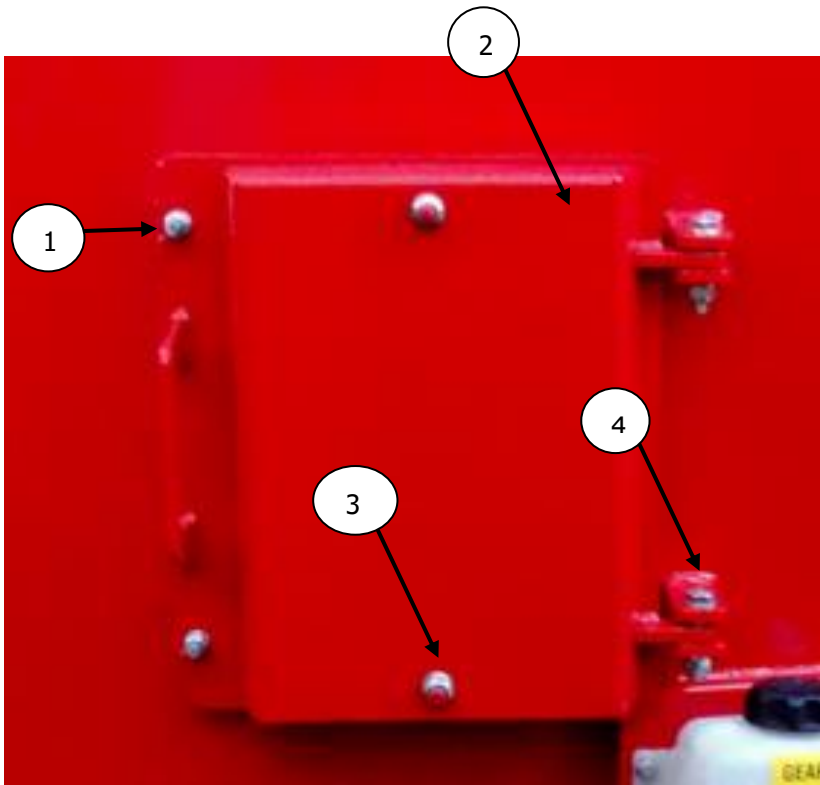
## Central Greasing Unit



	Part No.	Description
1	VT/705	M6 grease nipple
2	VF/00104	Grease bank (state number of grease nipples)
3	MM/100001	High pressure grease line (state length)
4	MM/M8ST	Grease fitting

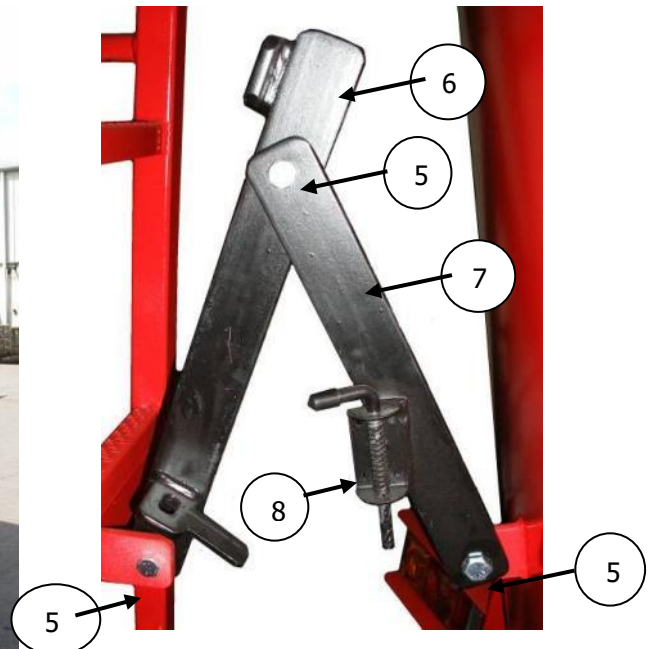
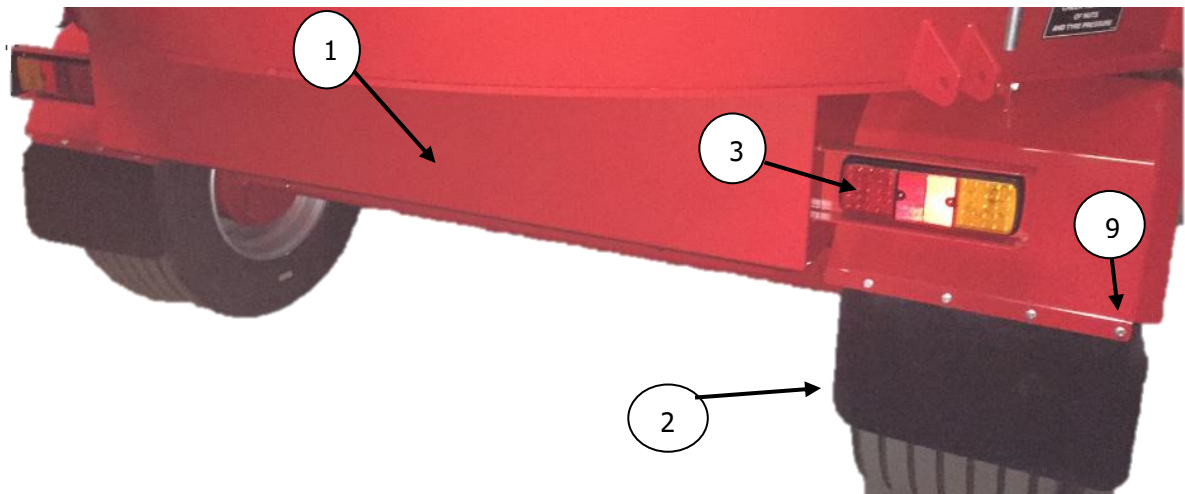


## Magnets



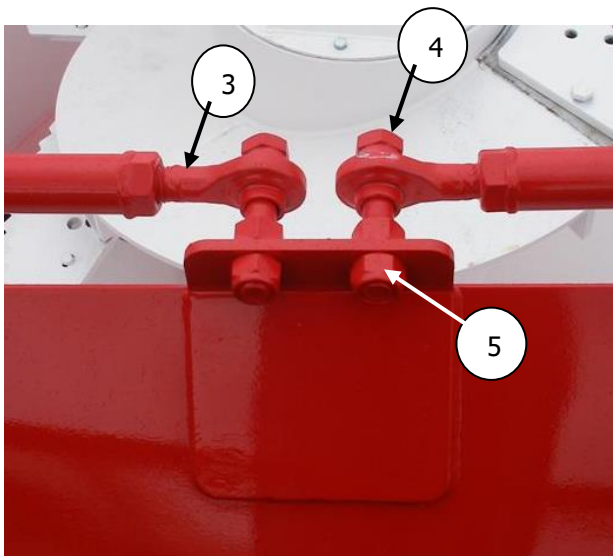
	Part No.	Description
1	GP/1097	M10 Nut
2	VF/0203	Body Magnet
3	GP/1097	M10 Nut
4	GP/1025	M12x60 bolt, nut & washer
5	VF/D/3	Chute magnet
6	VF/0096	chute

## Rear Panel & Ladder



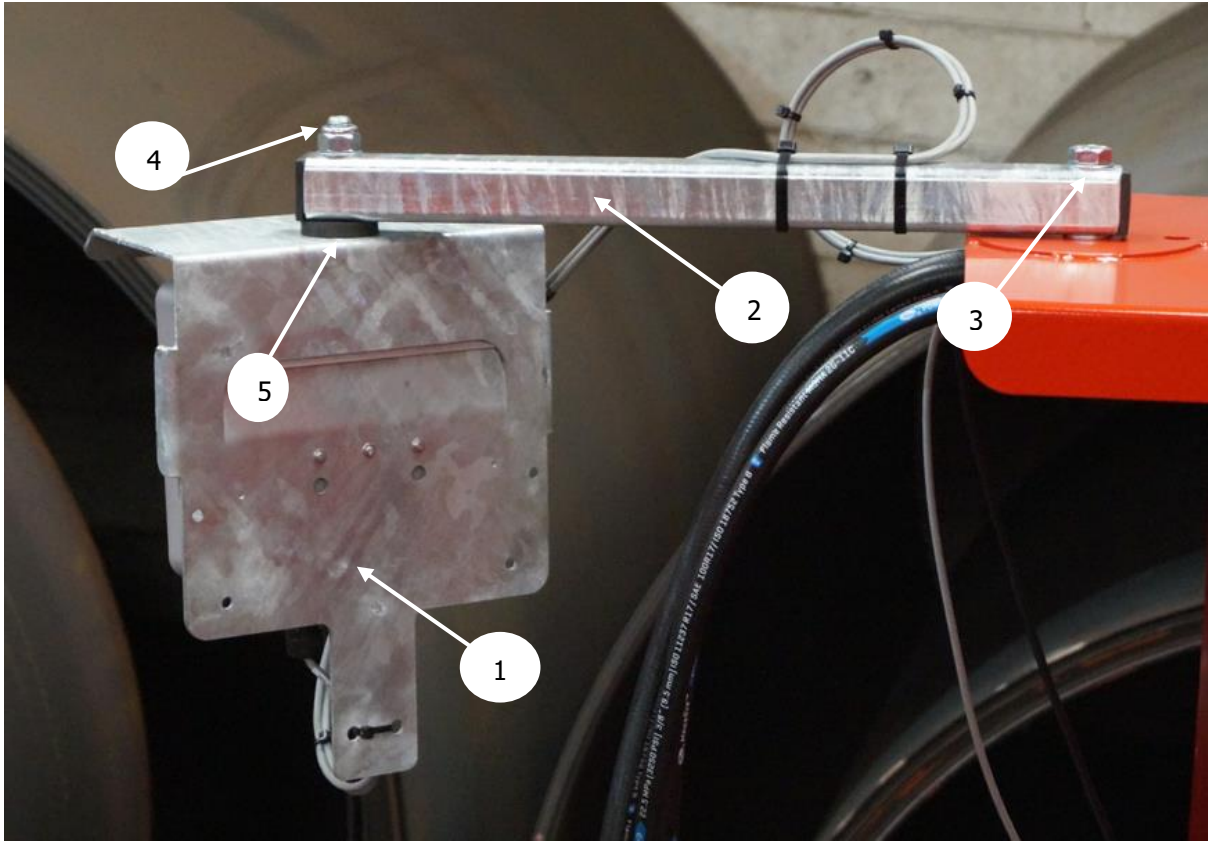
	Part No.	Description
1	VF/0114	Rear panel (please state machine model and tyre size)
2	VF/125	Mud flaps (please state machine model and tyre size)
3	GP/0115	LED Lights
4	VF/0085	Ladder
5	GP/1023	M12x40 Bolt & Nut
6	VF/0115	Ladder Arm A
7	VF/0116	Ladder Arm B
8	GP/326	Spring & Ladder Pin
9	GP/10062	M8x25 bolt, nut & washer

# Top Ring



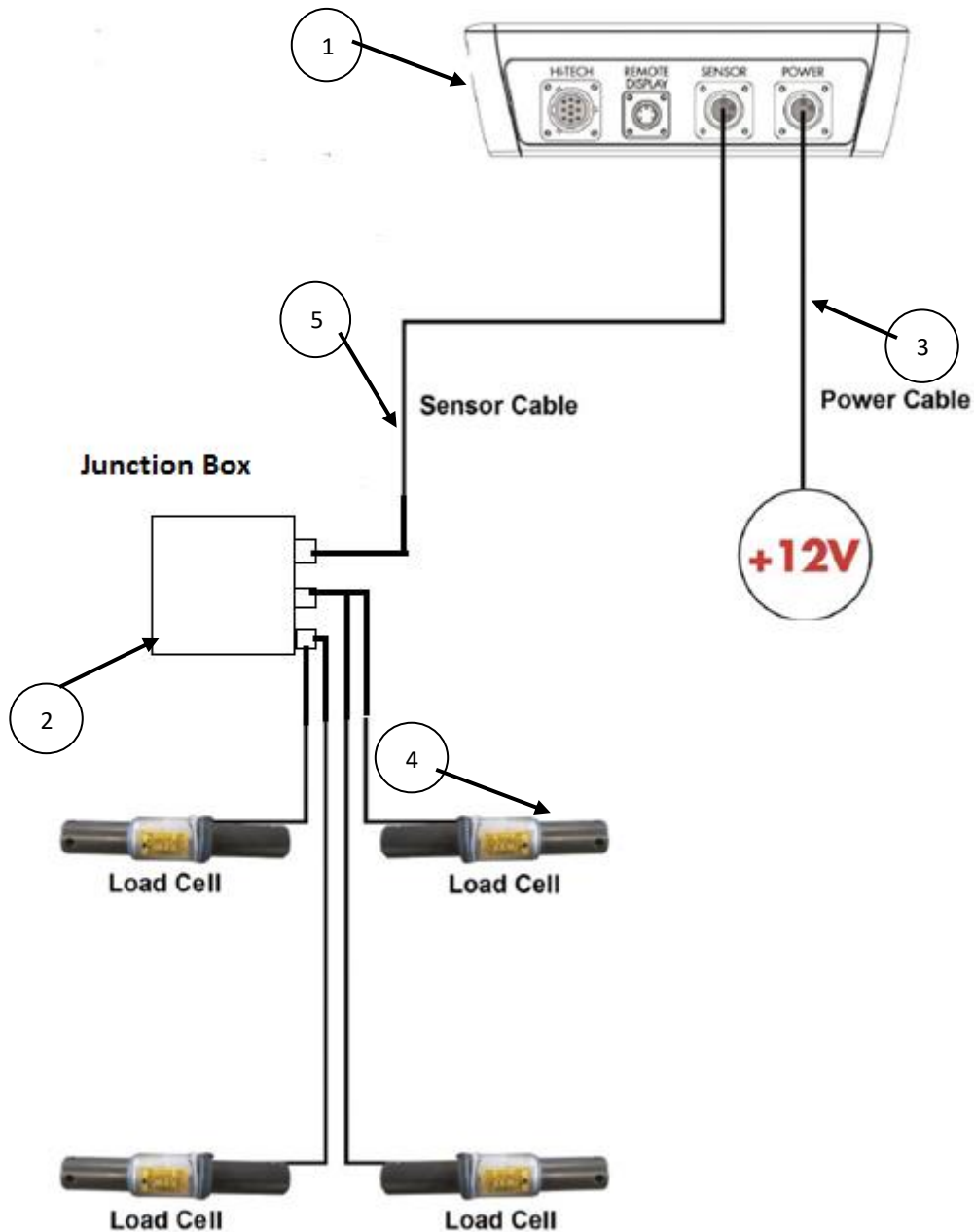
	Part No.	Description
1	VF/0062	Top ring half section
2	MM/2003	Chain
3	VF/0146	Imperial top link end
4	GP/1068	M24x130 Bolt
5	GP/1101	M24 nut
6	VF/00621	Complete top ring

