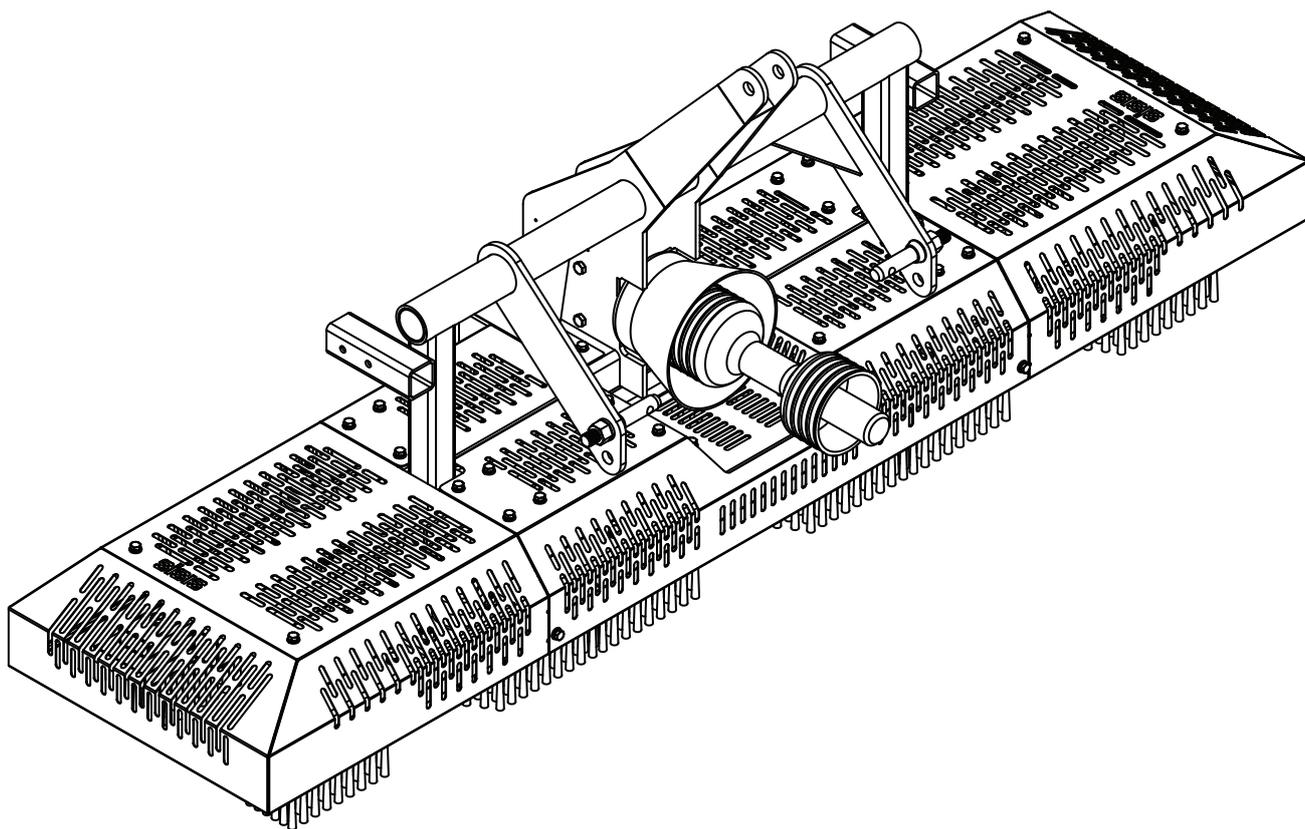


sisis[®]

OSCA 3 INSTRUCTION MANUAL



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SP20022_REV_0
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NOTE

MAKE A NOTE OF THE SERIAL NUMBERS OF YOUR MACHINE & ENGINE AND ALWAYS QUOTE THEM IN ANY COMMUNICATION WITH PERSONNEL AT DENNIS.

MACHINE SERIAL NUMBER

Introduction

The **SISIS OSCA 3** is virtually maintenance-free, and brushes can be replaced should they become worn.

