



www.monoequip.com



METRO MOULDER

SPARES MANUAL

MACHINE NO.FG021

When ordering spares please quote the **machine serial number** which can be found on the silver information plate of the machine and on the front cover of your manual.

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SAFETY SYMBOLS

The following safety symbols are used throughout available product documentation and the operating manual (available at www.monoequip.com).

Pay special attention to information marked with the following symbols.



WARNING

Indicates a hazardous situation which, if not avoided, will result in death or serious injury.



WARNING

Indicates a hazardous situation which, if not avoided, will result in electric shock.



CAUTION

Indicates a hazardous situation which, if not avoided, will result in minor or moderate injury.

ELECTRICAL SAFETY AND ADVICE REGARDING SUPPLEMENTARY ELECTRICAL PROTECTION:

Commercial bakeries, kitchens and foodservice areas are environments where electrical appliances may be located close to liquids or operate in and around damp conditions or where restricted movement for installation and service is evident.

The installation and periodic inspection of the appliance should only be undertaken by a qualified, skilled and competent electrician, and connected to the correct power supply suitable for the load as stipulated by the appliance data label.

The electrical installation and connections should meet the necessary requirements of the local electrical wiring regulations and any electrical safety guidelines.

No work should be undertaken without disconnecting the power.

We Recommend:

- Supplementary electrical protection with the use of a residual current device (RCD)
- Fixed wiring appliances incorporate a locally situated switch disconnector to connect to, which is easily accessible for switching off and safe isolation purposes. The switch disconnector must meet the specification requirements of IEC 60947.



The supply to this machine must be protected by a **30mA RCD**

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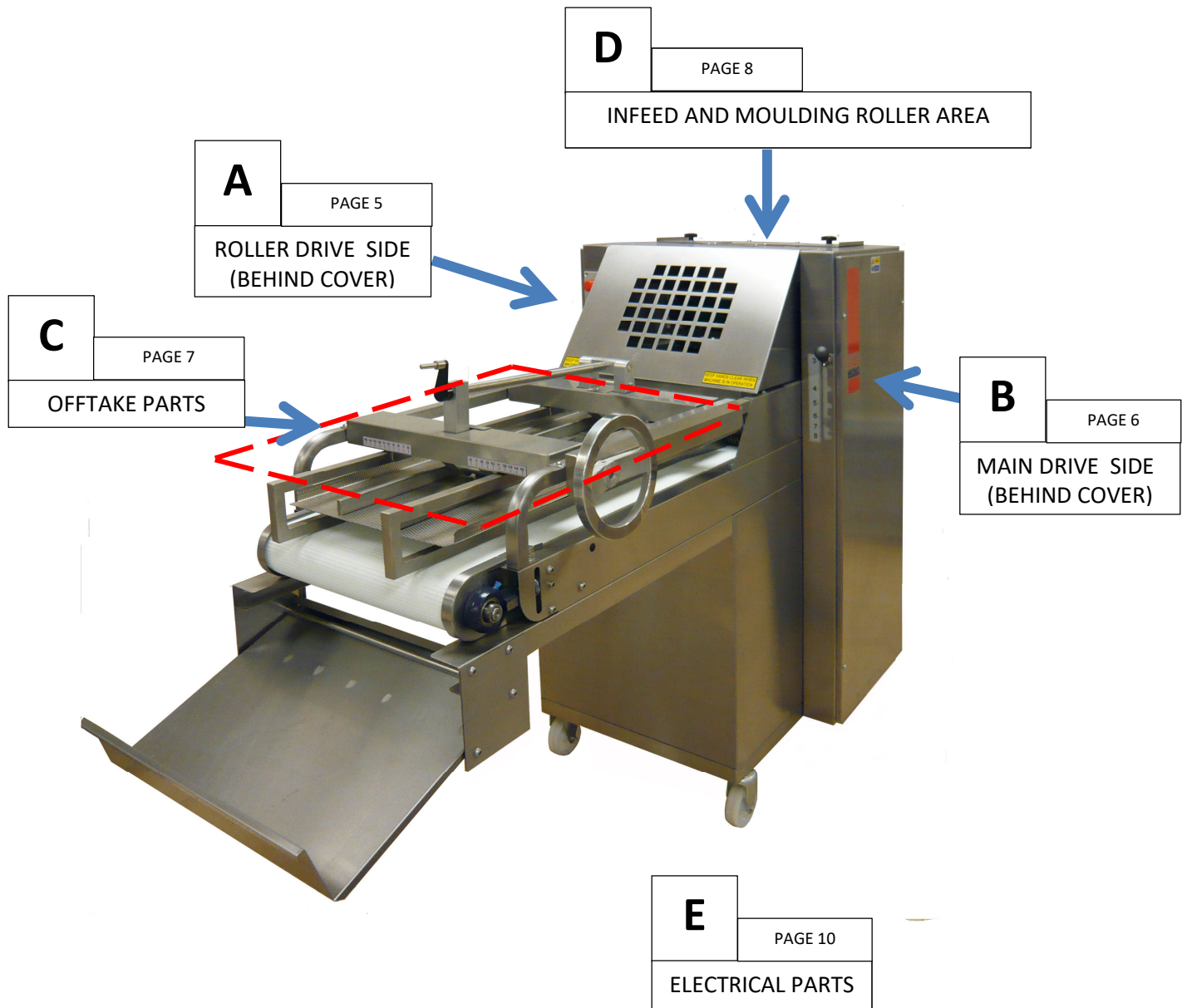
SECTION E ELECTRICAL PARTS
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WARNING