## Weighing System Readout Bracket



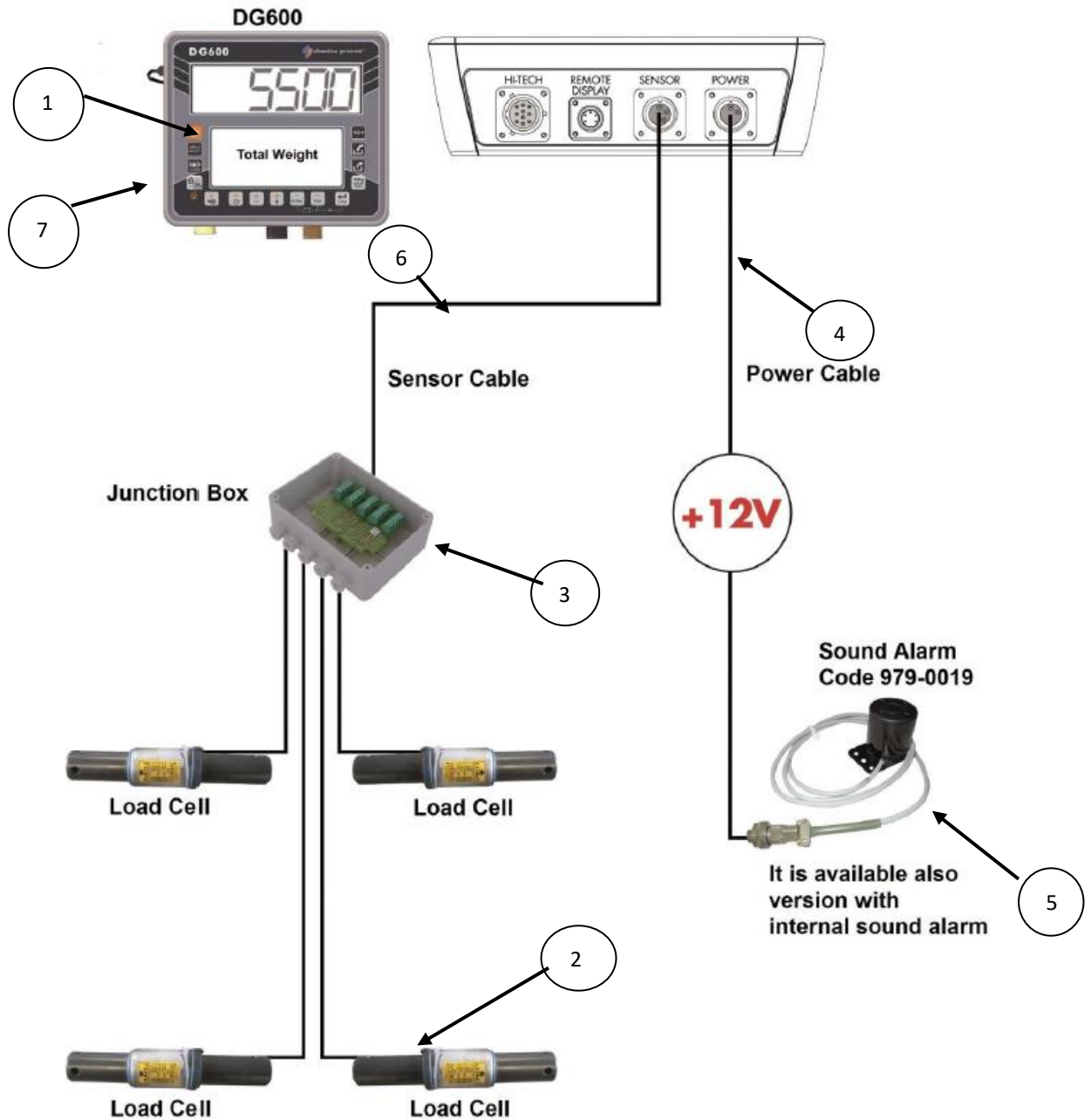
	Part No.	Description
1	VF/0117	Readout bracket
2	VF/00105	Bracket arm
3	GP/10755	M14 x 80 Nut, Bolt & Washer
4	GP/10755	M14 x 80 Nut, Bolt & Washer
5	VF/00106	Rubber washer

## Digi-Star Weighing System



	Part No.	Description
1	/ / MM/5006	F-Star 320 readout EZ 3200 readout EZ 3400V readout
2	MM/5008	Junction box
3	MM/5009	Power cable
4	MM/5005	63mm weighcell
5	MM/1121	Communication cable

## Dinamica Generale Weighing System



	Part No.	Description
1	MM/5045	DG600 display
2	MM/5016	63mm weighcell
3	MM/5013	Junction box
4	MM/5014	8m power cable
5	MM/5021	External siren
6	MM/5015	5m sensor cable

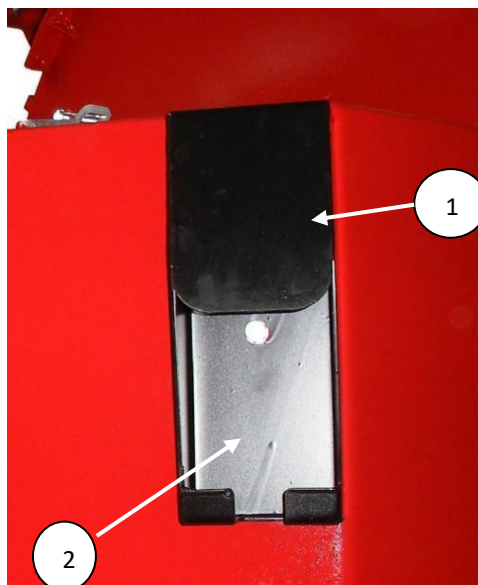
	Part No.	Description	
1	MM/5016	63mm Weighcell	
2	MM/5044	DINA TEL 3 remote	
3	MM/5013	Junction box	
4	MM/5021	Sound alarm	
5	MM/5006	EZ3400V Digi-Star display	
6	MM/5008	Digi-Star 63mm Weighcell	
7	MM/5022	Remote display	

## Dinacom 2

	Part No.	Description	
1	MM/5031	Dinacom2 Hand Control Unit	
2	MM/5032	EV Driver Unit	
3	MM/5014	Sensor junction box	
4	MM/5033	Output Connector	
5	MM/5034	Tractor Bracket	
6	MM/5035	Main Solenoid Connector Cable	









7	MM/503	Communication Cable	
8	MM/5036	Power Cable	
9	MM/5037	Yellow Solenoid Cable	
10	MM5038	Red Solenoid Cable	




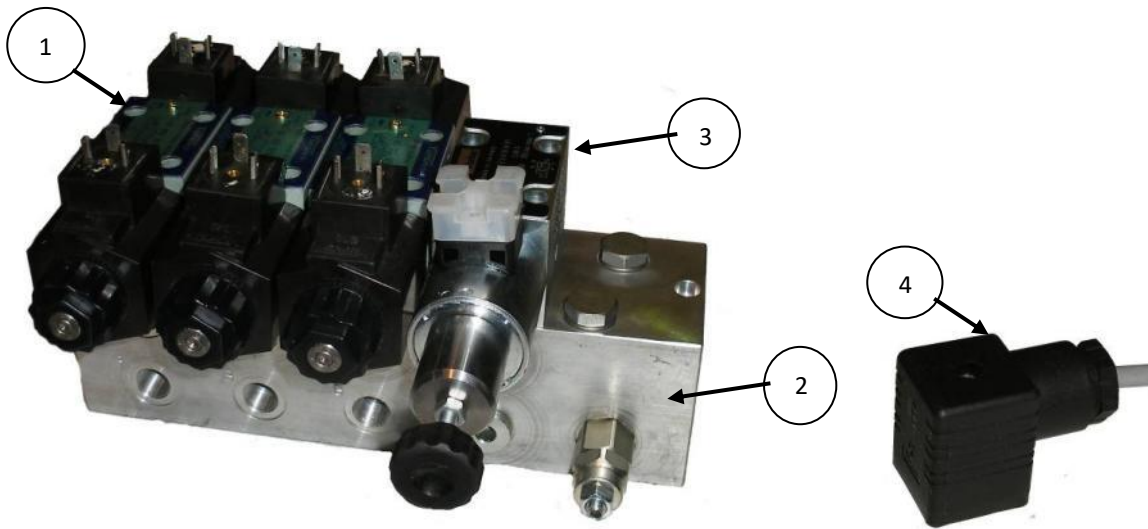
	Part No.	Description
1	MM/5039	Handset holder
2	GP/1015	M10x30 Bolt & Nut

## Hydraulic Fittings and Attachments

	Part No.	Description	
1	MM/5100	Pilot operated check valve	
2	VF/0003	Sequence valve	
3	VF/0004	6 Pole diverter valve	
4	VF/0015	Control panel	
5	MM/H006 MM/H007	3/8" Hose 1/2" Hose  When ordering hose please state length and end fittings required.	
6	GP/2008	1/2" to 3/8" adApter	
7	GP/2000	1/2" Brake Quick Release	
8	GP/2004	1/2" Quick Release Female	
9	GP/2002	1/2" Quick Release Male	

10	MM/3605	Handbrake	
11	GP/0115	L.E.D Brake and indicator light	
12	GP/3505	Junction box	
13	GP/3503	7 Pin plug	
14	VT/0008	Reversing camera	
15	GP/0127	L.E.D spot light	
16	GP/0125	L.E.D strobe lights	
17	GP/645	Number plate holder	
18	GP/0124	L.E.D flashing beacon	

19	GP/0117	L.E.D side light	
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	Part No.	Description
1	MM/3335	Electric Solenoid
2	MM/3339	Valve Block (when ordering, please state number of ports including slave)
3	MM/3338	Slave Valve (screw in for closed centre hydraulics)
4	MM/3340	Solenoid plug
	MM/3333	COMPLETE VALVE
5		Electronic switch box (state serial number)