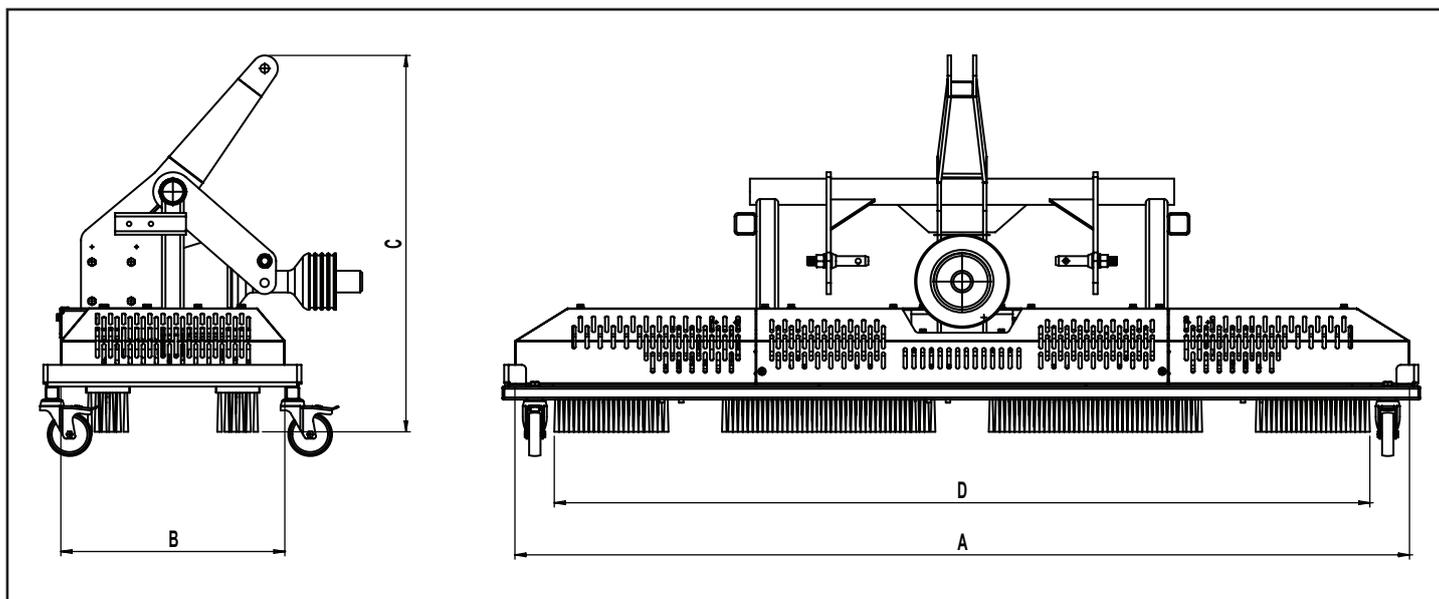
It is advisable to read the instructions carefully. Proper care and attention will enable the machine to give a continuous, satisfactory, and reliable service.

In the case of any difficulty, or if further information or advice is required, our Service Department is always at your call. In the interests of speed and accuracy of information please quote the serial number of the machine when making enquiries.

For the machine, this is to be found on a plate attached to the front of the frame. We suggest you write the numbers above.

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Model	OSCA 3
Model Reference	OSC/3
A - Overall Width (mm/in)	2045 / 80.5
B - Length (mm/in)	530 / 21
C - Height (mm/in)	870 / 35
D - Effective Working Width (mm/in)	1930 / 76
Weight (kg/lbs)	148 / 325
Tractor Requirement (hp/rpm)	16 / 540
Brushes	F33772
Number of Brushes	6

Important Safety Instructions



CAUTION

READ THE INSTRUCTIONS CAREFULLY AND ALSO THE SEPARATE INSTRUCTION DETAILS ON THE ENGINE.

ALWAYS

- Read the operating instructions carefully and understand the controls before commencing work.
- Before starting work visually check the machine for damage or wear to working parts such as pivots and brushes.
- Switch off the power before making adjustments or repairs and never lift or carry a machine whilst any parts are moving.
- Watch out for children or pedestrians. Always look behind before starting to reverse.

NEVER

- Allow any unauthorised person to handle machines in any way at any time.



CAUTION

PLEASE READ THESE OPERATING INSTRUCTIONS CAREFULLY BEFORE COMMENCING WORK.

We want you to obtain the best performance from this machine. If you have any difficulty in carrying out the following instructions please contact SISIS direct or your local SISIS Territory Manager or SISIS Dealer.

OPERATING PRINCIPAL

The SISIS **OSCA 3** is PTO driven to a gearbox, which in turn drives an oscillating bar. The number of oscillations per metre is controlled by the rpm of the tractor PTO and the forward speed, so the operator chooses the ideal speed to suit conditions. PTO must turn at 400rpm or less.

