Publication 201 June 1994 Part No. 12-91-001



# **1-0** metre Supercut flailhead

## **Operation & Spares manual**

# EC DECLARATION OF CONFORMITY

Conforming to EEC Machinery Directive 98/37/EC\*

We,

### McCONNEL LIMITED,

Temeside Works, Ludlow, Shropshire SY8 1JL.

Declare under our sole responsibility that:

The product ( <i>type</i> ) Hydraulic Arm Mounted Flail Head
Product CodeBD12, BD16, F110, F112, F115, F012, F016
Serial No. & Date
Manufactured by the above company/*
(* insert business name and full address if not stated above)

Complies with the required provisions of the Machinery Directive 98/37/EC, \* previously Directive 89/392/EEC as amended by Directives 91/368/EEC, 93/44/EEC and 93/68/EEC.

The machinery directive is supported by;

- BS EN ISO 12100:2003 Safety of Machinery. This standard is made up of two parts; Part 1 Terminology, methodology, Part 2 Technical Specifications.
- BS EN 1050 Safety of machinery Principles of risk assessment.
- and other national standards associated with its design and construction as listed in the Technical File.

The Machinery Directive is fully implemented into UK law by means of the Supply of Machinery (Safety) Regulations 1992 (SI 1992/3073) as amended by The Supply of Machinery (Safety) (Amendment) Regulations 1994 (SI 1994/2063).

Signed	J	In J	senk	
on behal	f of Mc	CONN	EL LIMITED	Responsible Person

Date: January 2008

### 1.0 SUPERCUT DIRECT DRIVE

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### A LIGHT TRIMMING FLAIL HEAD

May be fitted to:-

PA91

# <text><text><text><text>

### NOISE

The equivalent daily personal noise exposure from this machine, measured at the operators' ear, is within the range 78 - 85 DB.

These figures apply to a normal distribution of use where noise fluctuates between zero and maximum. The figures assume that the machine is fitted to a tractor with a quiet cab with the windows closed in a generally open environment. We recommend that the windows are kept closed.

With the cab rear window open the equivalent daily personal noise exposure will increase to a figure within the range 82-88 DB.

At equivalent daily noise exposure levels of between 85 and 90 DB, ear protection is recommended, it should be used if any window is left open.

### INFORMATION

All information contained herein supersedes any contradictory information relating to flail heads that may appear in the main instruction or parts manual.

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# GENERAL INFORMATION

Read this manual before fitting or operating the machine. If in doubt contact your dealer or the McConnel Service Department for assistance.

Use only McConnel spare parts on McConnel equipment and machines. Refer to the parts section before ordering spares.

### DEFINITION

The following definitions apply throughout this manual:

### WARNING

An operating procedure, technique etc., which can result in personal injury or loss of life if not observed carefully.

CAUTION

An operating procedure, technique etc., which can result in the damage of either machine or equipment if not observed carefully.

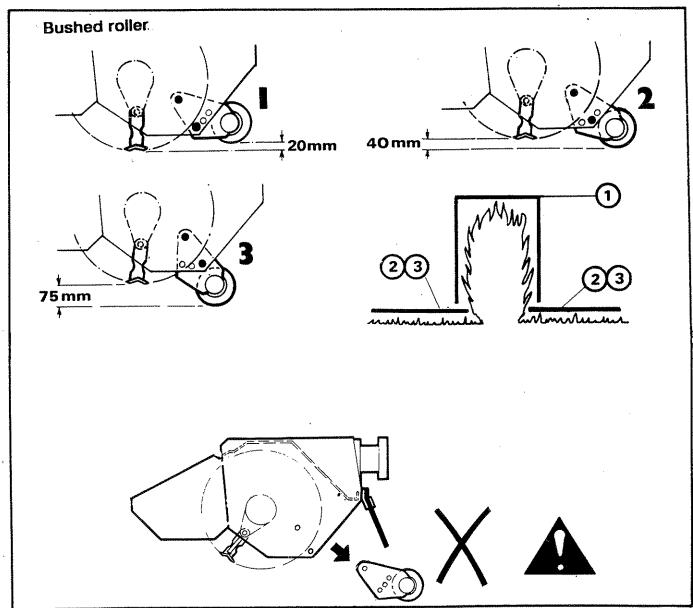
**NOTE** An operating procedure, technique etc., which is considered essential to emphasise.

### LEFT AND RIGHT-HAND

This term is applicable to the machine when fitted to the tractor and viewed from the rear. This also applies to tractor references.