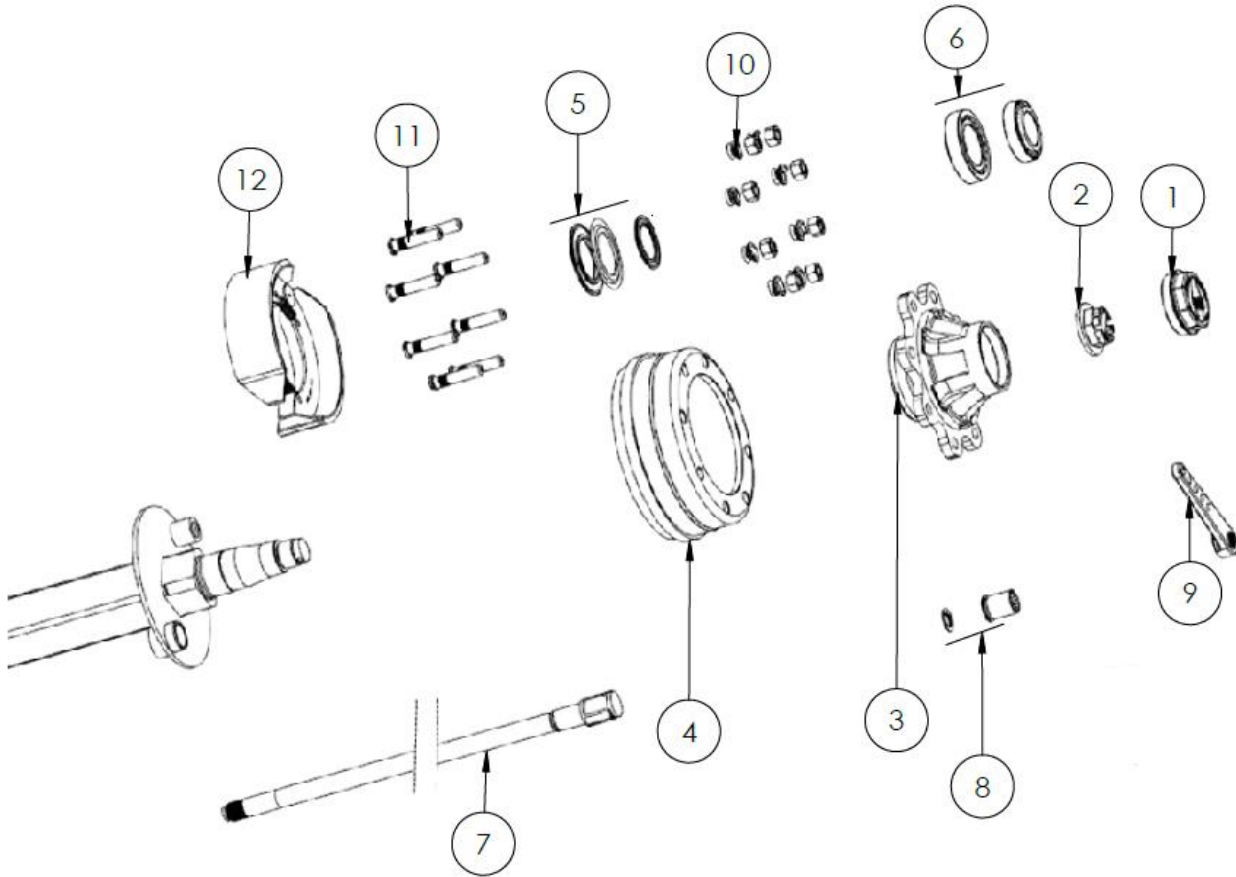


## Tyres & Wheels

Wheel size	30 x 11.5 – 14.5	Wheel size	235/75 R17.5 Twin
Tyre Only	WHL/0113	Tyre Only	WHL/0141
Wheel Assembly	WHL/028	Wheel Assembly	WHL/014
Wheel size	355/50 -22.5	Wheel size	435/50-19.5
Tyre Only		Tyre Only	WHL/0161
Wheel Assembly	WHL/015	Wheel Asm – 10 stud 8 stud	WHL/016
Wheel size	385/55 – 19.5	Wheel size	445/45 – 19.5
Tyre Only	WHL/0145	Tyre Only	
Wheel Asm – 8 stud 10 stud	WHL/004 WHL/0143	Wheel Asm – 10 stud 8 stud	WHL/015

## Axles

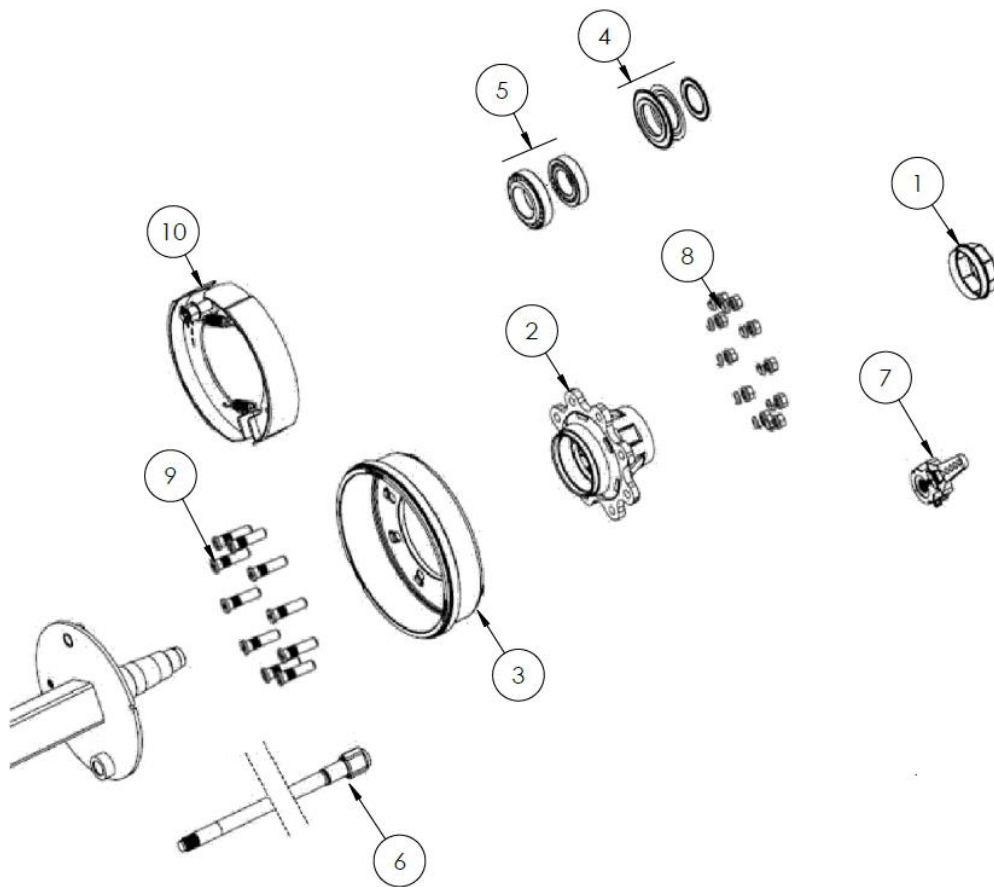
### Single axle



	Part No.	Description
1		Hub cap
2		Castle nut & split pin kit
3		Wheel hub
4		Brake drum
5		Seal replacement kit
6		Bearing kit
7		Camshaft (z type)
7		Camshaft (s type)
8		Camshaft repair kit
9		Slack adjuster
10		Wheel Nut & conical washer kit
11		Wheel stud kit

Please state feeder model and axle serial number when ordering replacement parts

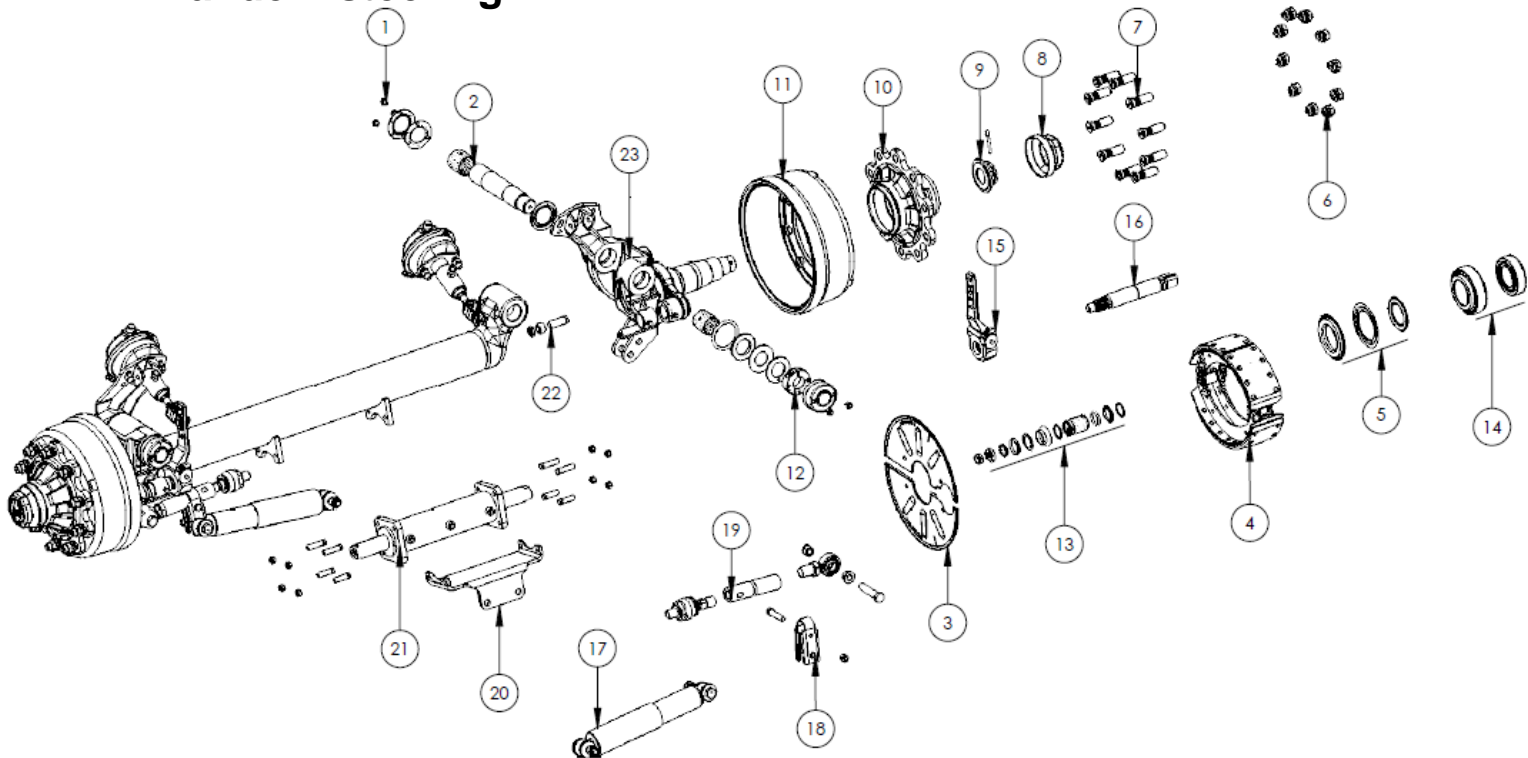
## Tandem non-steering



	Part No.	Description
1		Hub cap
2		Castle nut & split pin kit
3		Wheel hub
4		Brake drum
5		Seal replacement kit
6		Bearing kit
7		Camshaft (z type)
7		Camshaft (s type)
8		Camshaft repair kit
9		Slack adjuster
10		Wheel Nut & conical washer kit
11		Wheel stud kit
12		Brake shoe kit

**Please state feeder model and axle serial number when ordering replacement parts**

## Tandem steering



	Part No.	Description
1		Kingpin cover cap kit
2		Kingpin kit
3		Drum dust cover kit
4		Brake shoe assembly kit
5		Hub seal kit
6		M22 wheel nut and conical washer kit
7		M22 splined wheel stud kit for single rim axle
8		Hub cap
9		Castle nut & split pin kit
10		Wheel hub
11		Brake drum
12		Kingpin end cap kit
13		Camshaft repair kit
14		Bearing kit
15		Slack adjuster
16		Camshaft (z type) Camshaft (s type)
17		Shock absorber kit
18		Shock absorber linkage arm bracket
19		Linkage arm assembly
20		Shock absorber centre bracket
21		Hydraulic self-steering cylinder
22		Steering angle bolt & nut kit
23		Steering knuckle assembly (L)

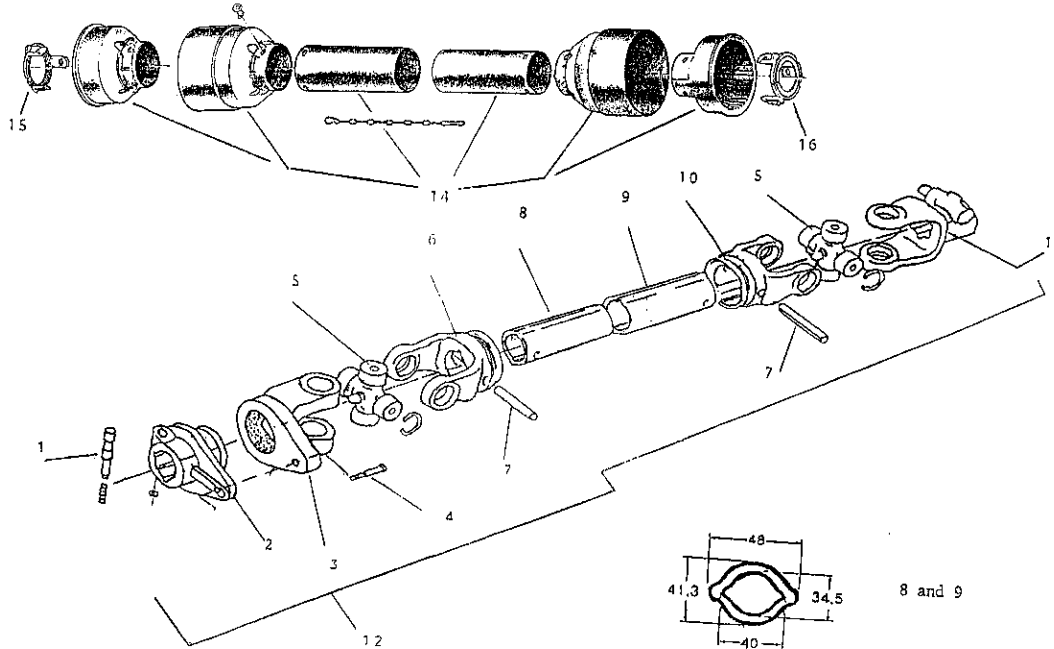
**Please state feeder model and axle serial number when ordering replacement parts**



## PTO Shafts

This is only a guide to PTO shaft components.