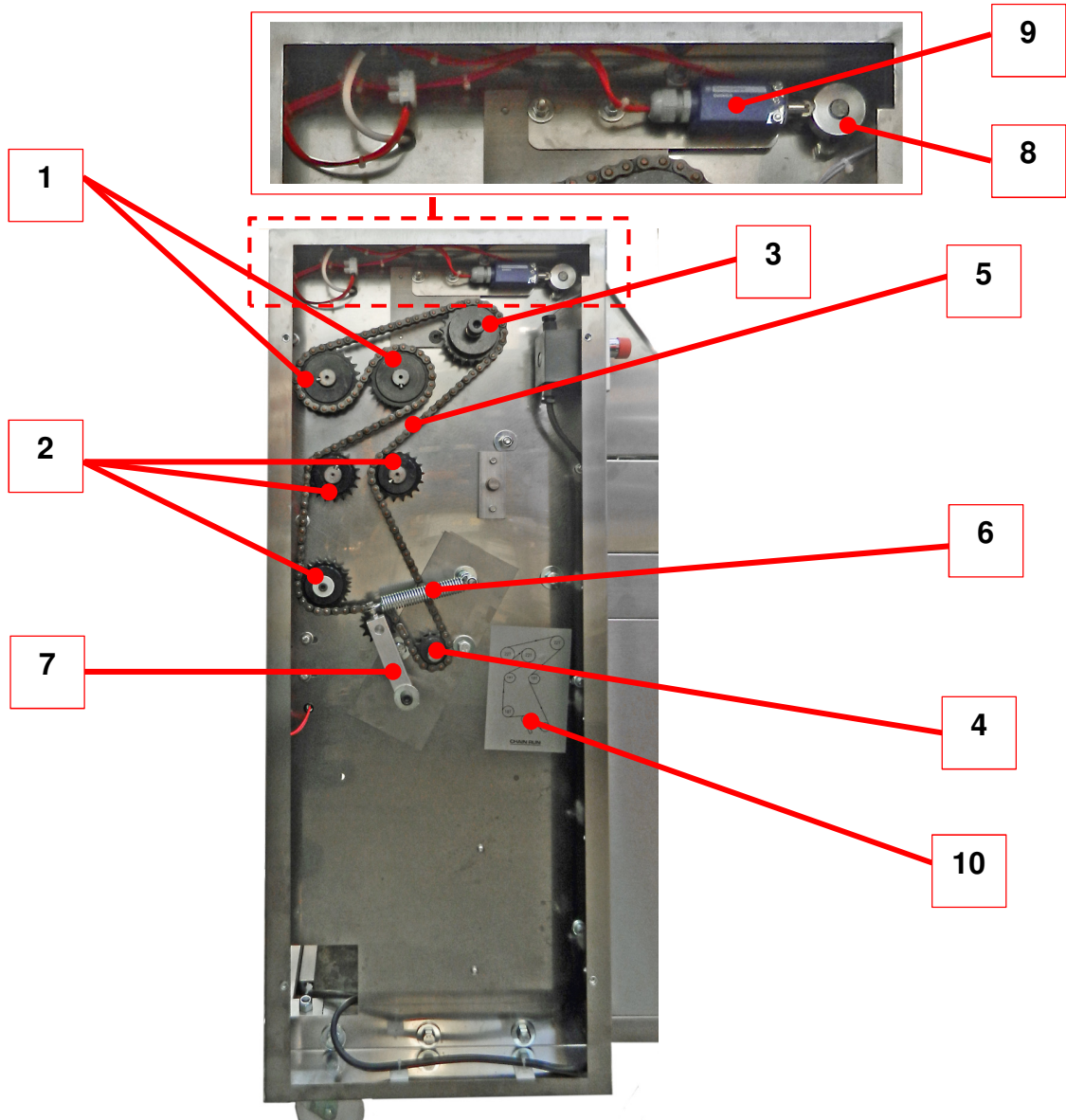
Isolate the machine and disconnect from the mains supply before attempting any maintenance or fault investigation