Record the serial number of your machine on this page and always quote this number when ordering spares. Whenever infor- mation concerning the machine is requested remember to also state the type of tractor to which it is fitted.		
MACHINE SERIAL NUMBER	INSTALLATION DATE	
MODEL DETAILS		
DEALERS NAME		
DEALERS TELEPHONE NUMBER		

### **ROLLER POSITION**



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For best performance ...

# **USE ONLY GENUINE McCONNEL SERVICE PARTS**

To be assured of the latest design improvements purchase your 'Genuine Replacements' from the 'Original Equipment Manufacturer'

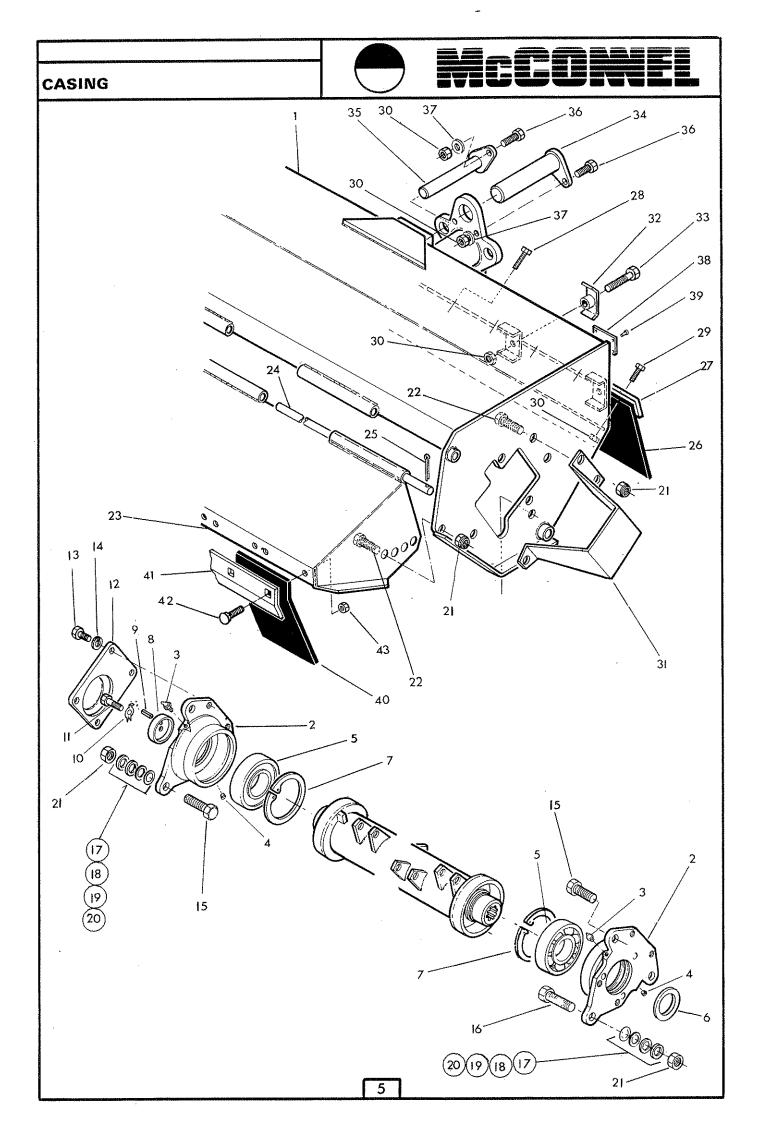
# **McCONEL LIMITED**

Through your local Dealer or Stockist

Always quote:

- Machine Type
- Serial Number
- Part Number

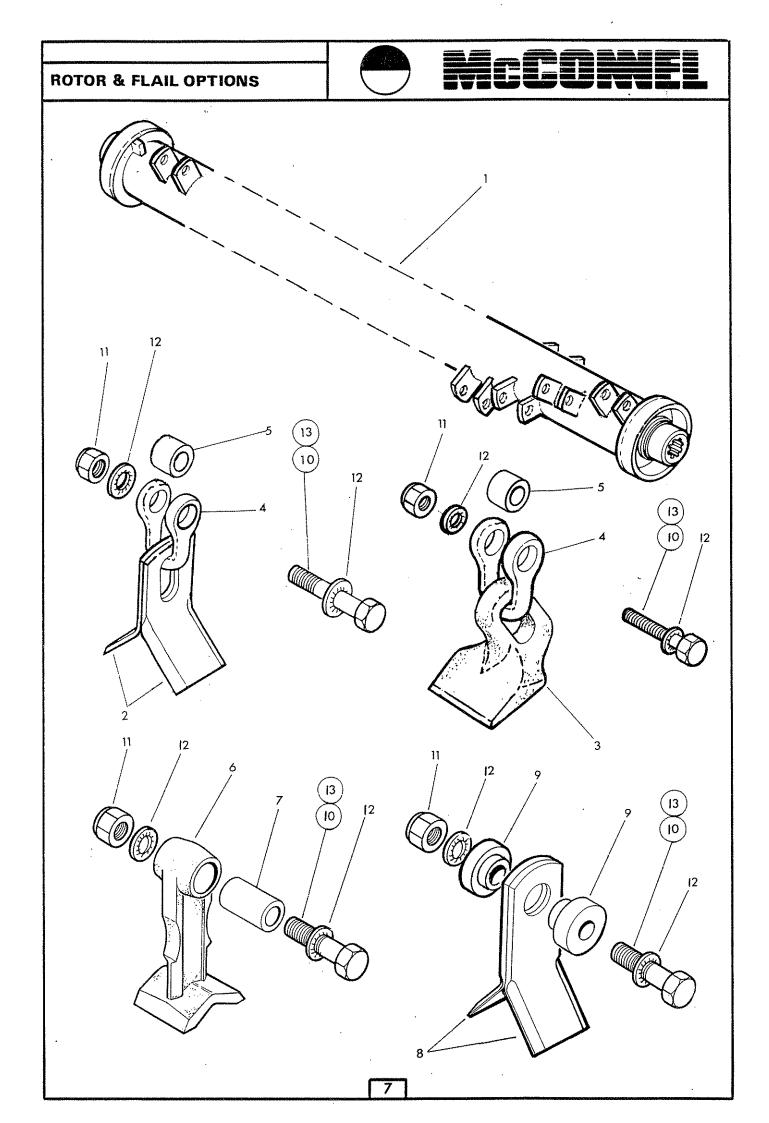
Design improvements may alter some of the parts listed in this manual – the latest part will always be supplied when it is interchangeable with an earlier one.



Ref	Part No	Qty	Description
			FLAIL CASING
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1 2 2 2 2 1 2 1 1 1 1 4 4 5 1 as	Flail casing Bearing housing Greaser Plug Ball bearing Motor location washer Internal circlip Clamp washer Spring dowel Tabwasher Setscrew Cover plate Setscrew Spring washer Setscrew Spring washer Setscrew Shim
18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	req " 14 4 1 1 1 1 1 1 1 1 2 2 1 1 2 2 1 4	_
40 41 42 43	<b>71 91 321</b> 71 90 035 71 90 350 92 93 054 91 43 004	7 1 14 14	OPTIONAL EXTRA FRONT FLAP KIT comp:- Front flap Clamp strip Bolt - cup sq. Self lock nut