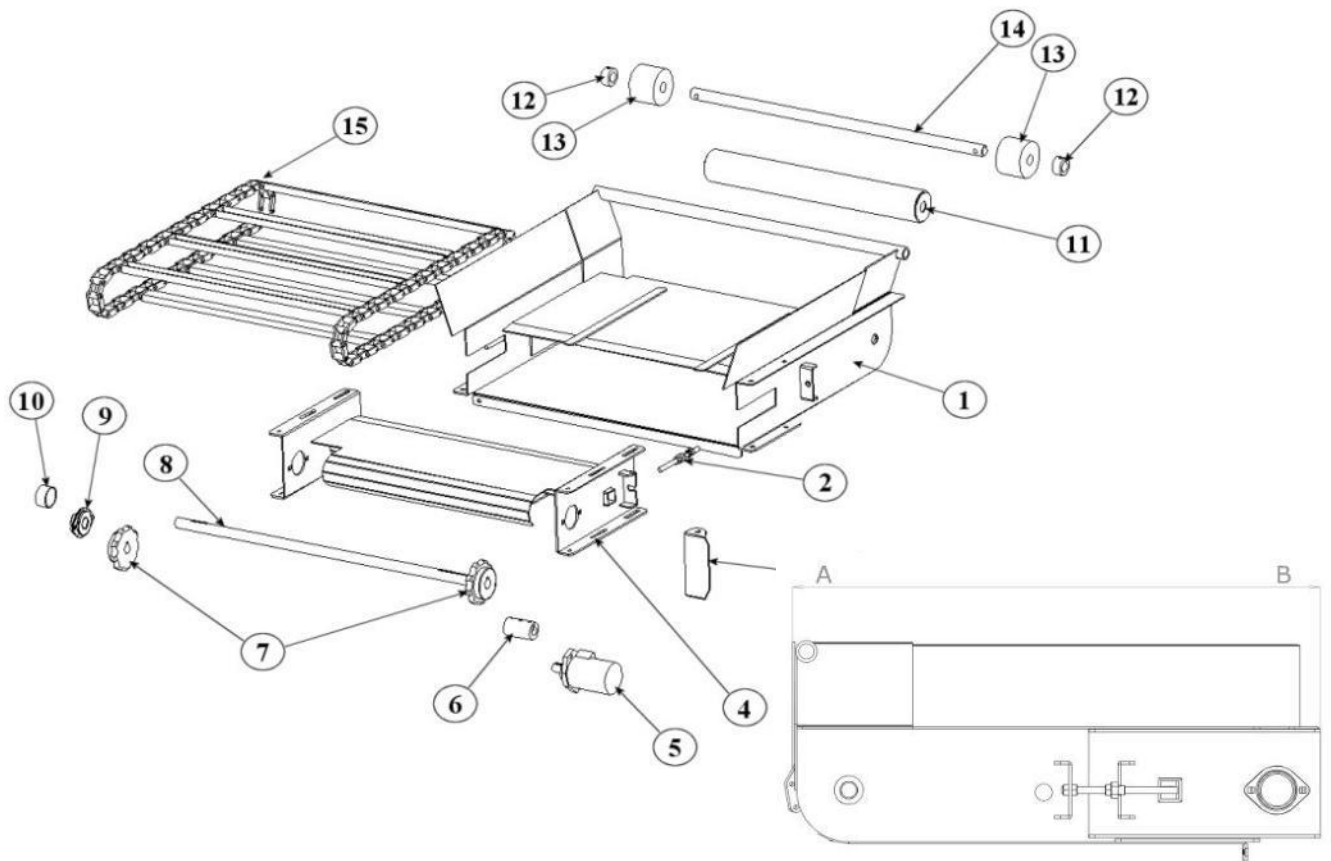
For complete PTO shafts please refer to page 6.



Ref.	Description
<b>1</b>	Push pin
<b>2</b>	Splined shearpin hub
<b>3</b>	Shearpin yoke hub
<b>4</b>	Shearbolt 10.9 Ø 8x50mm (MM10) Shearbolt 10.9 Ø 8x60mm (MM 14/16/18/24)
<b>5</b>	Cross piece c/w cups
<b>6</b>	Inner yoke
<b>7</b>	Roll pin
<b>8</b>	Tube male section
<b>9</b>	Tube female section
<b>10</b>	Outer yoke
<b>11</b>	End yoke
<b>12</b>	Complete PTO shaft (MM10)
<b>13</b>	Complete PTO shaft (MM14/16/18/24)
<b>14</b>	Covers (end) Covers (shaft)
<b>15</b>	Retaining collar
<b>16</b>	Retaining collar

NOTE: - Only use shearbolts supplied by Hi-Spec Engineering Ltd

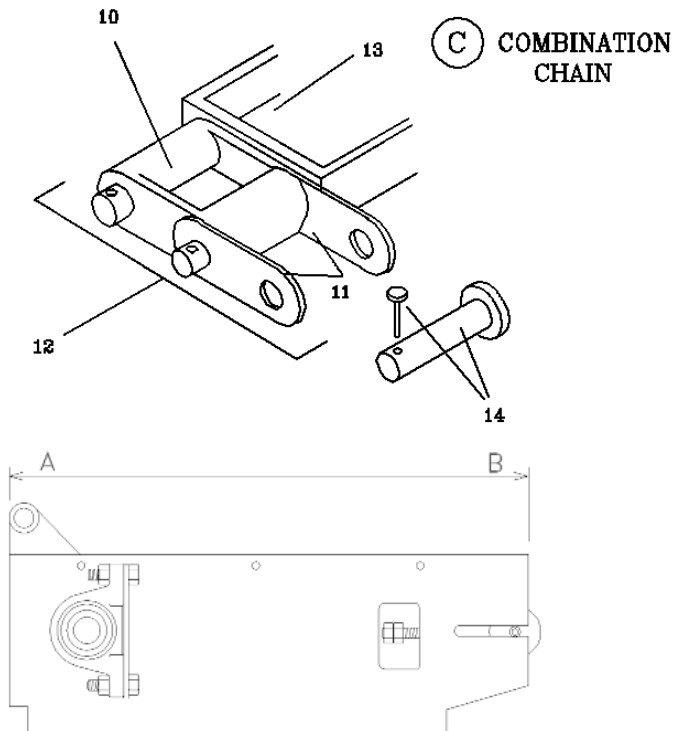
## Chain & Slat Elevators



	Part No.	Description
1	VF/0118	Main body
2	VF/0119	Adjustment bar
3	VF/0120	Motor guard
4	VF/0121	Front section
5	MM/501 MM/5001 MM/5010 MM/5111 MM/5112	Hydraulic motor (Parker) Seal kit (Geolink) Seal kit (SAM) Seal kit (Parker) Seal kit (LOSI)
6	MM/777	Motor – shaft coupler
7	MM/794	Sprocket 9T C55
8	VTF/0006	Drive shaft
9	MM/0505 MM/0507	Bearing insert Bearing housing
10	MM/05071	Bearing dust cover
11		Idler roller
12	VTF/0005	Idler bush
13	MM/730	Nylon roller Ø 100mm
14	VTF/0009	Idler shaft
15	/	Chain*

**\*When ordering a complete chain please measure from points A to B as shown and give measurement to stores**

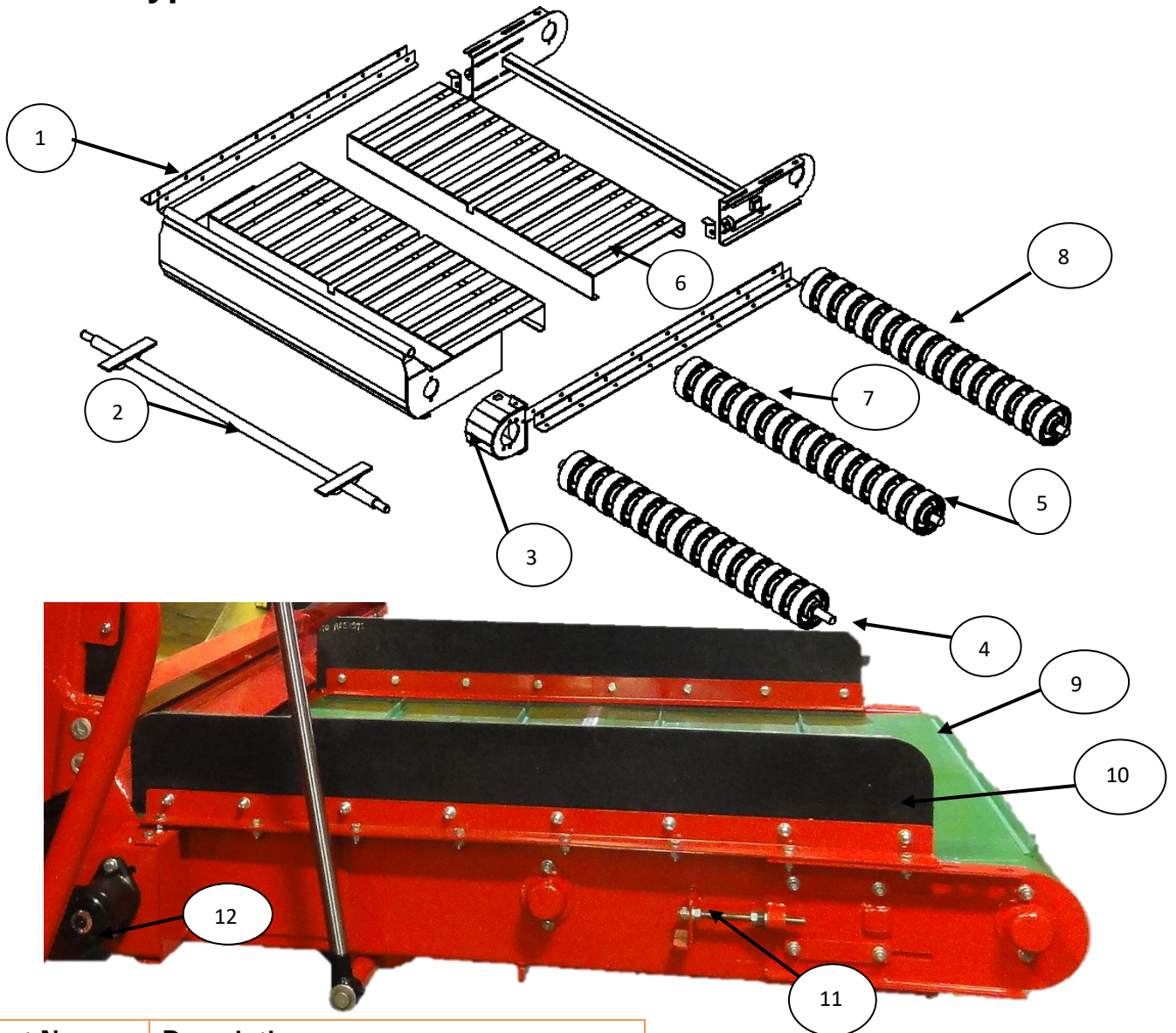
## Elevator Conveyor Types



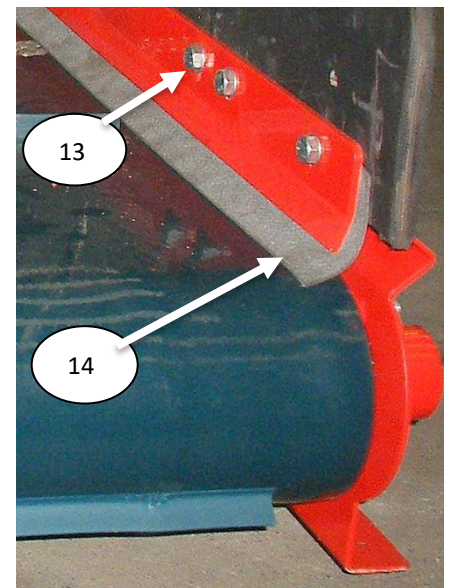
	Part No.	Description
<b>C</b>		<b>Combination chain</b>
<b>10</b>	MM/109	C55 Roller link
<b>12</b>	MM/107	C55 Chain
<b>13</b>	MM/108	Cross member
<b>14 &amp; 11</b>	MM/110	C55 Connecting link (x2) and plates (x2)
		<b>Complete Chain Assemblies</b>
<b>22"</b>	VF/0189	Complete chain
<b>27"</b>	VF/0190	Complete chain
<b>32"</b>	VF/0191	Complete chain
<b>36"/40"</b>	VF/0192	Complete chain
<b>48"</b>	VF/0193	Complete chain

When ordering a complete chain please measure from points A to B as shown and give measurement to stores

## Belt Type Elevator



	Part No.	Description
1	VF/0184	Rubber guide clamp
2	VF/00123	Lift shaft
3	VF/00122	Motor housing
4	VF/0135	Drive shaft
5	MM/0165	Nylon roller
6	VF/00124	Belt floor
7	VF/0134	Centre shaft
8	VF/0133	Idler shaft
9	/	Belt (state size of elevator)
10	/	Rubber guide
11	VF/0140	Tensioner
12	MM/501	Hydraulic motor
13	GP/1070	M8 x 30 bolt, nut & washer
14	/	Belt scraper