AREAS DETAILED ON THE FOLLOWING PAGES



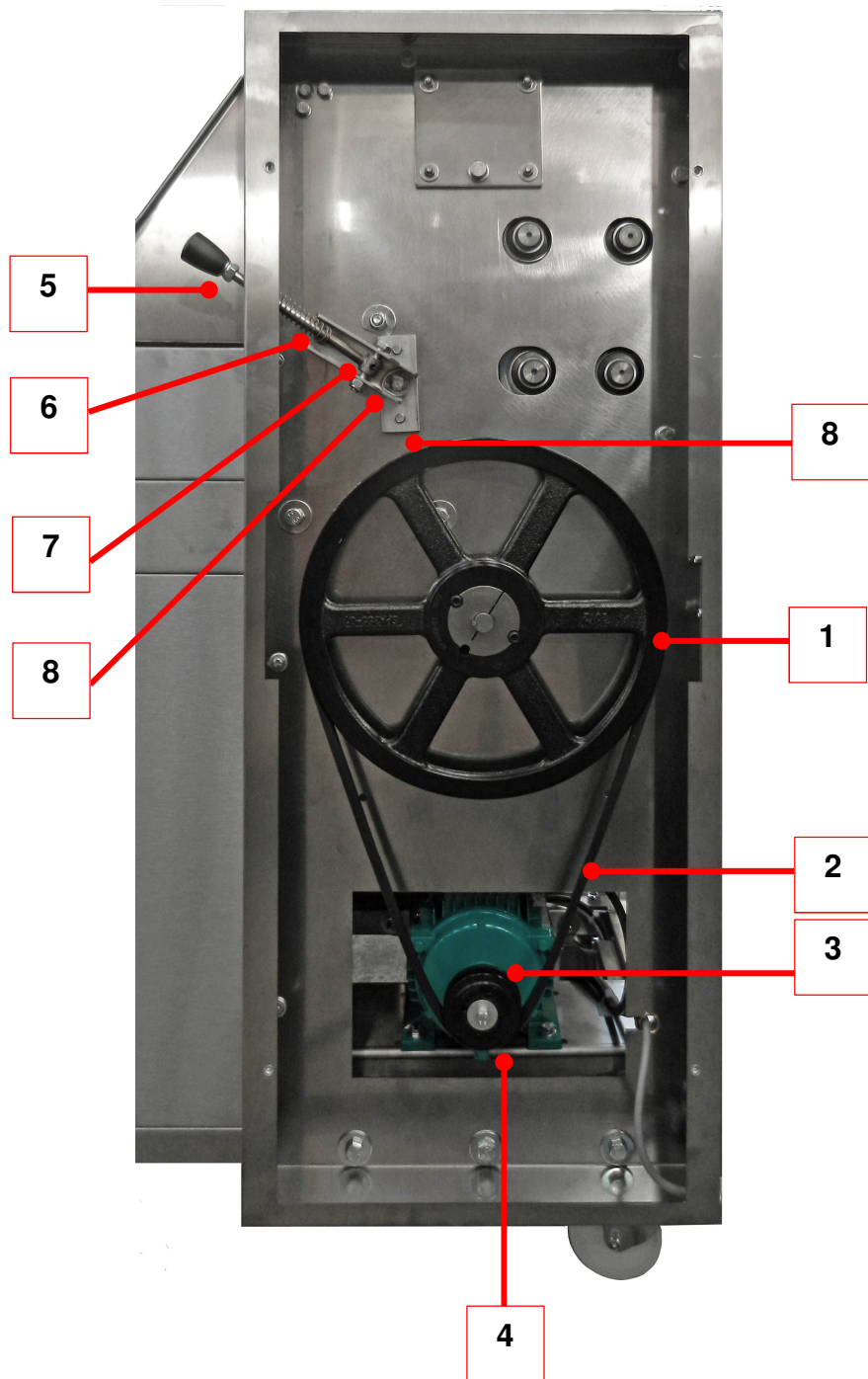
A

ROLLER DRIVE SIDE (BEHIND COVER)