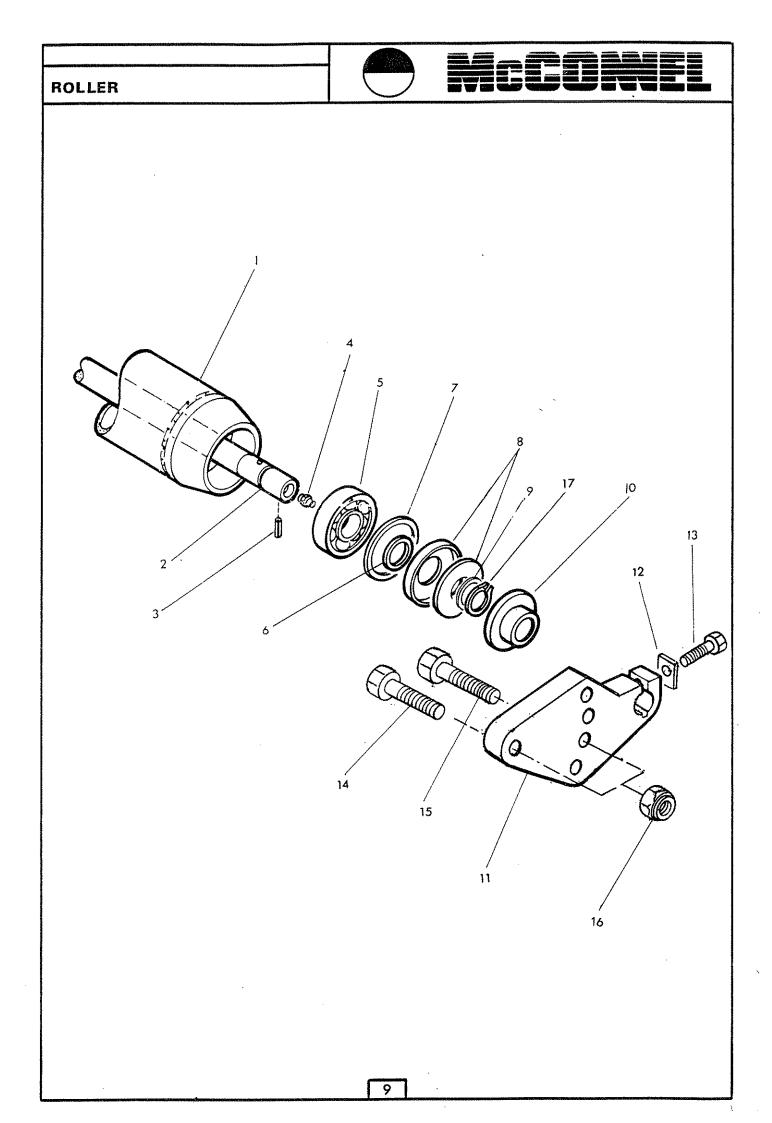
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Ref	Part No	Qty	Description
			ROTOR AND FLAILS OPTIONS
1	71 91 372	1	Rotor
2	71 90 166	40	Flail
2 3	71 90 462	20	Flail
4	71 91 138	20	Shackle
4 5 6 7	<b>71</b> 91 139	20	Spacer
6	71 91 320	20	Flail
	71 91 054	20	Spacer
8 9	71 90 315 71 91 095	40 40	Flail Bush
9 10	71 91 1095	40 18	Bolt - special
11	01 41 005	20	Self locking nut
12	01 00 305	$\overline{40}$	Internal shakeproof washer
13*	71 14 082	2	Bolt - special

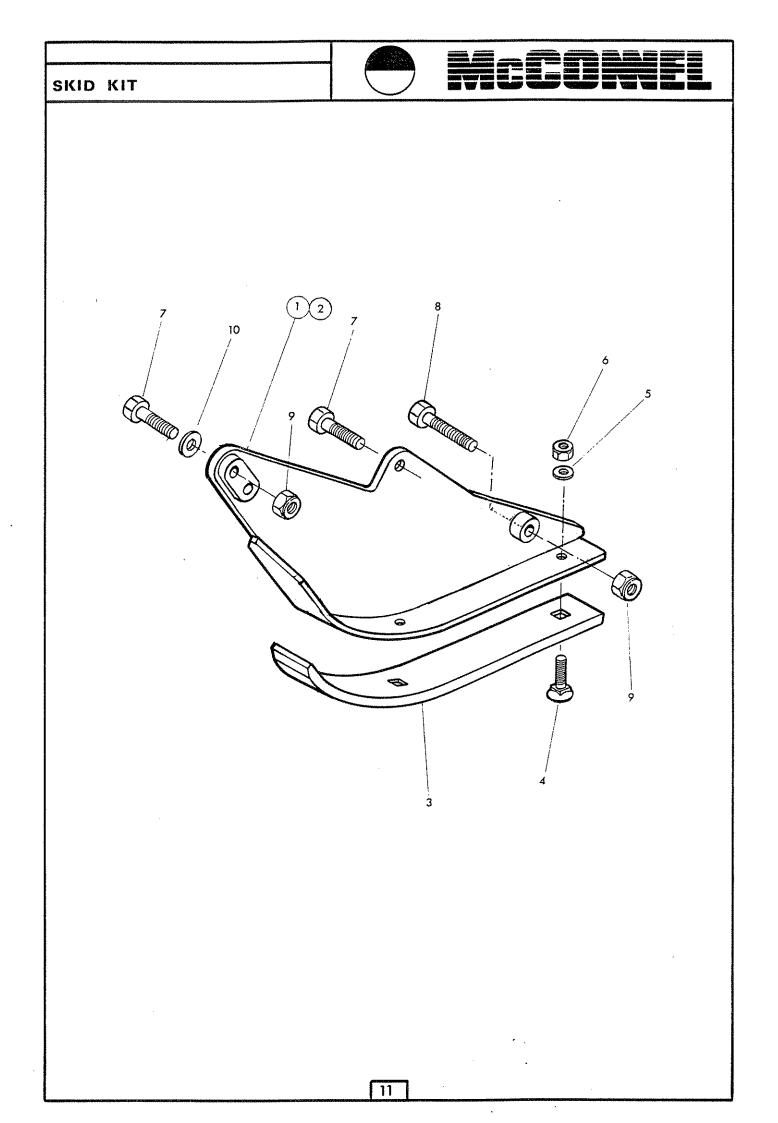
\* Assembly note - Used in end lugs only