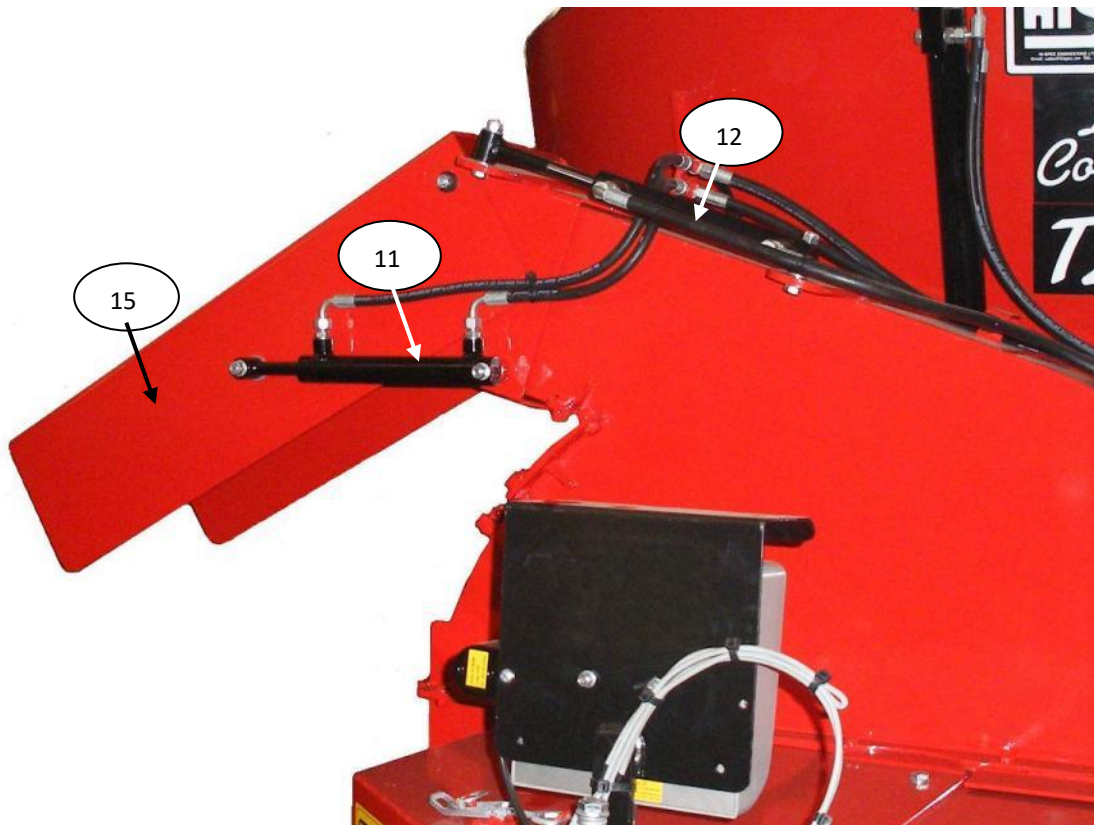
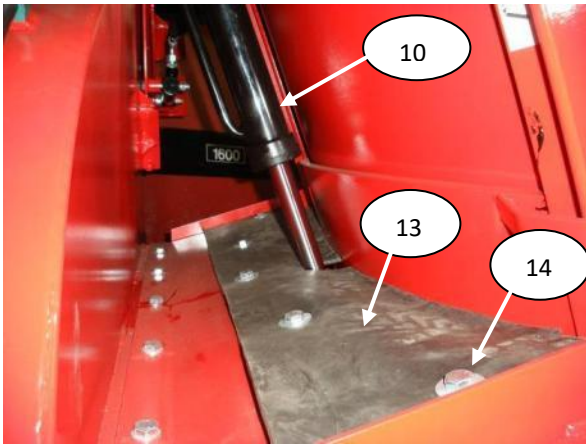
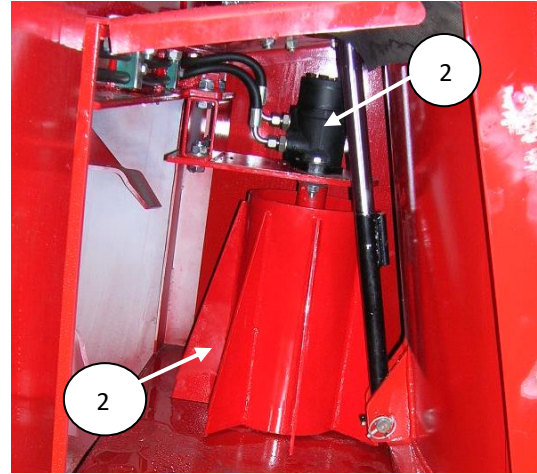
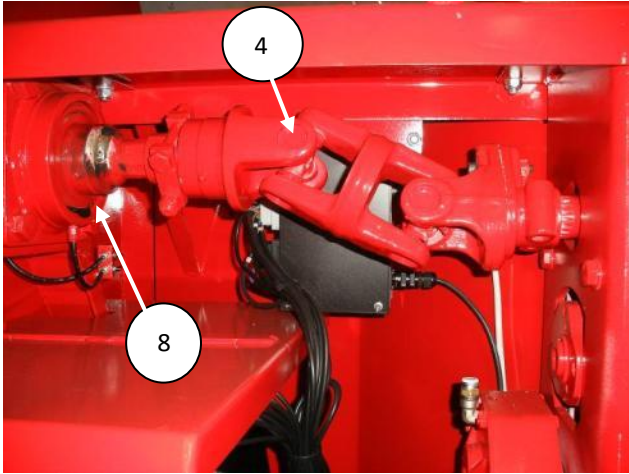
Please state elevator size when ordering parts.

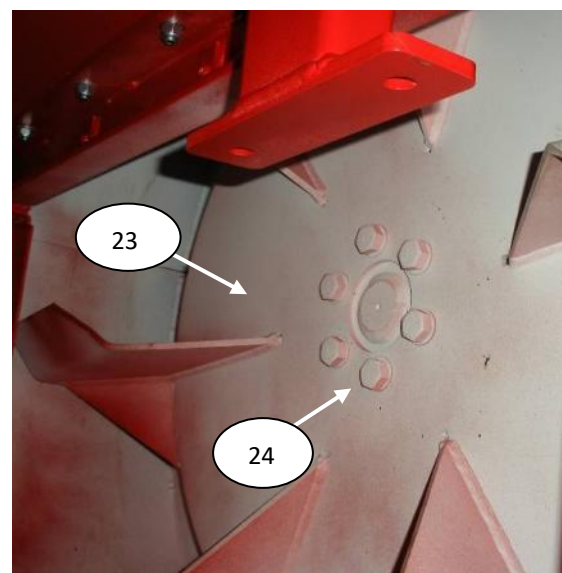
## Vertical Feeder with Blower (Optional)



<b>Gearboxes</b>		
<b>1</b>	VF/0026	Comer DP 732 Gearbox
<b>2</b>	VF/0027	Comer A-16A Gearbox
<b>3</b>	VF/16043	Comer C-3A gearbox
<b>Drive Shaft</b>		
<b>4</b>	GP/2202	Double jointed flywheel drive shaft
<b>PTO Shafts</b>		
<b>5</b>	VF/0032	PTO Shaft – Tractor to vertical feeder
<b>7</b>	VF/0033	PTO Shaft – Front gearbox to teaser roller
<b>Flange Bearings</b>		
<b>8</b>	MM/0503	Flange bearing 60mm
<b>9</b>	MM/0502	60mm Bearing insert
<b>Hydraulic Rams</b>		
<b>10</b>	VF/0030	Hydraulic ram for door
<b>11</b>	MM/7110	Hydraulic ram for chute
<b>12</b>	VF/0030 MM/7111	Hydraulic ram for directional adjustment Left/right Up/down
<b>13</b>	VF/0188	Rubber Flap
<b>14</b>	GP/1021 GP/1098 MM/9992	M12x30 Bolt M12 Nut M12 Heavy Washer
<b>15</b>	VF/0150	Straw Chute

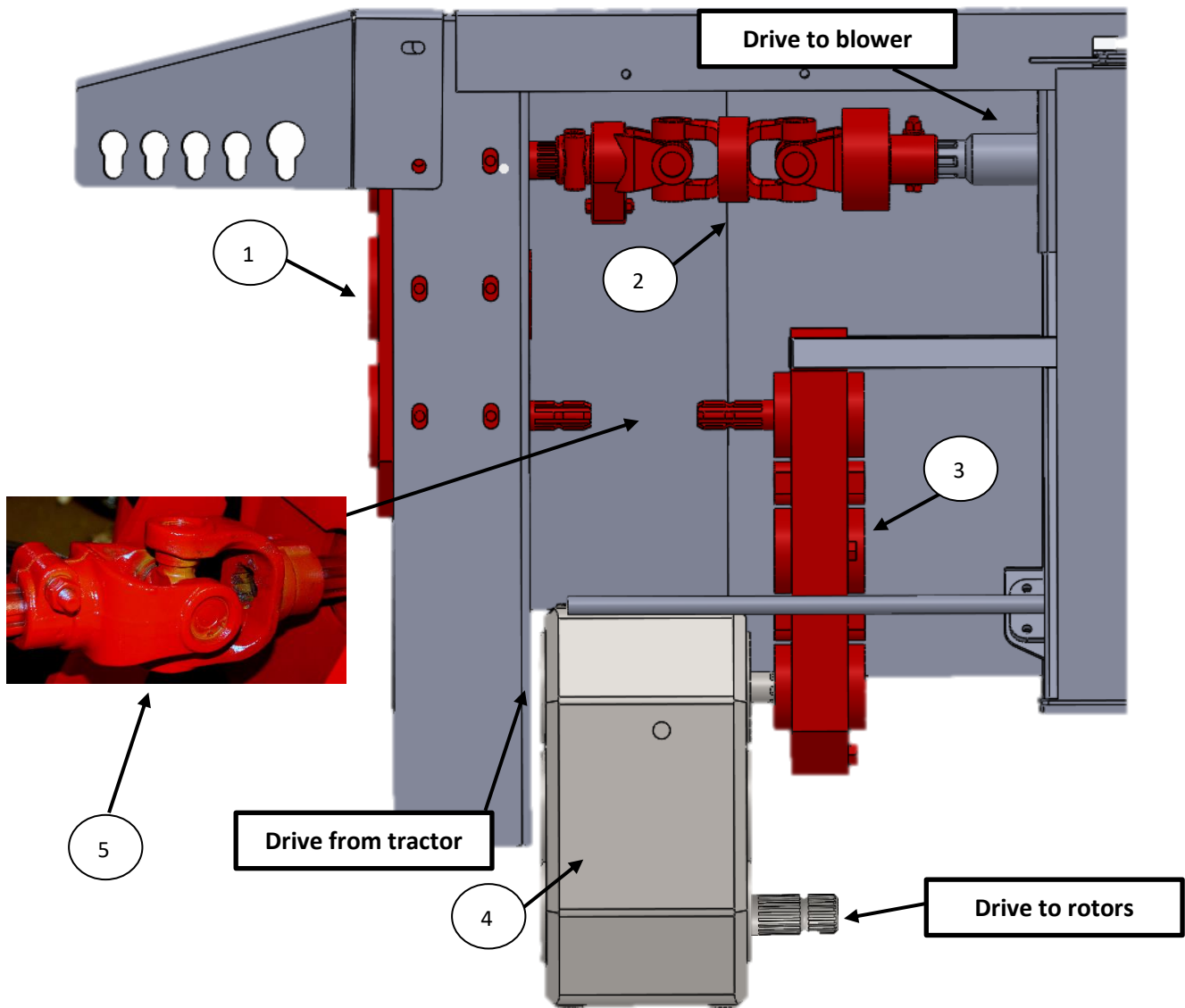
**Please state feeder model as parts differ from T 24 onwards.**





	Part No.	Description
16	VF/0122	Right Door
17	VF/0123	Left Door
18	VF/0124	Hose Holder Bracket
19	GP/1022	M12x35 Bolt, Nut & 2 Washers
20	VF/0125	Blower Door (Left) Blower Door (Right)
21	VF/0126	Threaded Plastic Door Closer
22	MM/302	Rubber Washer
23	VF/0127	Flywheel
24	GP/1053	M20x60 bolt
25	VF/0173	Teaser
26	MM/505	motor