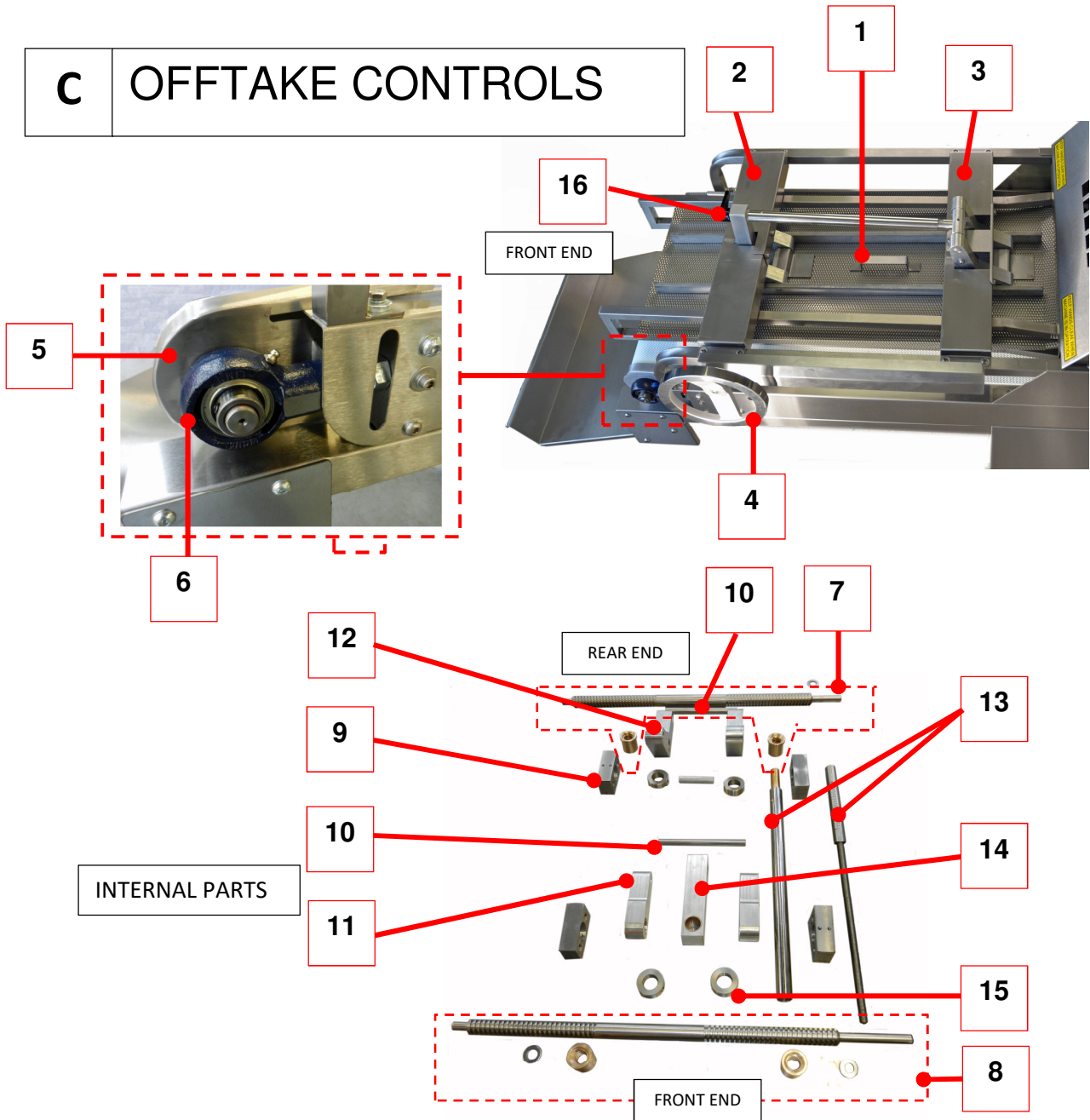
ITEM	PART NUMBER	DESCRIPTION	QTY
A1	021-03D01000	22 TOOTH SPROCKET	2
A2	021-03D00700	18 TOOTH SPROCKET	3
A3	A900-07-075	22 TOOTH SPROCKET (NO KEYWAY)	1
A4	021-03D00600	12 TOOTH SPROCKET	1
A5	A900-08-010	DRIVE CHAIN	53' + 1 LINK
A6	A900-19-096	SPRING	1
A7		JOCKEY (TENSIONER) ASSEMBLY:-	1
	021-03D01600	JOCKEY PIVOT	1
	021-03D01700	ARM	1
	021-03D01800	AXLE	1
	021-03D01100	12 TOOTH IDLER SPROCKET	1
A8	B801-11-008	FRONT COVER SAFETY SWITCH	1
A9	021-08D01800	LIMIT SWITCH CAM	1
A10	021-01-00400	CHAIN RUN LABEL	1

B MAIN DRIVE SIDE (BEHIND COVER)