USES

The SISIS **OSCA 3**, oscillating brush unit, has been designed to brush in top dressing in less passes than a conventional drag brush, thereby reducing the compaction of fine turf by the tractor, especially when used after hollow coring.

The **OSCA 3** is also an essential implement for the upkeep of artificial surfaces, to reconstitute the sand and keep the surface in good condition, whether brushing in new sand or regular maintenance of the existing surface.

CONNECTION TO THE TRACTOR

Connect tractor lift arm to pins on **OSCA**. Connect top link and adjust so that **OSCA** is parallel to the ground. Always fit and tighten tractor lift arm stabilisers.

When fitting PTO always ensure PTO is cut to correct length as explained in the instructions supplied with PTO.



IMPORTANT

THERE MUST BE A MINIMUM CLEARANCE OF 50MM (2IN) BETWEEN THE SLIDING MEMBERS OF THE PTO SHAFT IN THEIR CLOSED POSITION. (SEE MAKERS LEAFLET FOR INFORMATION ON ADJUSTING THE LENGTH).

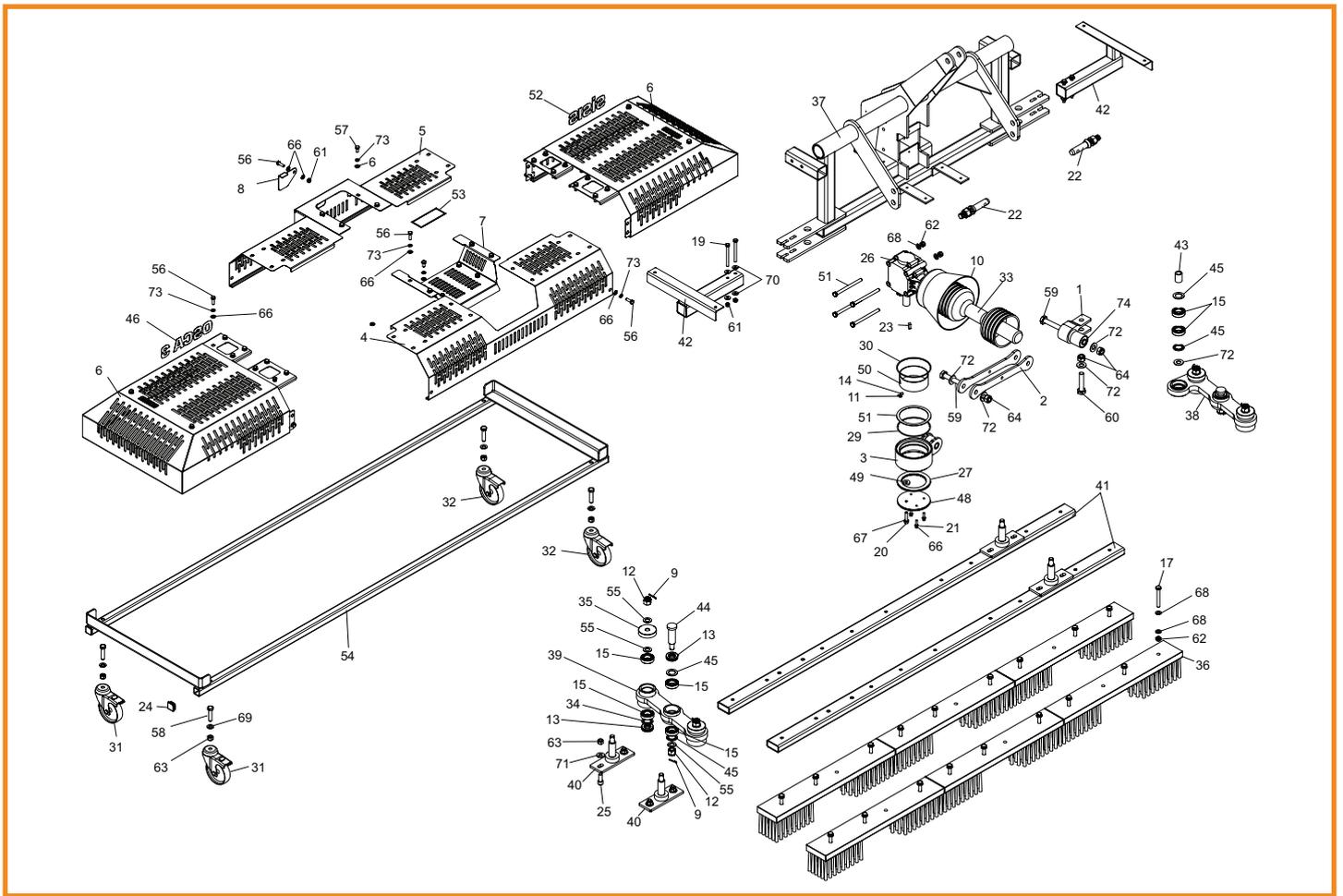
Under **NO** circumstances must the drive shaft be allowed to close tight or 'bottom' as damage could be caused to the tractor drive or to the implement gearbox.