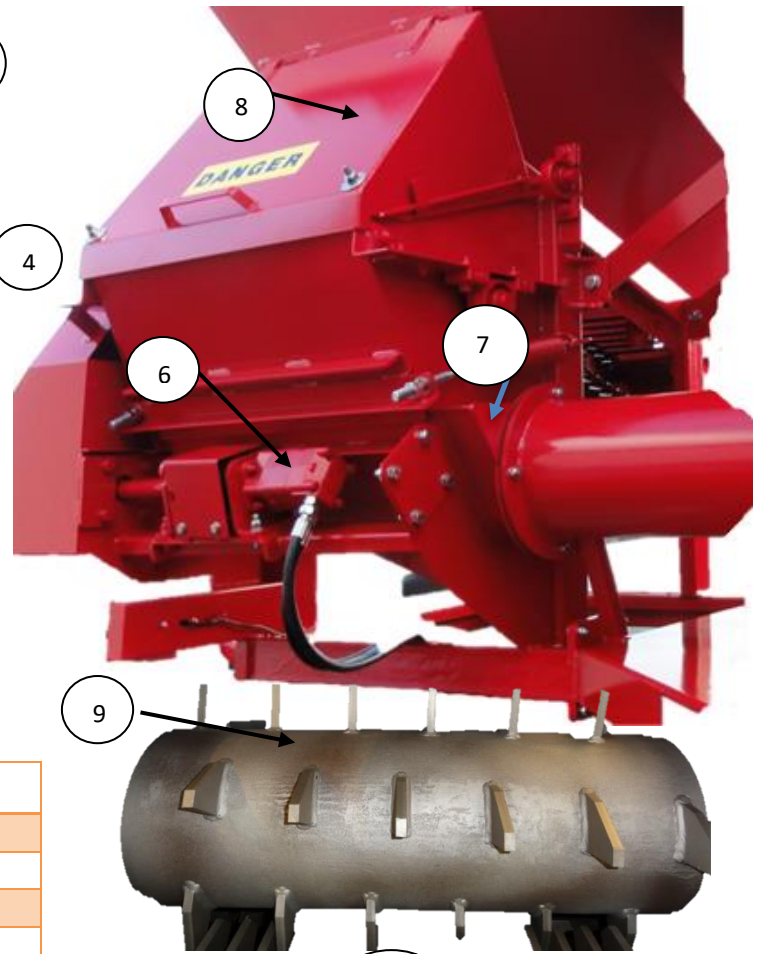
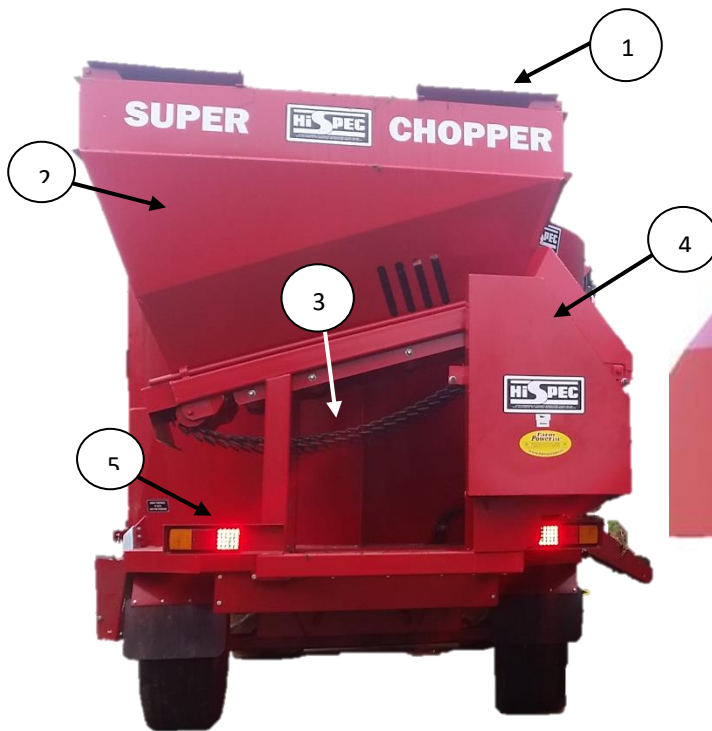
## Straw blower drive train T24 onwards



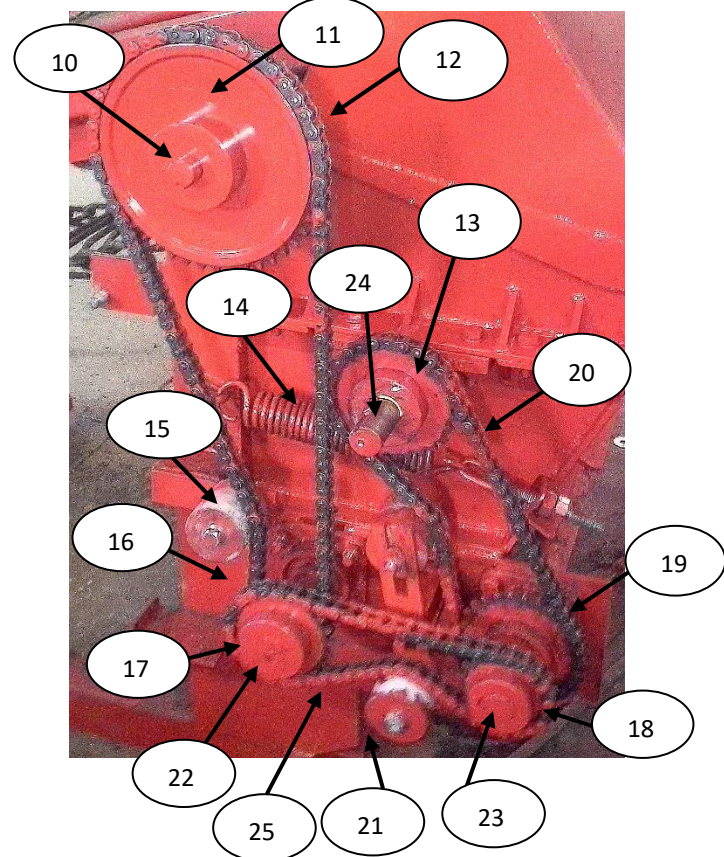
	Part No.	Description
1	VF/0026	Comer DP 732 gearbox
2	GP/2202	Double jointed flywheel drive shaft
3	VF/0027	Comer A-16A gearbox
4	VF/16043	Comer C-3A gearbox
5	VF00120	Single joint drive shaft



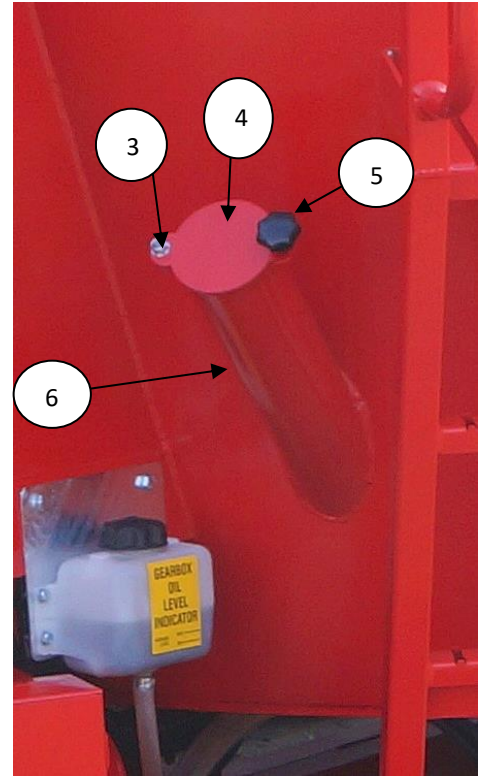
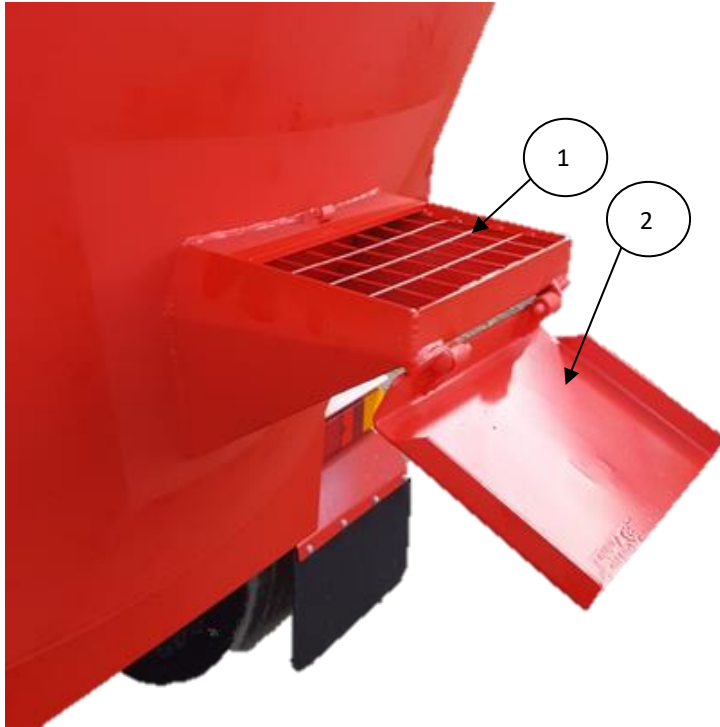
# Root Chopper



	Part No.	Description
1	RC/203	Hopper extension
2	RC/204	Hopper
3	RC/120	Potato chain
4	RC/205	Chain guard
5	GP/0115	L.E.D lights
6	MM/507	Hydraulic motor
7	RC/206	Auger housing
8	RC/207	Drum housing
9	RC/202	Rotating drum
10	RC/208	30x114,5mm shaft
11	MM/1796	45 tooth sprocket
12	GP/3016	ASA60 chain
13	MM/1795	27 tooth sprocket
14	RC/777	Spring tensioner
15	RC/209	Nylon chain tensioner
16	MM/1792	17 tooth sprocket
17	MM/1794	23 tooth sprocket
18	MM/1793	19 tooth sprocket
19	MM/1795	27 tooth sprocket
20	GP/3016	ASA60 chain
21	RC209	Nylon chain tensioner
22	RC/210	40x1100mm shaft
23	RC/211	40x1350mm shaft
24	RC/212	40x550mm shaft
25	GP/3016	ASA60 chain
26	RC/010	Auger (not shown)

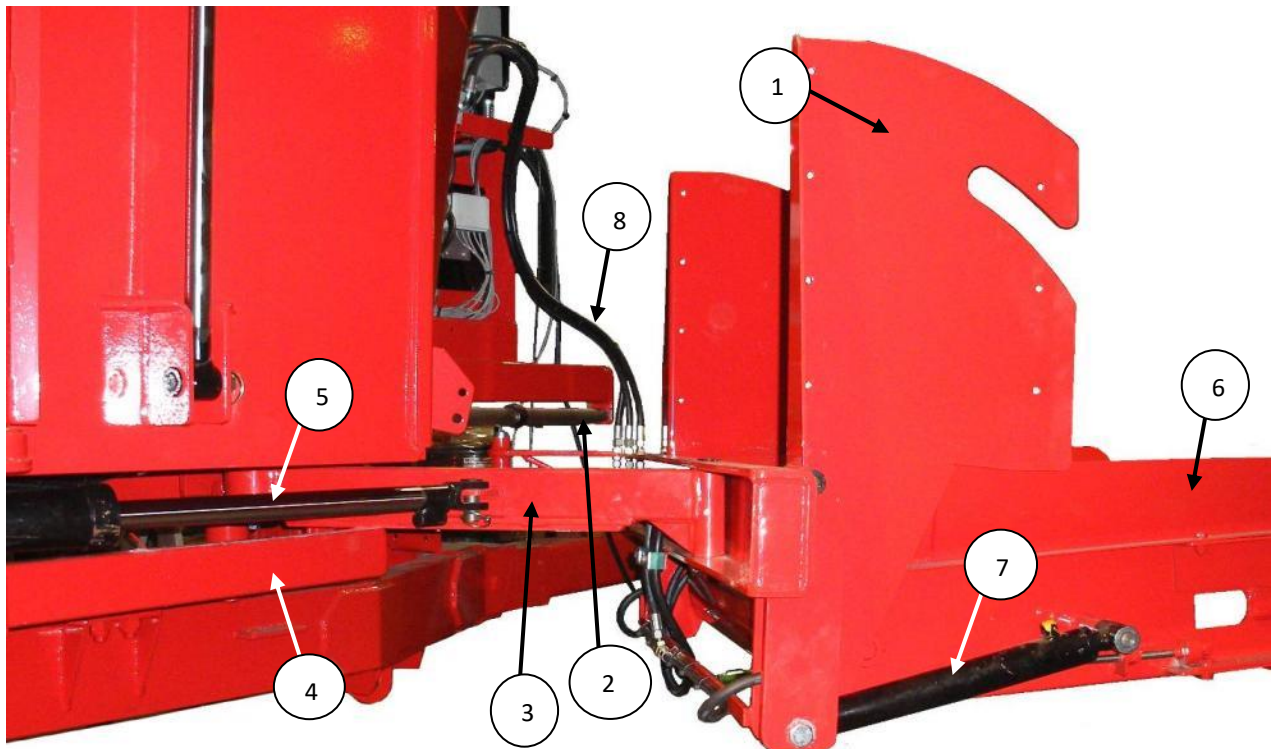


## Mineral Chute & Molasses Chute



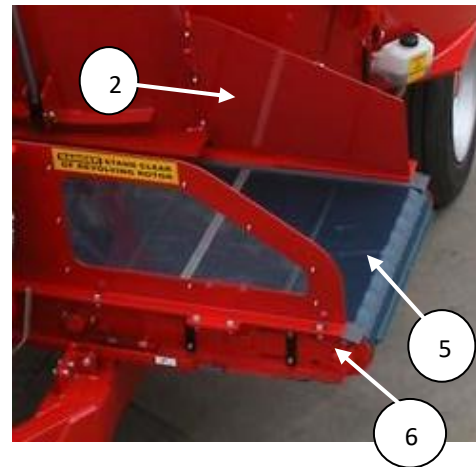
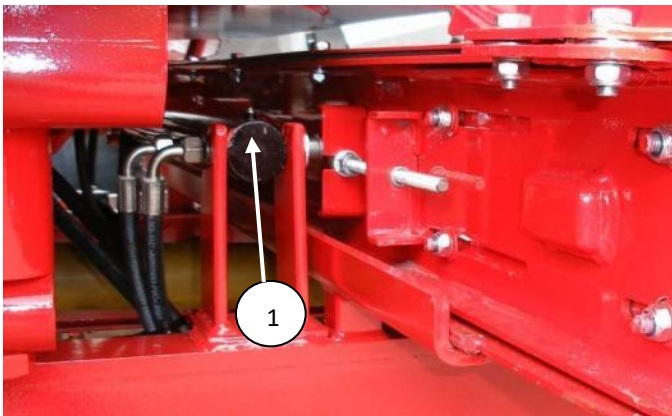
	Part No.	Description
1	VF/00111	Mineral chute
2	VF/00112	Cover
3	GP/1015	M10 x 30 bolt, nut & washer
4	VF/00113	Molasses chute cover
5	VF/00114	Screw lock
6	VF/00115	Molasses chute