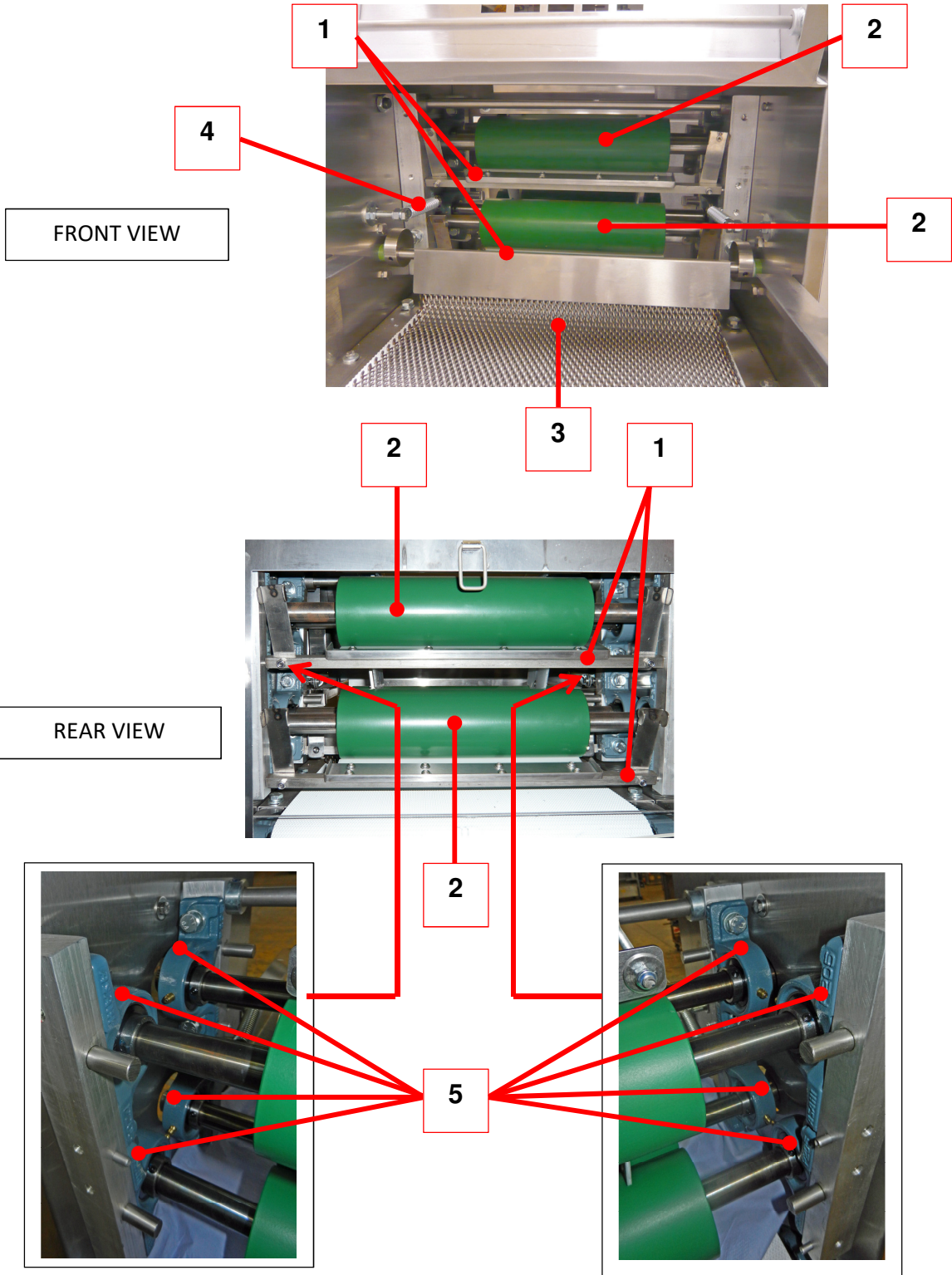
<u>ITEM</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY</u>
B1	A900-09-107	PULLEY	1
B2	A900-21-056	"V" BELT	1
B3	B809-74-089	MOTOR	1
B4	A900-09-106	PULLEY	1
B5	P700-07-010	KNOB	1
B6	A900-19-049	SPRING	1
B7	021-04D01700	LEVER	1
B8	021-04-05300	CAM SHAFT AND LEVER	1