PTO DRIVES FROM TRACTORS

Before attaching or adjusting PTO driven implements, always stop the engine and disengage PTO drive.

Never operate PTO shafts at extreme angles and take particular care to avoid high linkage lift positions with the PTO in operation i.e. at the end of working runs.

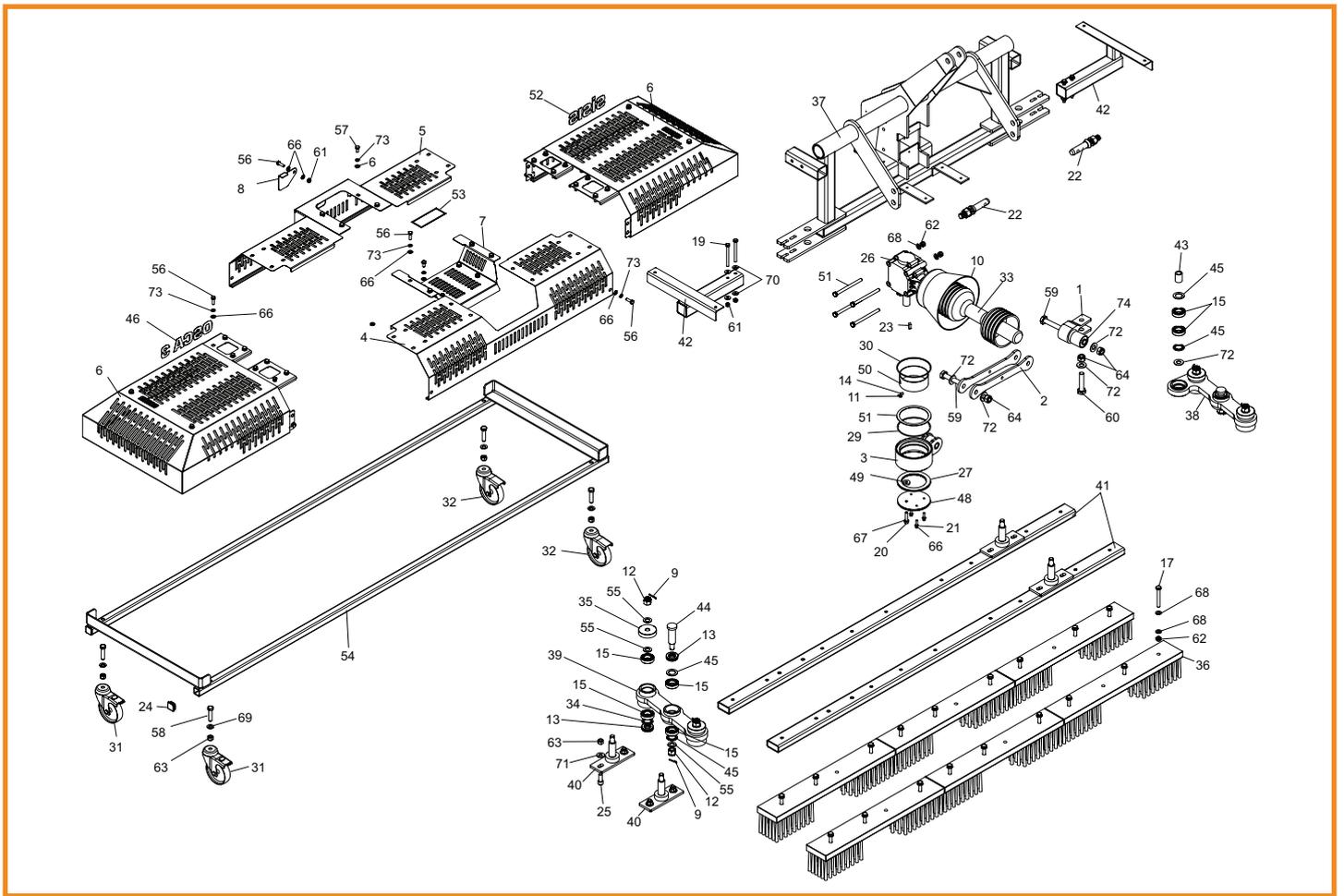
Many tractors now have multi-speed PTO systems. Take special care that the PTO speed selected is suitable for the implement being used e.g. never use 1000rpm on an implement designed for 400rpm.