## Side Sliding Elevator

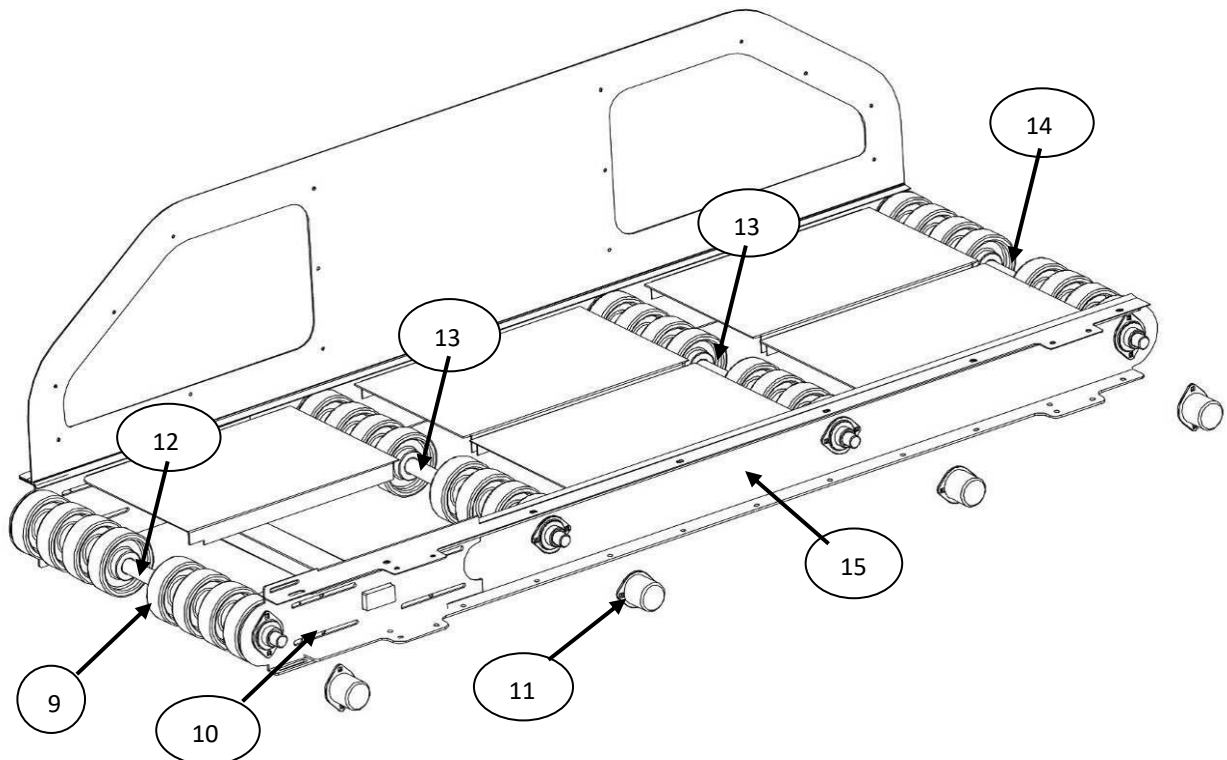
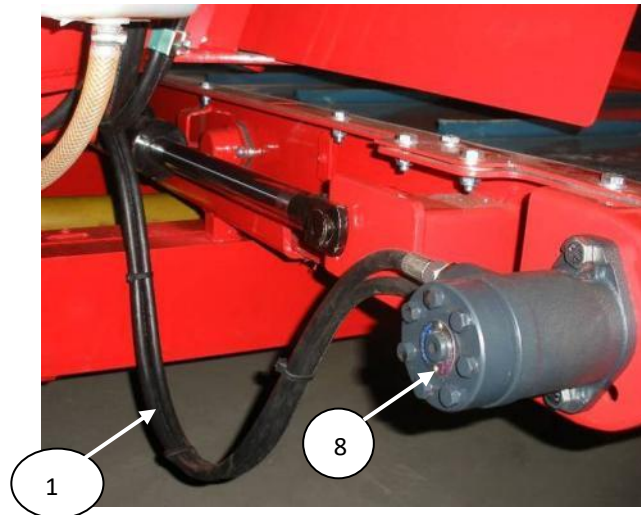


	Part No.	Description
1	VF/0128	Feed Guides
2	VF/0129	Sliding Support
3	VF/0130	Main Arm
4	VF/0131	Arm Support (Please quote model and serial number)
5	MM/700 MM/590	Sliding Arm Ram V10, V12, T20, T24 T14, T16
6	VF/0174	Elevator
7	VT/1501	Elevator Ram
8	MM/H006	3/8" hoses

## Cross Conveyor

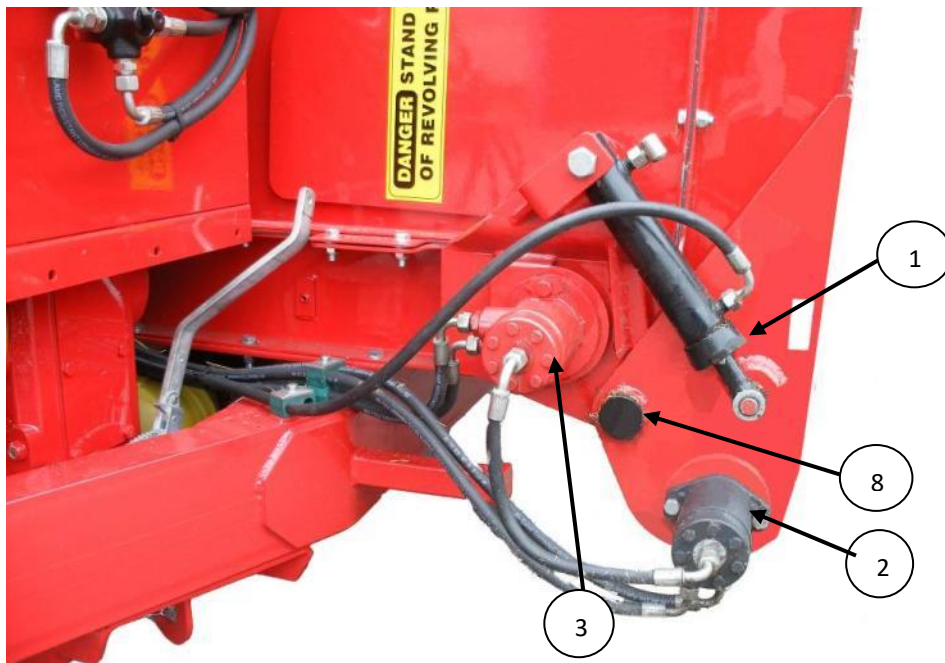


	Part No.	Description
1	BM/017	Left/Right Ram
2	VF/0143	Side Panel (When ordering, state Model of Machine)
3	VF/0144	Front Panel (When ordering, state Model of Machine)
4	VF/0080	Front Panel Perspex (full sheet)
5	/	Conveyor Belt (When ordering, state Model of Machine)
6	/	Rubber Strip (When ordering, state Model of Machine)
7	VF/0175	Front Box Panel

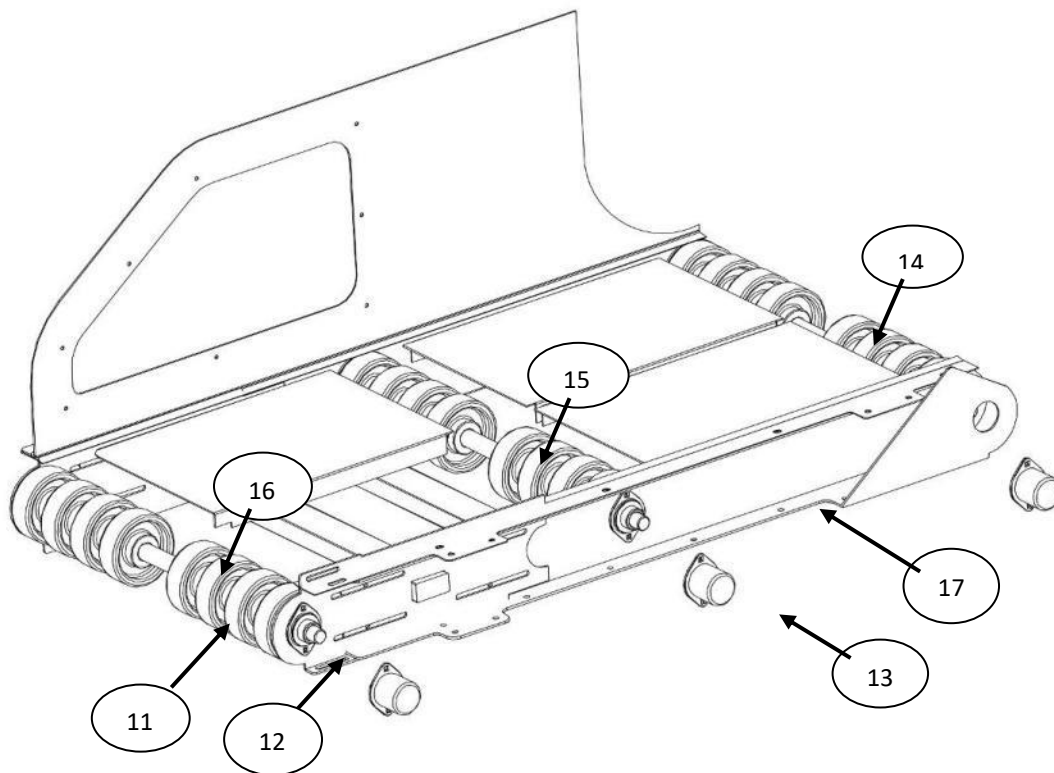
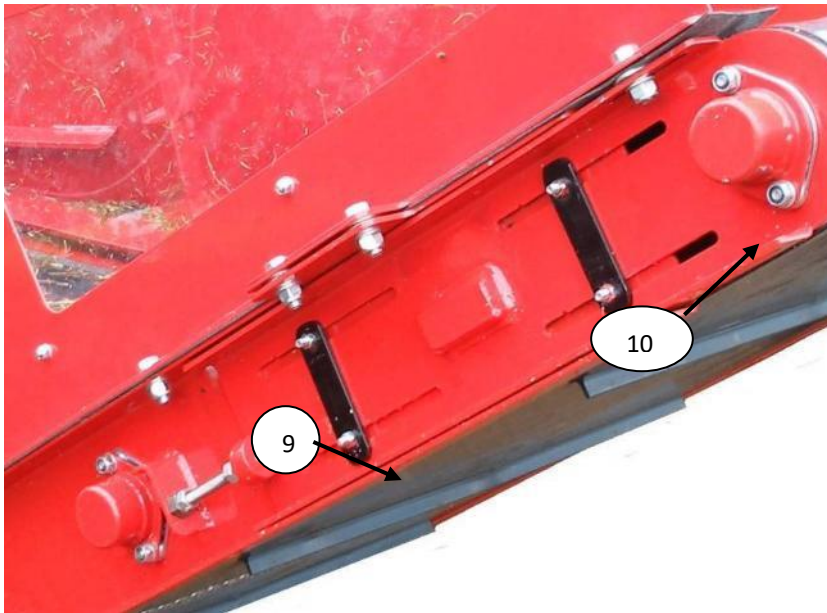


	Part No.	Description
8	MM/501	Motor
9	MM/0165	Rollers
10	MM/0505 MM/0507	Bearing
11	VF/0132	Bearing Cover
12	VF/0133	Idler Shaft
13	VF/0134	Centre Shaft
14	VF/0135	Drive Shaft
15	VF/0136	Full Cross Conveyor Frame
16	MM/H006	3/8" hose