C OFFTAKE CONTROLS



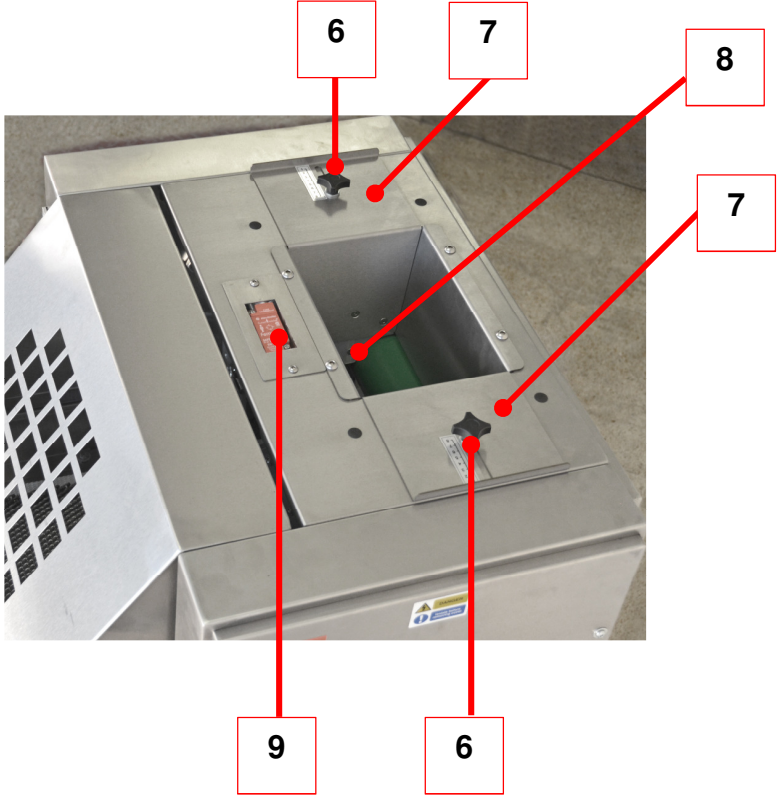
ITEM	PART NUMBER	DESCRIPTION	QTY
C1	021-07D10200	PRESSURE BOARD ASSEMBLY	1
C2	021-07-16800	FRONT LEAD SCREW COVER	1
C3	021-07-209	REAR LEAD SCREW COVER	1
C4	021-07-21001	2 SPOKE HANDWHEEL	1
C5	021-06-15500	LEFT CONVEYOR FINGER GUARD	1
	021-06-15501	RIGHT CONVEYOR FINGER GUARD	1
C6	021-06D03500	FRONT ROLLER BEARING	2
C7	021-07-11500	SCREW AND NUT ASSEMBLY REAR	1
C8	021-07-11600	SCREW AND NUT ASSEMBLY FRONT	1
C9	021-07-16700	LEAD SCREW NUT HOUSING	4
C10	021-07D01200	SPINDLE	2
C11	021-07-19900	FRONT TOGGLE	2
C12	021-07-20700	REAR TOGGLE	1
C13	021-07-18700	SCREW AND TUBE ASSEMBLY	1
C14	021-07-15700	SHACKLE BLOCK	1
C15	021-07-18600	COLLAR	4
C16	P700-07-023	CRANKED HANDLE	1