Ref.	Part No.	Qty.	Description
			ROLLER ASSEMBLY
1	71 91 284	1	Roller
2	71 91 286	1	Axle
3	04 25 408	1	Spring dowel
	09 01 121	2	Greaser and a straight
5	06 00 088	2	Bearing
5 6 7	71 91 092	2	Spacer washer - small
	71 91 093	2 2 2 2 2	Spacer washer - large
8	71 91 091		Sealing washer set
9	71 91 107	as	Roller shim
		req	
10	71 91 285	2	Roller spacer
11	71 91 378	2	Roller bracket
12	41777.01	2	Tab washer
	02 11 165	2	Bolt
14	02 11 166	2 2 2 2 2	Setscrew
1.5	02 11 186		Setscrew
	01 41 006	4 2	Self locking nut External circlip
17	04 01 225	4	excernar circrib

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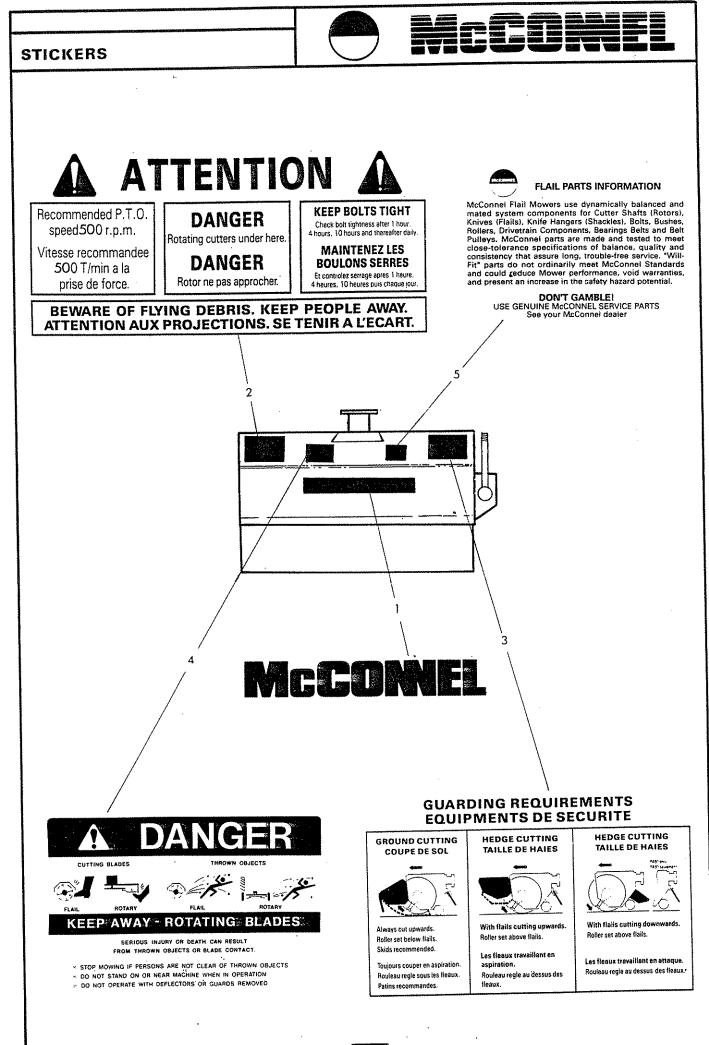
Ref.	Part No.	Qty.	Description SKID KIT - Option
1 2 3 4 5 6 7 8 9 10	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1 2 6 6 4 2 4 2	Skid - L.Hand Skid - R.Hand - not illus. Wear skid Tine bolt Plain washer Self locking nut Set screw Self locking nut Plain washer

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Ref Part No. Qty Description	
STICKERS	
1 12 90 255 1 McConnel	
2 12 90 377 1 Flail head instruct	cions
3 12 90 341 1 Flail head guarding	3
4 0075 6485 1 Rotating blade warm	ning
5 12 90 392 1 Use McConnel spares	



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