## Cross Conveyor with Elevator

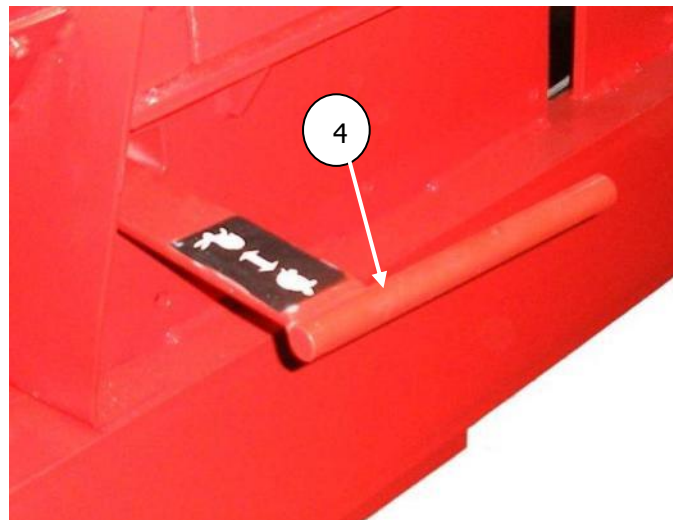
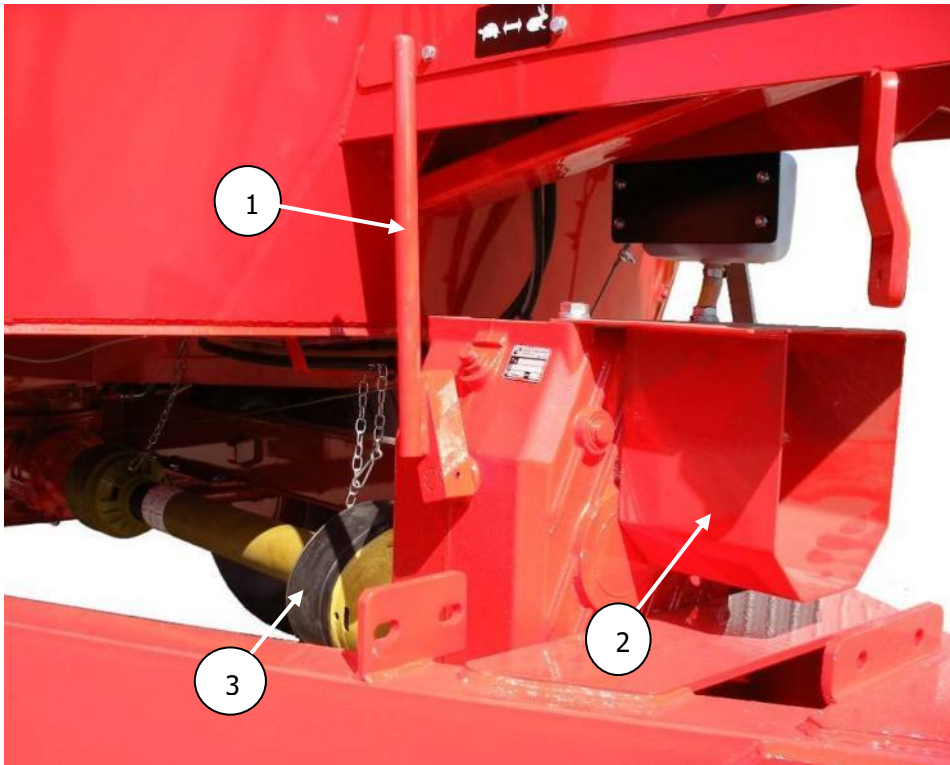


	Part No.	Description
1	MM/7110	Elevator Ram
2	MM/501	Elevator Motor (80cc)
3	MM/506	Conveyor Motor (100cc)
4	VF/0137	Elevator Panel
5	VF/0138	Elevator Panel Glass
6	VF/0139	Conveyor Panel
7	/	Elevator Belt (When ordering, state Model of Machine)
8	VF/0177	Hat Bushing



	Part No.	Description
9	VF/0140	Tensioner
10	VF/0141	Retaining Flat
11	MM/0615	Roller
12	MM/0505 MM/0507	Bearing
13	VF/0132	Bearing Cover
14	VF/0135	Drive Shaft
15	VF/0134	Centre Shaft
16	VF/0133	Idler Shaft
17	VF/0142	Full Elevator Frame

## Two-Speed Gearbox Guard



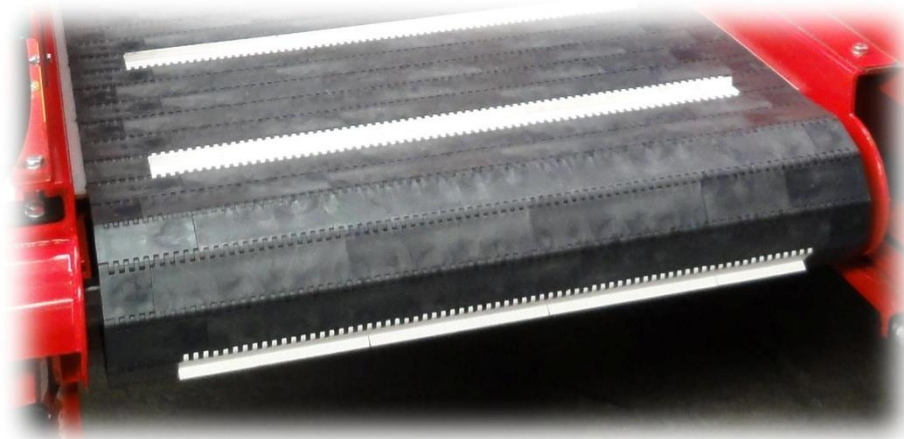
	Part No.	Description
1	VF/0107	Two-speed gear changer
2	VF/0108	Metal PTO guard
3	VF/269	Plastic PTO guard
4	VF/0086	Push/Pull Lever



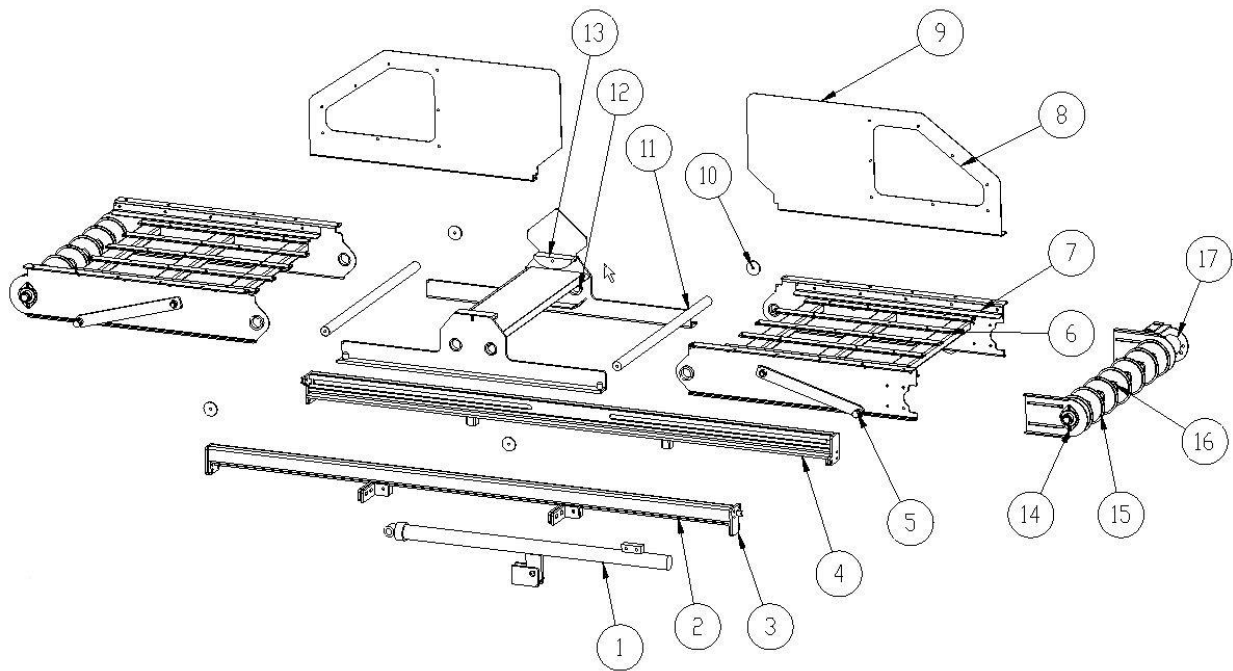
## VHD Conveyor



	Part No.	Description
18	VF/0140	Tensioner bolt assembly
19	VF/0178	Front box assembly
	VF/0153	Left/Right Ram T14, T16
	VF/0154	V10, V12, T20, T24



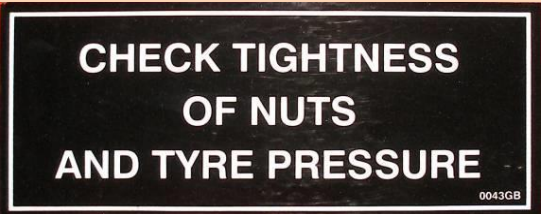
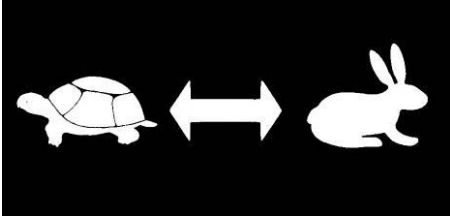






	Part No.	Description
	VF/0151	Belt section (when ordering please state length)
	VF/0160	White profile belt section
	VF/0162	Black belt section
	VF/0161	Stainless steel rod retaining clip
	VF/0176	Stainless steel rod



	Part No.	Description
1	VF/0153 VF/0154	Hydraulic cylinder - 14/16 Twin auger Hydraulic cylinder - 10/12/14/16 Single auger 20/24 Twin auger
2	VF/0179	Adjusting slide (when ordering state machine model)
3	VF/0180	End cap (when ordering please state position ie. front right etc)
4	VF/0181	Fixed slide (when ordering state machine model)
5	VF/0182	Riser flat (when ordering state machine model)
6	VF/0183	Wear strips - 650mm long - 665mm long - 822mm long - 837mm long
7	VF/0184	Side rubber retaining flat
8	VF/0080	Front cover glass (when ordering state machine model)
9	VF/0144	Front cover (when ordering state machine model & left or right hand side)
10	VF/0183	Pivot shaft cap
11	VF/0184	Pivot shaft
12	VF/0157 VF/0158	Pivot shaft bush Riser flat bush
13	VF/0185	Half-moon wear strip
14	MM/0505 MM/0507	Bearing insert Bearing housing
15	VF/0152	Drive sprocket
16	VF/0159	Drive shaft
17	MM/506	100cc hydraulic motor

## Decals

	Part No.	Description
1	ST/0052	
2	ST/0018	
3	ST/0043	
4	ST/0053	
5	ST/0041	
6	ST/0057	
7	ST/00040	
8	ST/0040	

9	ST/0009	<p>GEARBOX OIL LEVEL INDICATOR</p> <p>WORKING LEVEL      MAX _____ MIN _____</p>
10	ST/TF1234	<p>0   1   2   3   4   5</p>
11	ST/001(large) ST/002 (small)	<p><b>HiSPEC</b></p> <p><small>HI-SPEC ENGINEERING LTD. STATION RD. BAGENALSTOWN, CARLOW, IRELAND. Email: sales@hispec.net TEL: 059-9721929 / 9721992, FAX: 059-9721980 Website: www.hispec.net</small></p>
12	ST/V10	<p>V10</p>
13	ST/V12	<p>V12</p>
14	ST/V14	<p>V14</p>
15	ST/V16	<p>V16</p>
16	ST/T14	<p>T14</p>
17	ST/T16	<p>T16</p>
18	ST/T20	<p>T20</p>
19	ST/T24	<p>T24</p>

20	ST/T27	
21	ST/T32	
22	ST/T35	
23	ST/0056	
24	ST/0052	 

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## Sales and Service

### Ireland

#### Head office

Hi-Spec Engineering Ltd., Station Rd, Bagenalstown, Co. Carlow, Ireland

Tel: - +353 59 9721929 Fax: - +353 59 9721980

Email: - [sales@hispec.net](mailto:sales@hispec.net) or [info@hispec.net](mailto:info@hispec.net)

#### Sales

Contact: - Eoin Keane, Hi-Spec Engineering Ltd. Tel: - +353 87 2562963

Email: - [eoin@hispec.net](mailto:eoin@hispec.net)

#### Machine Servicing

Contact: - Michael Brennan, Hi-Spec Engineering Ltd. Tel: - +353 87 2403312

#### Spare Parts Store

Contact: Mike Nolan or Terence Byrne, Hi-Spec Engineering Ltd.

Tel: - +353 59 9721929 Fax: - +353 59 9721980

Email: - [stores@hispec.net](mailto:stores@hispec.net)

### U.K.

#### Sales

##### Wales & Southern England

Contact: - Edward Lewis, Hi-Spec Engineering Ltd. Tel: - +44 7876 452698

Email: - [elewis@hispec.net](mailto:elewis@hispec.net)

##### Scotland & Northern England

Contact: - Gordon Brodie, Hi-Spec Engineering Ltd. Tel: - +44 7799 905130

Email: - [gordon@hispec.net](mailto:gordon@hispec.net)

#### For spare parts

Contact: - Your local Hi-Spec dealer. If you require a contact name and number you can telephone head office and we would be glad to assist you.



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## Notes