D	INFEED AND MOULDING ROLLERS
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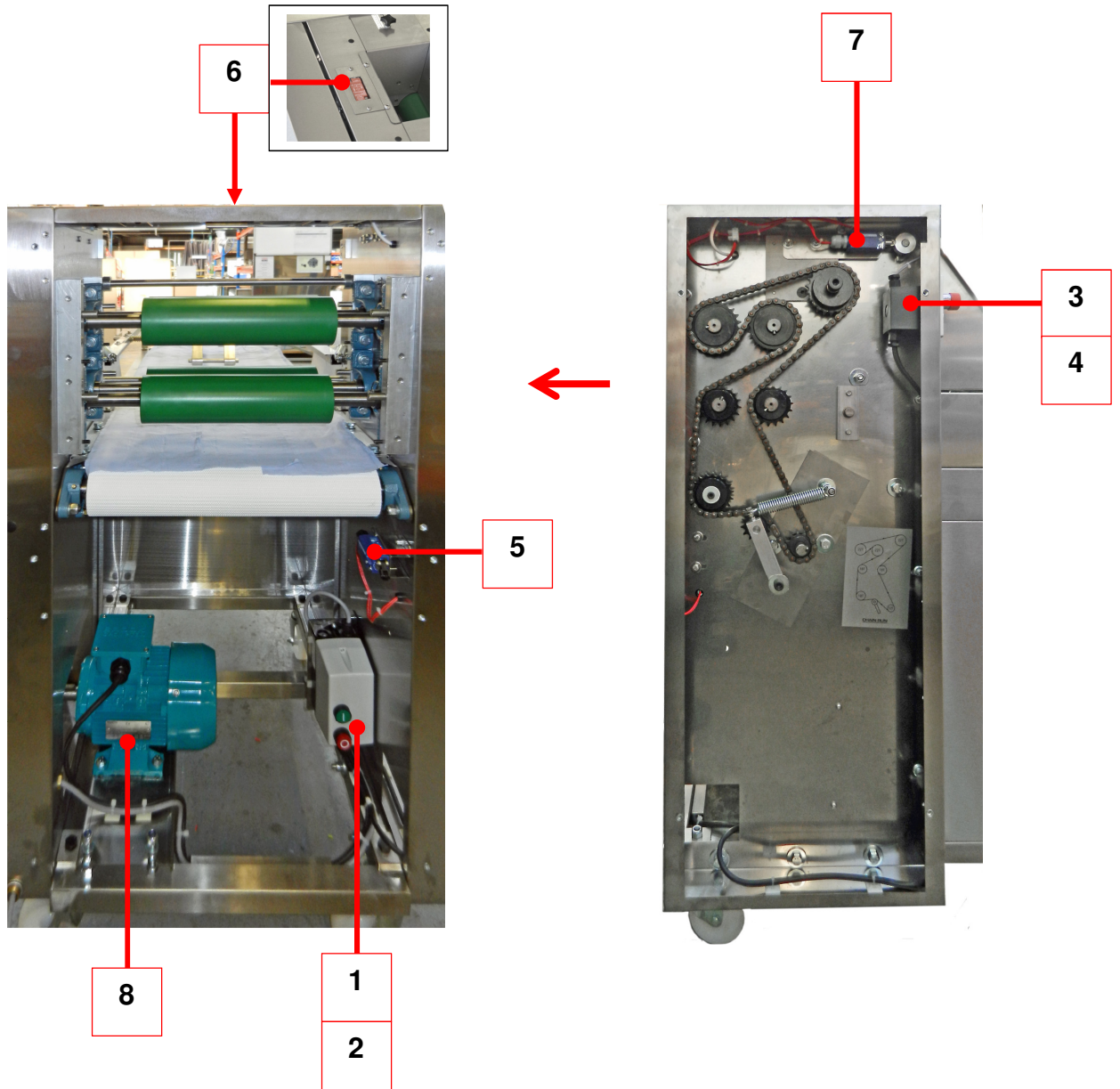
<u>ITEM</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY</u>
D1	021K04D01300	SCRAPER	4
	021-04D01100	SCRAPER SUPPORT BAR	4
D2	021-04D00700	SHEETING ROLLER	4
D3	021-05D03000	CURLING CHAIN ASSEMBLY	1
D4	A900-19-023	TENSION SPRING	2
D5	A900-06-026	BEARING	8

TOP VIEW
 INFEEED HOPPER NOT SHOWN



<u>ITEM</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY</u>
D6	P700-04-034	THUMB SCREW	2
D7	021-02-07100	HOPPER END PLATE	2
D8	021-02-07300	SIDE CHECK	2
D9	B818-07-008	SAFETY SWITCH	1

E	ELECTRICAL COMPONENTS
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<u>ITEM</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY</u>
E1	B850-03-001	MAIN MOTOR CONTACTOR	1
E2	B850-01-002	THERMAL OVERLOAD	1
E3	B801-12-015	STOP BUTTON	1
	B801-14-001	CONTACT BLOCK	1
E4	B801-12-002	START BUTTON	1
	B801-14-002	CONTACT BLOCK	1
E5	B801-11-009	REAR ACCESS COVER SAFETY SWITCH	1
E6	B818-07-008	HOPPER SAFETY SWITCH	1
E7	B801-11-008	FRONT COVER SAFETY SWITCH	1
E8	B809-74-018	MAIN MOTOR	1