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OSCA 3

Item No.	Part No.	Description	Quantity	Item No.	Part No.	Description	Quantity
1	401026	Connecting Link	1	39	F36275	Swivel (Non Drive)	1
2	401029	Connecting Arm	2	40	F36276	Pivot	2
3	401030	Cam Assy	1	41	F36278	Brush Frame	2
4	401829	Guard Centre Drive Side	1	42	F36281	Cover Support	2
5	401830	Guard Centre Rear	1	43	F36291	Bearing Bush	1
6	401831	Guard Side	2	44	F36292	Pivot Pin	2
7	401832	Bracket Guard Centre	1	45	F36293	Spacer	6
8	401884	Cover Bracket Grease	1	46	F36308	Decal Osca Label White 50mm Height	1
9	D1034	Split Pin 1/8" x 1 1/2"	6	47	F36312	Drive Cam	1
10	D1734	Implement Shield	1	48	F36313	Cam Plate	1
11	D1947	Grease Nipple M6	1	49	F36315	Spacer	1
12	D1950	Nut M16 (Castle)	6	50	F36316	Modified Bush	1
13	D8047	Bearing 51105 (Thrust)	6	51	F36317	Thrust Washer	1
14	D8153	Grub Screw M8 x 10	1	52	F36332	Decal Sisis White 50mm Height	1
15	D8259	Bearing 6005-2RS	14	53	F36870	Label Warning	1
16	E1-1061	M6 Spring Washer	3	54	F37623	Osca Stand	1
17	E1-1134	Hex Set Screw M10 x 80	18	55	J209012	Washer M16 Form B	10
18	E1-1141	Hex Set Screw M10 x 130	4	56	SP01045	Hex Set Screw M8 x 25	29
19	E1-1621	Hex Bolt M8 x 90	4	57	SP01076	Hex Set Screw M8 x 16	8
20	E1-1669	Cap Head M6 x 25	3	58	SP01082	Hex Set Screw M12 x 50	4
21	F20005	Cap Head M8 x 40	1	59	SP01108	Hex Bolt M16 x 90	2
22	F20327	Implement Mounting Pin	2	60	SP01116	Hex Bolt M16 x 75	1
23	F20684	Key Parallel 8 x 7 x 25	1	61	SP02006	Nut M8 Nyloc (T)	5
24	F21656	Tube Insert 30 x 30	4	62	SP02008	Nut M10 Nyloc (T)	22
25	F21854	Cap Head M12 x 40	4	63	SP02010	Nut M12 Nyloc (T)	8
26	F21875	Gear Box	1	64	SP02028	Nut M16 Nyloc (T)	3
27	F21876	Bearing Washer	2	65	SP02044	Rivnut Hex M8 (0.5-3.0) [No Head]	24
28	F21877	Thrust Bearing	1	66	SP03008	Washer M8 Form A	39
29	F21878	O Ring 115ID	1	67	SP03010	Washer M6 Form A	3
30	F21879	O Ring 119ID	1	68	SP03011	Washer M10 Form A	40
31	F25007	Castor 100 Dia Braked	2				
32	F25056	Castor 100 Dia	2				
33	F30510	Pto Shaft	1				
34	F33764	Thrust Washer	4				
35	F33765	Dust Cover	4				
36	F33772	Brush Osca	6				
37	F36273	Osca Frame Assy	1				
38	F36274	Swivel (Drive)	1				



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OSCA 3

Item No.	Part No.	Description	Quantity
69	SP03012	Washer M12 Form A	4
70	SP03015	Washer M8 Form C	8
71	SP03017	Washer M12 Form C	4
72	SP03021	Washer M16 Form C	6
73	SP03029	Washer M8 Spring Lock	37
74	SP14008	Bush 13/1004	1

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